

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015824.D
 Acq On : 09 Jul 2020 13:18
 Operator : SY/VA
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Quant Time: Jul 10 05:40:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94075	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.89	113	82499	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	10.32	98	329025	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.62	95	120968	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24873	24.874	ug/l	98
3) Chloromethane	2.21	50	29317	21.588	ug/l	95
4) Vinyl Chloride	2.37	62	47660	22.730	ug/l	99
5) Bromomethane	2.78	94	35441	22.090	ug/l	98
6) Chloroethane	2.93	64	31516	22.272	ug/l	99
7) Trichlorofluoromethane	3.26	101	32545	21.597	ug/l	99
8) Diethyl Ether	3.68	74	19824	21.114	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40264	22.826	ug/l	98
10) Methyl Iodide	4.26	142	53333	21.624	ug/l	99
11) Tert butyl alcohol	5.17	59	12579	120.110	ug/l	99
12) 1,1-Dichloroethene	4.04	96	37960	21.887	ug/l	98
13) Acrolein	3.89	56	13501	99.541	ug/l	99
14) Allyl chloride	4.67	41	59768	21.203	ug/l	99
15) Acrylonitrile	5.37	53	38520	104.931	ug/l	99
16) Acetone	4.12	43	40577	110.917	ug/l	98
17) Carbon Disulfide	4.38	76	109762	21.275	ug/l	99
18) Methyl Acetate	4.68	43	18180	21.837	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	55543	21.398	ug/l	99
20) Methylene Chloride	4.92	84	48899	23.615	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	43105	21.458	ug/l	97
22) Diisopropyl ether	6.32	45	121078	21.315	ug/l	99
23) Vinyl Acetate	6.26	43	348472	103.137	ug/l	99
24) 1,1-Dichloroethane	6.21	63	77085	21.433	ug/l	99
25) 2-Butanone	7.17	43	52912	106.553	ug/l	99
26) 2,2-Dichloropropane	7.17	77	48018	21.282	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	46399	21.511	ug/l	97
28) Bromochloromethane	7.51	49	31879	22.359	ug/l	98
29) Tetrahydrofuran	7.53	42	31106	103.226	ug/l	99
30) Chloroform	7.68	83	79141	21.526	ug/l	100
31) Cyclohexane	7.96	56	72509	21.421	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	67107	21.768	ug/l	100
36) 1,1-Dichloropropene	8.09	75	65299	21.952	ug/l	99
37) Ethyl Acetate	7.26	43	23813	20.602	ug/l	99
38) Carbon Tetrachloride	8.07	117	60650	21.071	ug/l	96

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 Data File : VW015824.D
 Acq On : 09 Jul 2020 13:18
 Operator : SY/VA
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Quant Time: Jul 10 05:40:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74497	21.223	ug/l	95
40) Benzene	8.32	78	175422	21.528	ug/l	99
41) Methacrylonitrile	7.49	41	13764	20.975	ug/l	98
42) 1,2-Dichloroethane	8.40	62	53720	21.182	ug/l	99
43) Isopropyl Acetate	8.43	43	44403	19.681	ug/l	99
44) Trichloroethene	9.09	130	44917	20.840	ug/l	95
45) 1,2-Dichloropropane	9.37	63	43118	21.528	ug/l	98
46) Dibromomethane	9.46	93	21342	20.697	ug/l	99
47) Bromodichloromethane	9.65	83	56030	21.008	ug/l	99
48) Methyl methacrylate	9.44	41	20727	20.046	ug/l	97
49) 1,4-Dioxane	9.45	88	5652	443.348	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	110977	100.801	ug/l	100
52) Toluene	10.39	92	113292	21.605	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	52345	20.455	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	62947	20.563	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30108	21.057	ug/l	99
56) Ethyl methacrylate	10.65	69	35649	20.280	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52936	20.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	84088	97.898	ug/l	99
59) 2-Hexanone	10.97	43	75391	102.612	ug/l	99
60) Dibromochloromethane	11.13	129	33458	20.261	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27875	20.374	ug/l	96
64) Tetrachloroethene	10.87	164	38086	21.969	ug/l	97
65) Chlorobenzene	11.66	112	118011	22.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	40742	21.490	ug/l	99
67) Ethyl Benzene	11.73	91	219120	22.086	ug/l	93
68) m/p-Xylenes	11.84	106	165842	44.499	ug/l	99
69) o-Xylene	12.17	106	75188	22.102	ug/l	100
70) Styrene	12.18	104	129182	22.069	ug/l	98
71) Bromoform	12.35	173	17071	19.727	ug/l #	96
73) Isopropylbenzene	12.46	105	210274	21.463	ug/l	100
74) N-amyl acetate	12.27	43	41133	19.624	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	33581	20.629	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	43710	35.763	ug/l	33
77) Bromobenzene	12.75	156	47125	21.452	ug/l	97
78) n-propylbenzene	12.80	91	261848	22.019	ug/l	100
79) 2-Chlorotoluene	12.89	91	148697	21.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	183270	21.948	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	8846	18.910	ug/l	91
82) 4-Chlorotoluene	12.99	91	155430	21.948	ug/l	99
83) tert-Butylbenzene	13.21	119	152228	21.959	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	183020	21.948	ug/l	100
85) sec-Butylbenzene	13.38	105	222892	22.264	ug/l	100
86) p-Isopropyltoluene	13.50	119	200073	21.885	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	95211	21.621	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	93748	21.747	ug/l	99
89) n-Butylbenzene	13.82	91	192886	22.047	ug/l	99
90) Hexachloroethane	14.09	117	34462	20.797	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	83360	21.850	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5223	20.081	ug/l	99

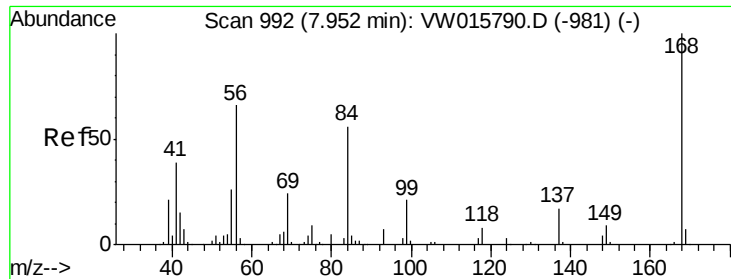
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070920\
Data File : VW015824.D
Acq On : 09 Jul 2020 13:18
Operator : SY/VA
Sample : VW0709SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
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MSVOA_W
ClientSampleId :
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Quant Time: Jul 10 05:40:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	49493	20.577	ug/l	100
94) Hexachlorobutadiene	15.24	225	31170	20.411	ug/l	98
95) Naphthalene	15.36	128	76177	18.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	40911	19.989	ug/l	99

(#) = 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: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

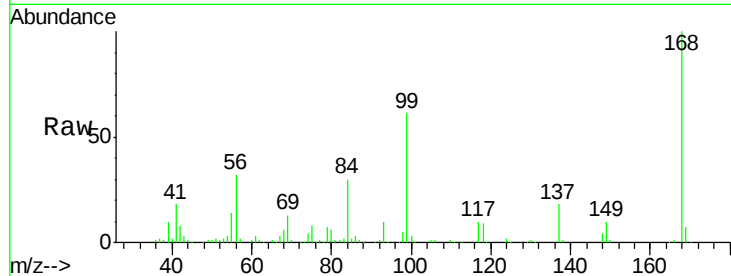
VW0709SBS01

Tot Ion:168 Resp: 189869

Ion Ratio Lower Upper

168 100

99 60.8 47.8 71.8



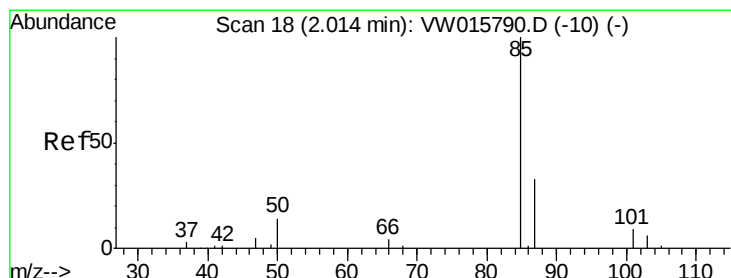
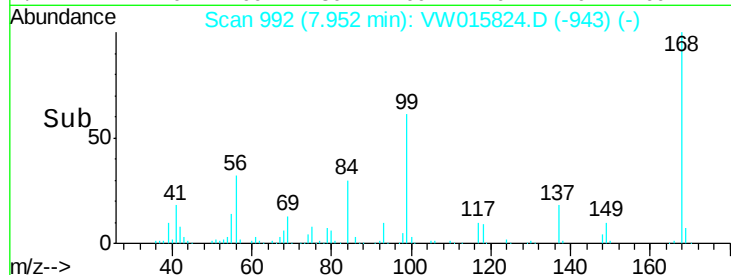
Abundance Ion 167.90 (167.60 to 168.60): VW015790.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW015790.D (-981) (-)

7.95

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 24.874 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015824.D

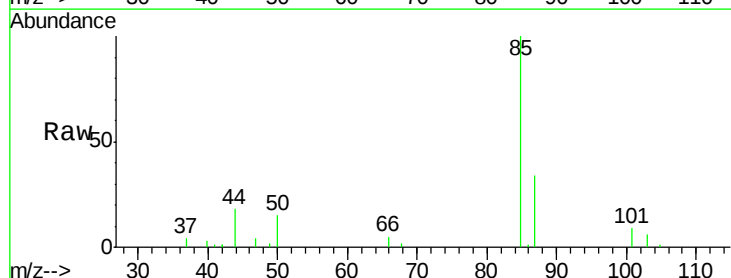
Acq: 09 Jul 2020 13:18

Tgt Ion: 85 Resp: 24873

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW015790.D (-10) (-)

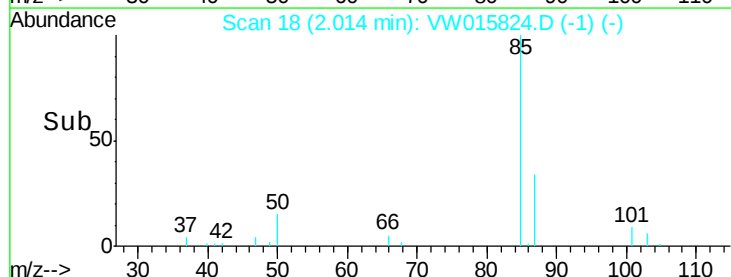
Ion 86.90 (86.60 to 87.60): VW015790.D (-10) (-)

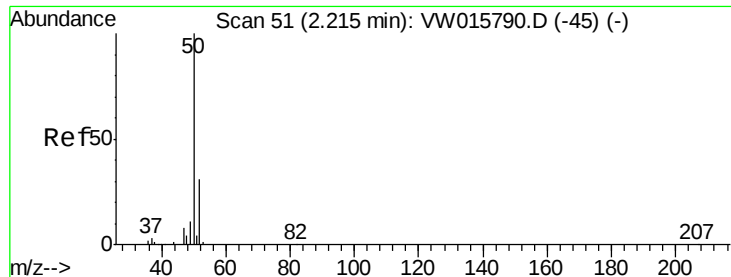
2.01

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.588 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

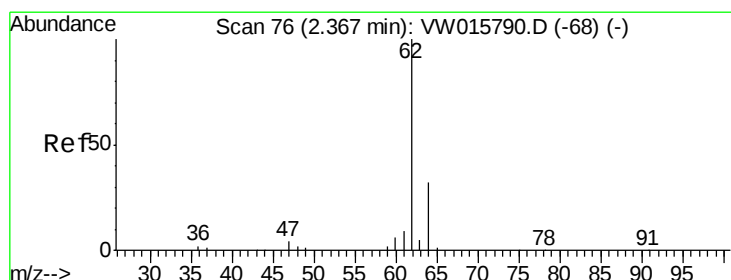
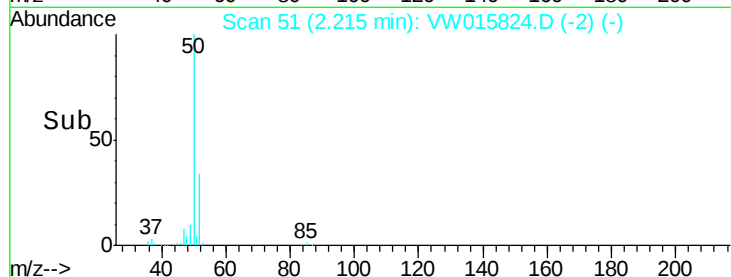
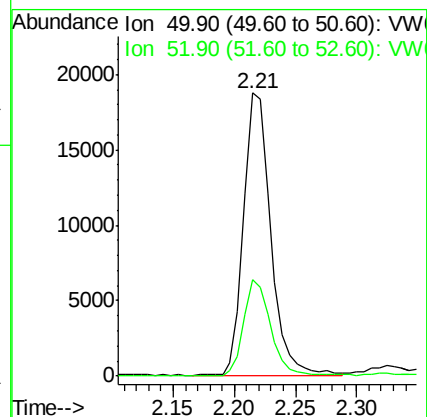
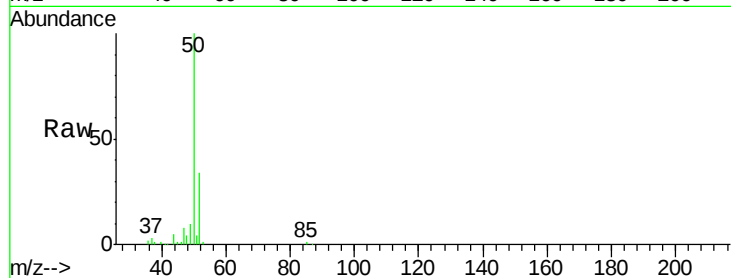
VW0709SBS01

Tot Ion: 50 Resp: 29317

Ion Ratio Lower Upper

50 100

52 34.0 25.2 37.8



#4

Vinyl Chloride

Concen: 22.730 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015824.D

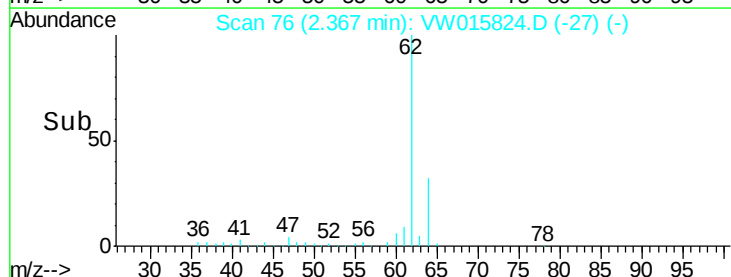
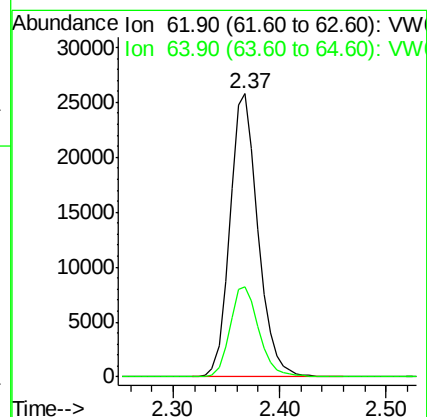
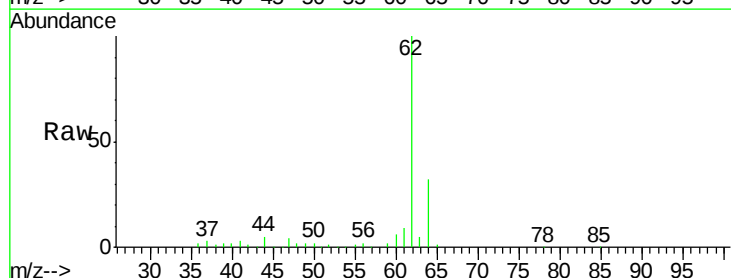
Acq: 09 Jul 2020 13:18

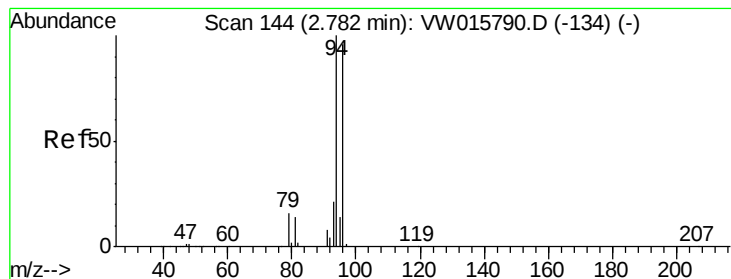
Tgt Ion: 62 Resp: 47660

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 22.090 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

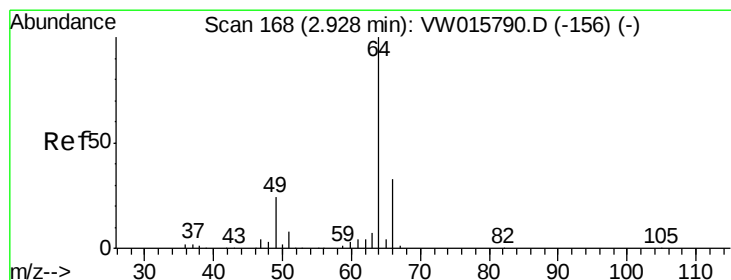
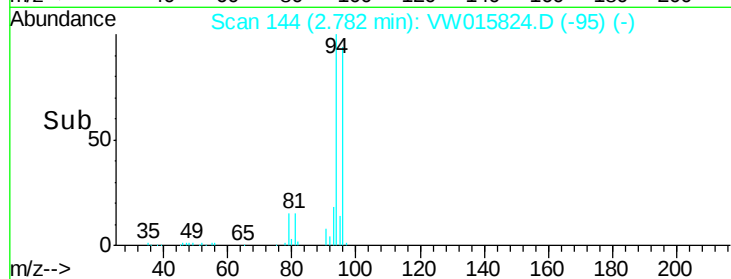
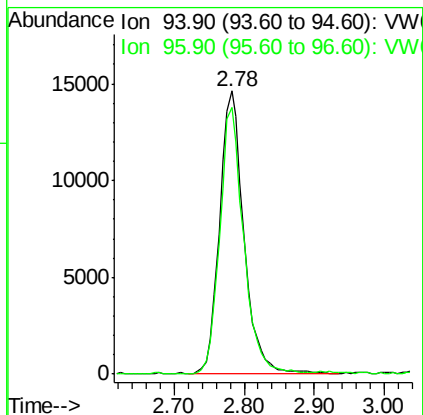
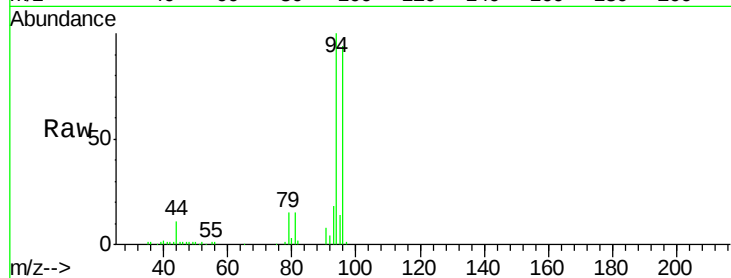
VW0709SBS01

Tot Ion: 94 Resp: 35441

Ion Ratio Lower Upper

94 100

96 94.4 76.7 115.1



#6

Chloroethane

Concen: 22.272 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015824.D

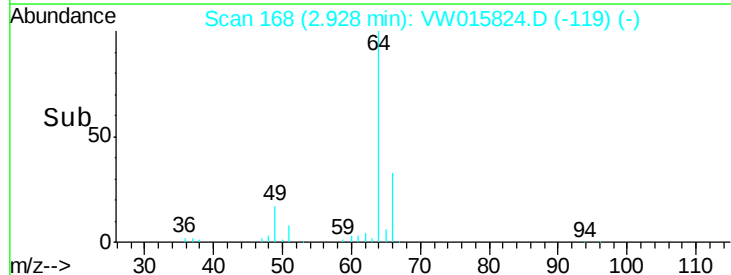
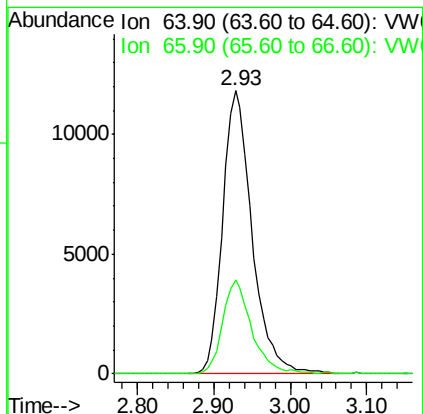
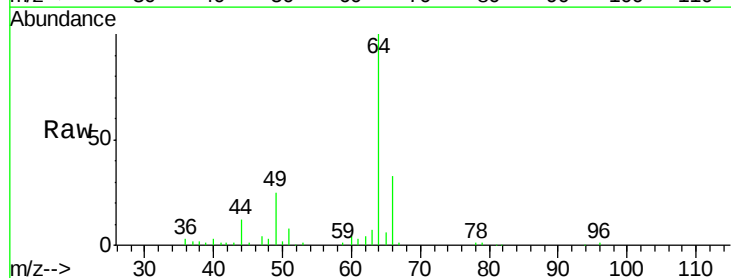
Acq: 09 Jul 2020 13:18

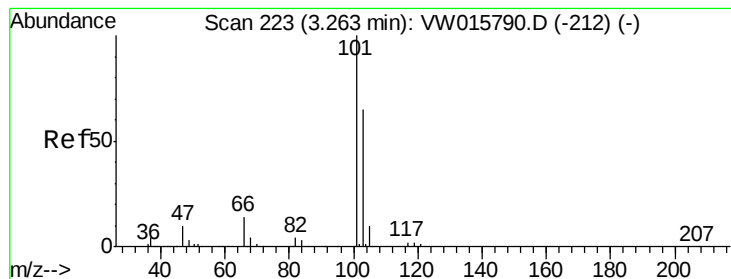
Tgt Ion: 64 Resp: 31516

Ion Ratio Lower Upper

64 100

66 33.2 26.0 39.0



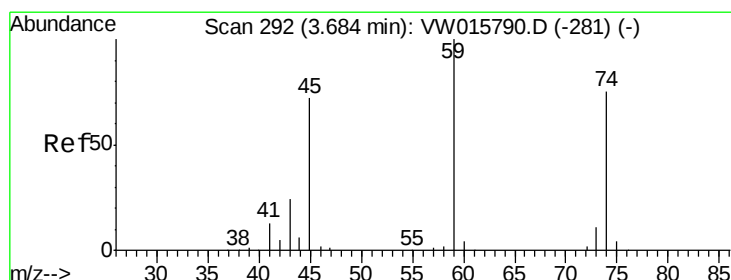
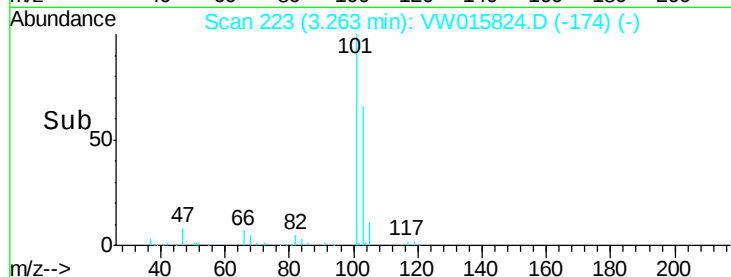
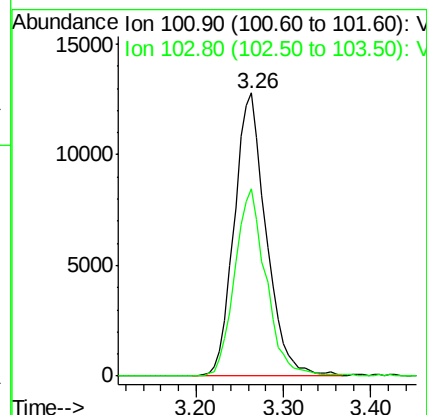
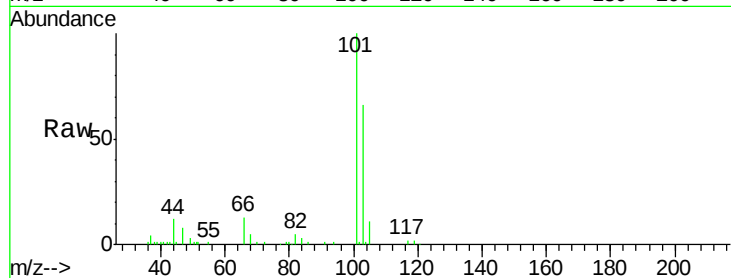


#7

Trichlorofluoromethane
 Concen: 21.597 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

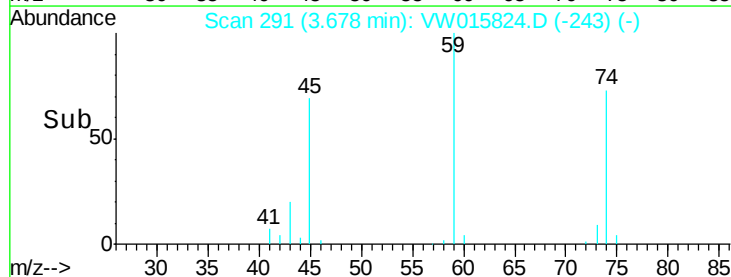
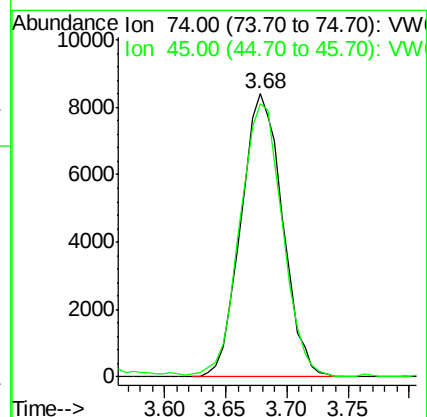
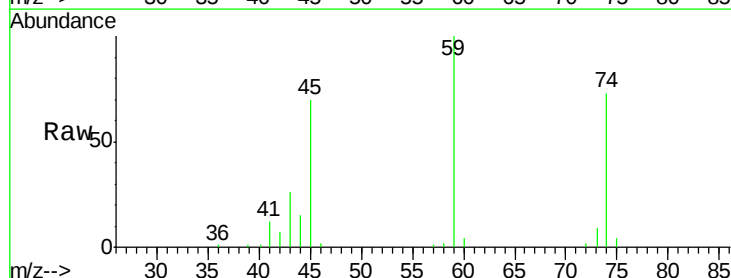
Tot Ion:101 Resp: 32545
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.2 78.4

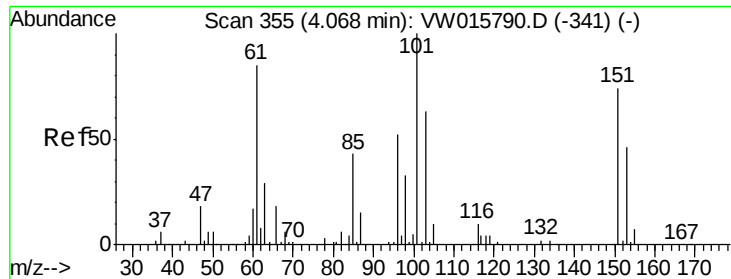


#8

Diethyl Ether
 Concen: 21.114 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion: 74 Resp: 19824
 Ion Ratio Lower Upper
 74 100
 45 99.3 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.826 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

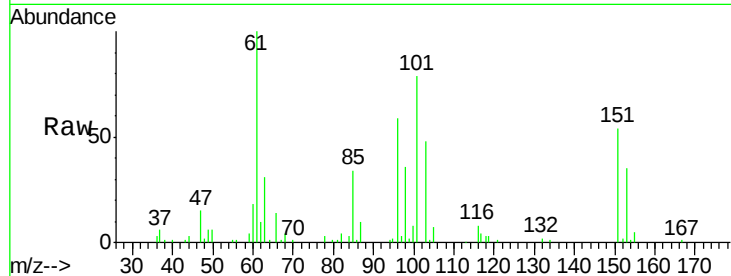
Tot Ion:101 Resp: 40264

Ion Ratio Lower Upper

101 100

85 46.0 36.1 54.1

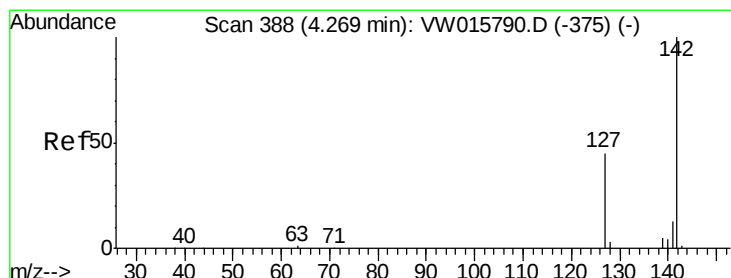
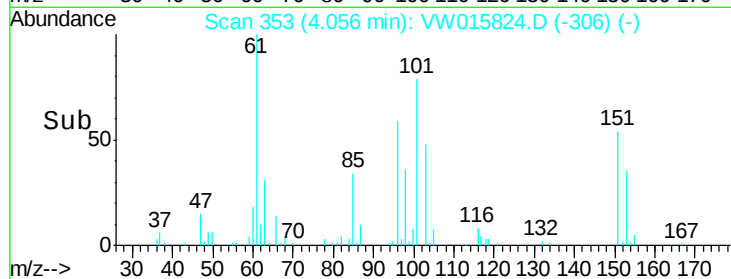
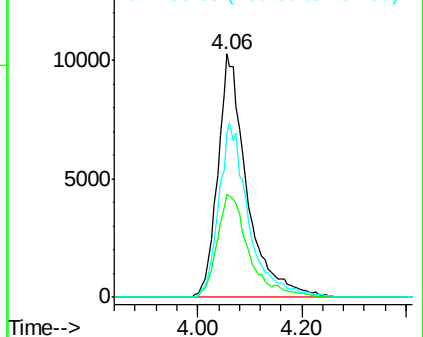
151 72.9 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.624 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

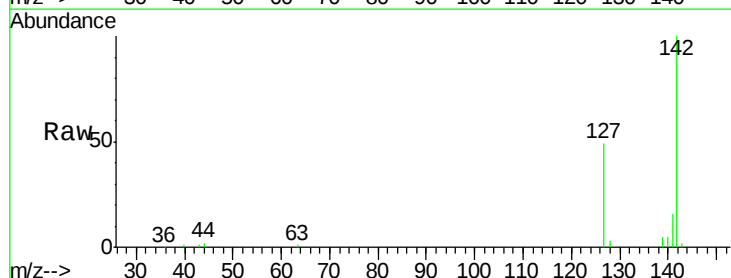
Tgt Ion:142 Resp: 53333

Ion Ratio Lower Upper

142 100

127 46.0 36.1 54.1

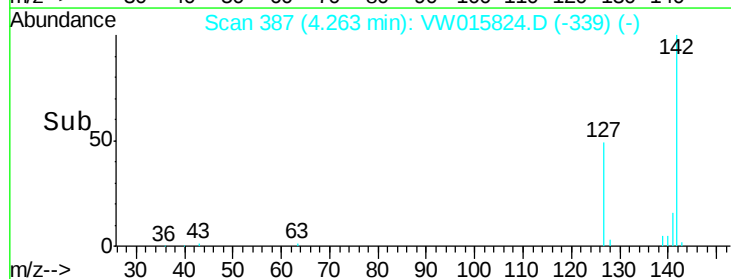
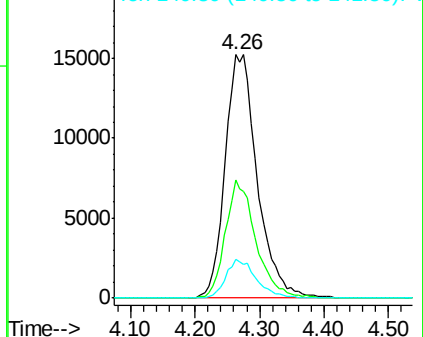
141 15.0 11.7 17.5

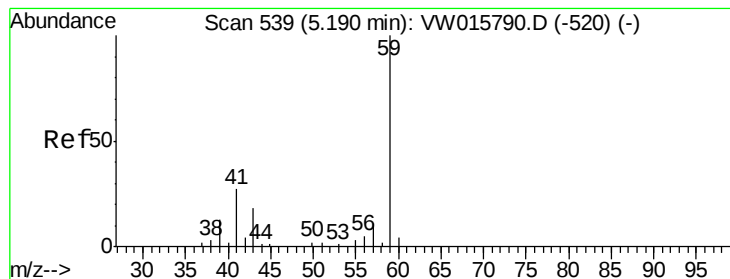


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



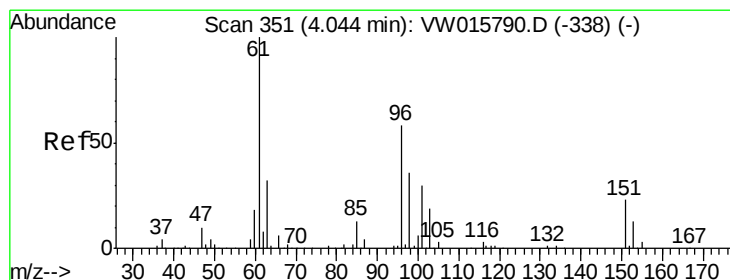
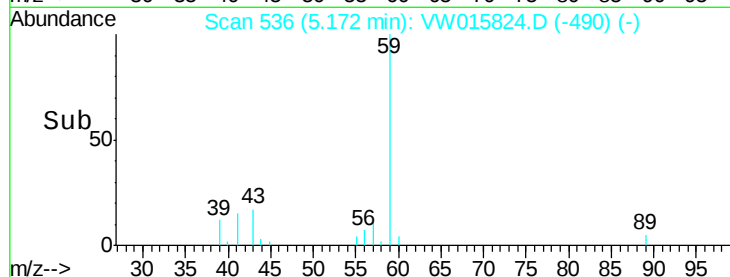
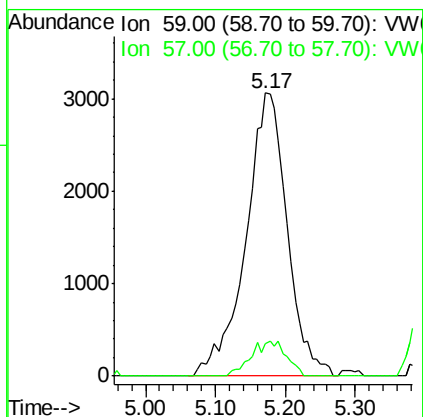
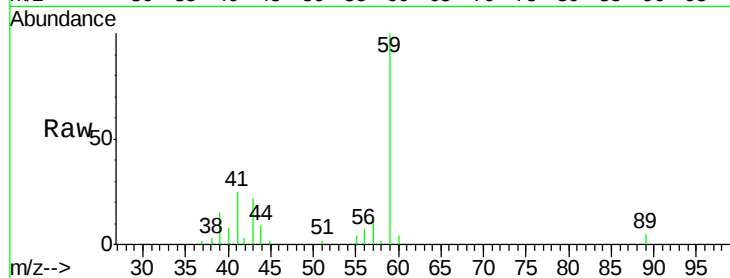


#11

Tert butyl alcohol
Concen: 120.110 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.02 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

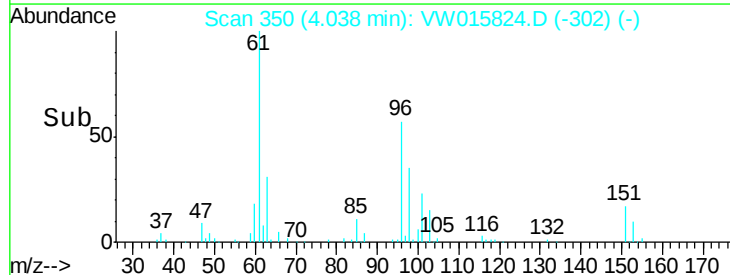
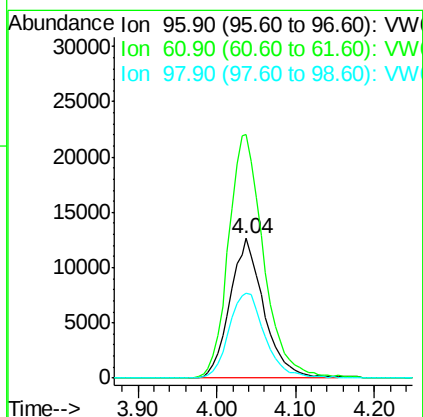
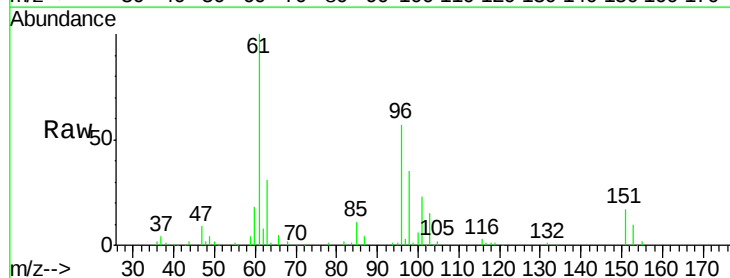
Tot Ion: 59 Resp: 12579
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

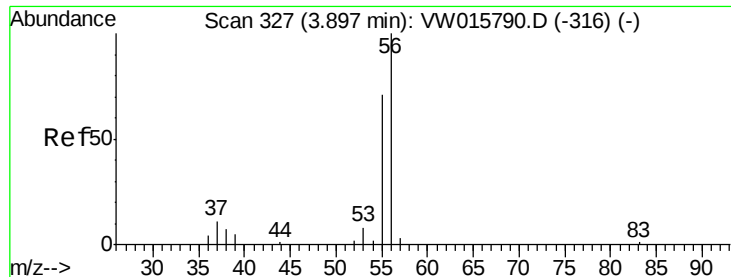


#12

1,1-Dichloroethene
Concen: 21.887 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion: 96 Resp: 37960
Ion Ratio Lower Upper
96 100
61 174.1 137.0 205.4
98 60.3 49.3 73.9





#13

Acrolein

Concen: 99.541 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

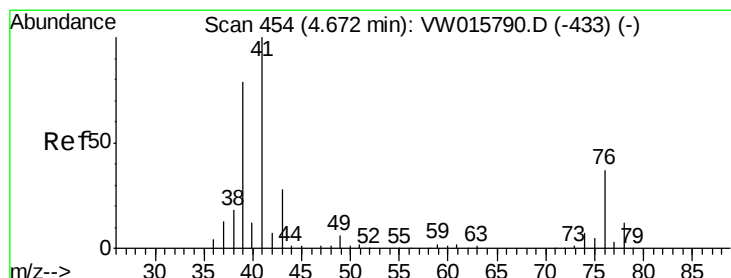
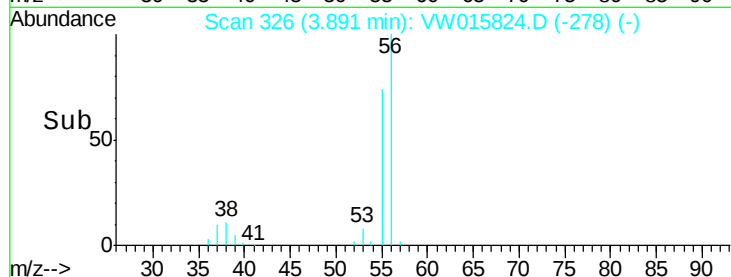
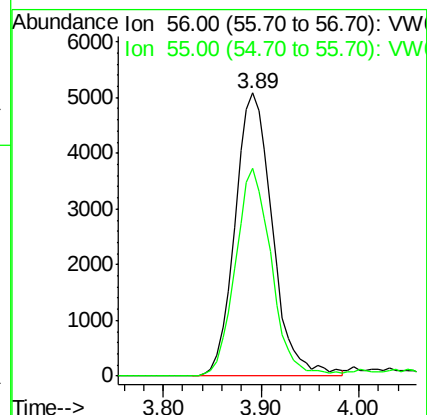
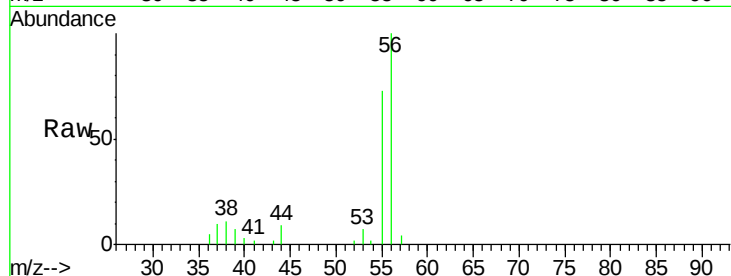
VW0709SBS01

Tot Ion: 56 Resp: 13501

Ion Ratio Lower Upper

56 100

55 70.6 55.8 83.6



#14

Allyl chloride

Concen: 21.203 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

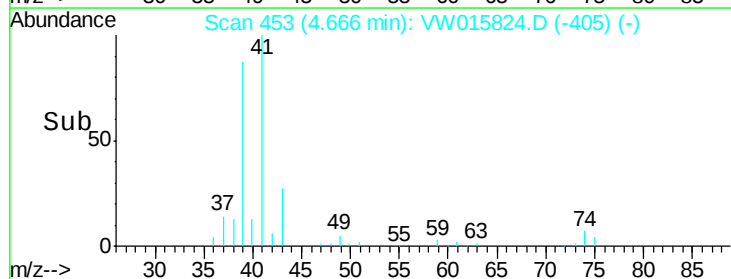
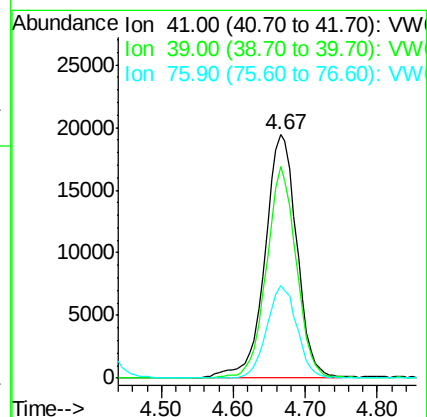
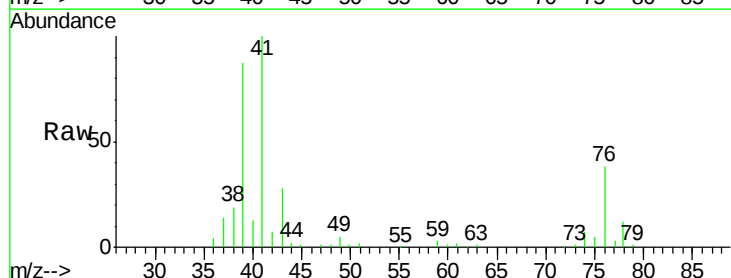
Tgt Ion: 41 Resp: 59768

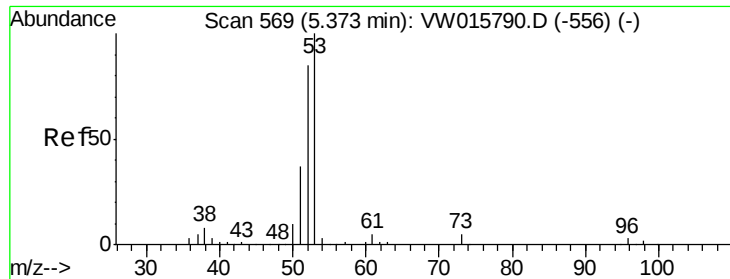
Ion Ratio Lower Upper

41 100

39 81.0 64.0 96.0

76 35.9 28.9 43.3





#15

Acrylonitrile

Concen: 104.931 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

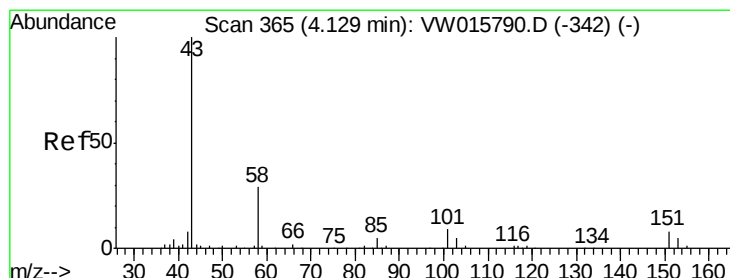
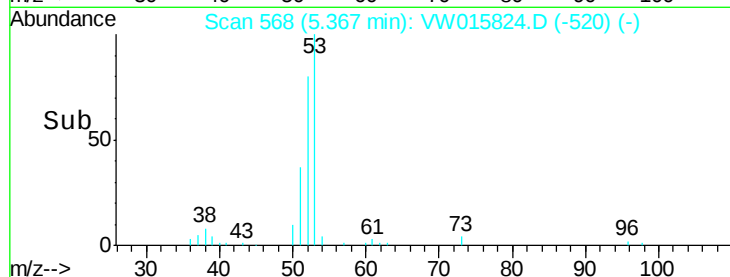
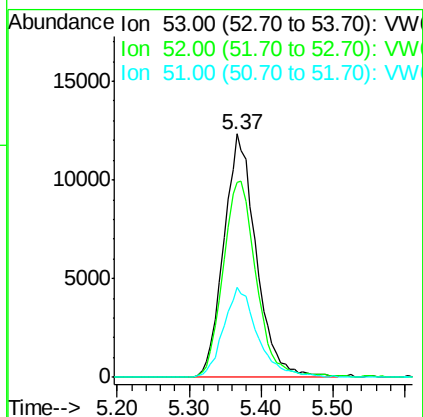
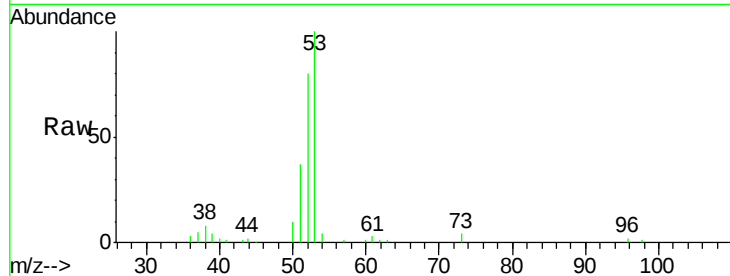
Tot Ion: 53 Resp: 38520

Ion Ratio Lower Upper

53 100

52 82.7 65.8 98.8

51 38.6 30.2 45.2



#16

Acetone

Concen: 110.917 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015824.D

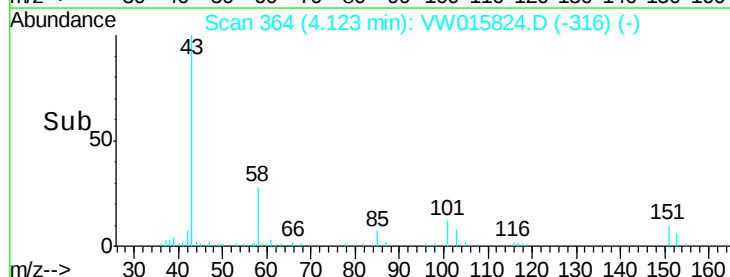
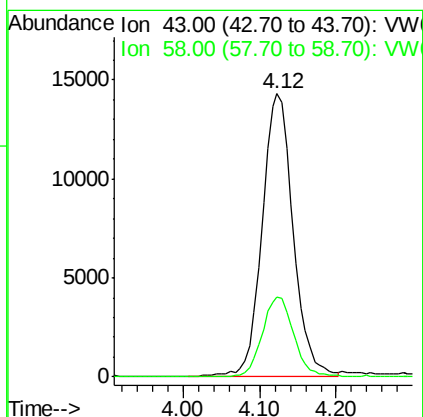
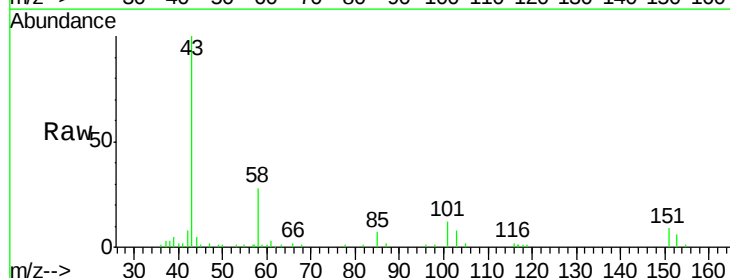
Acq: 09 Jul 2020 13:18

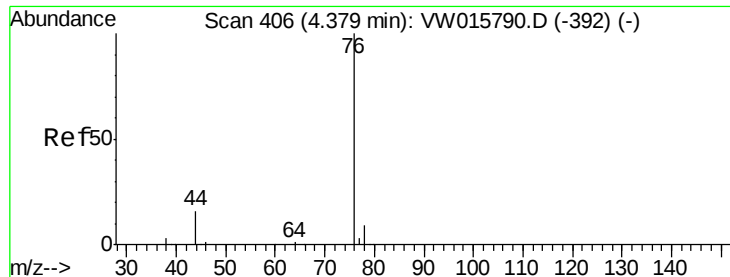
Tgt Ion: 43 Resp: 40577

Ion Ratio Lower Upper

43 100

58 28.1 23.5 35.3

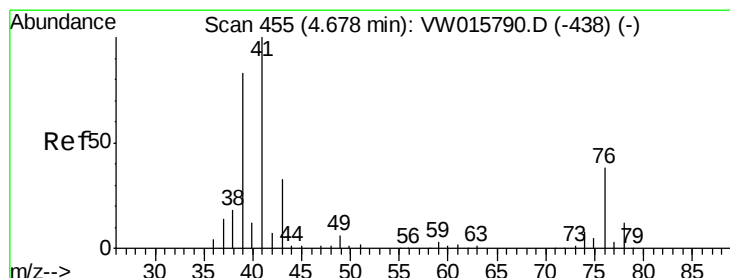
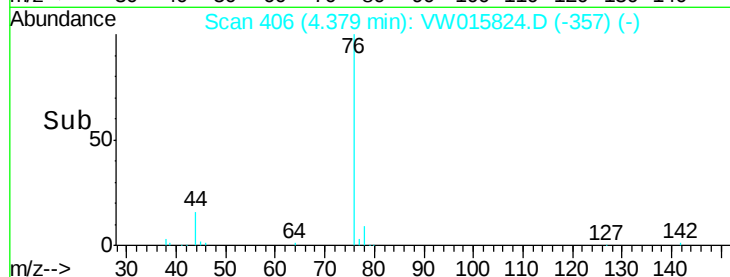
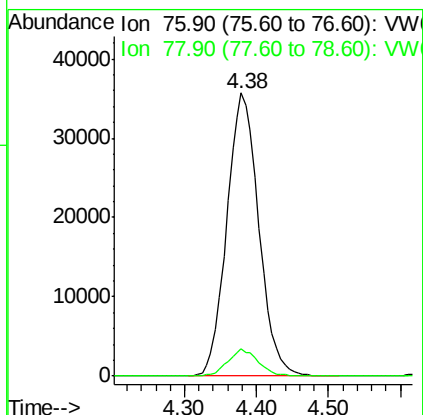
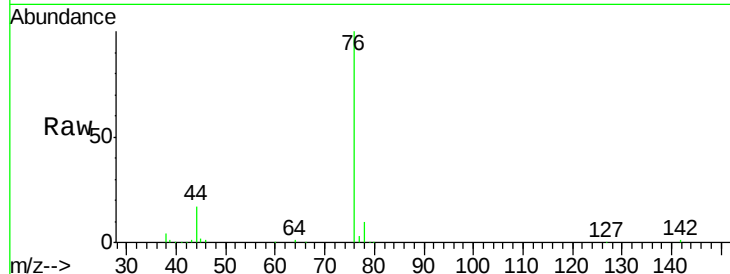




#17
Carbon Disulfide
Concen: 21.275 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

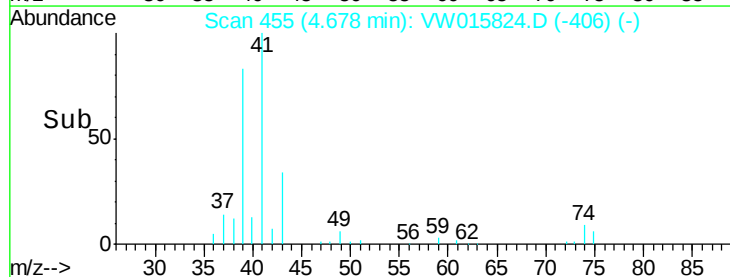
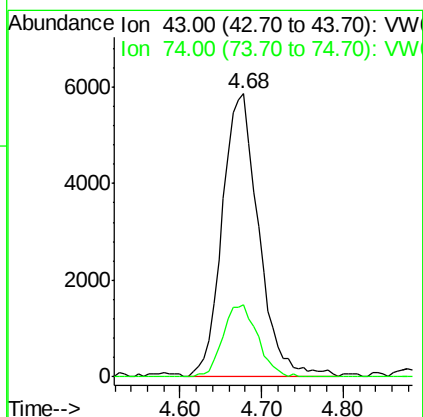
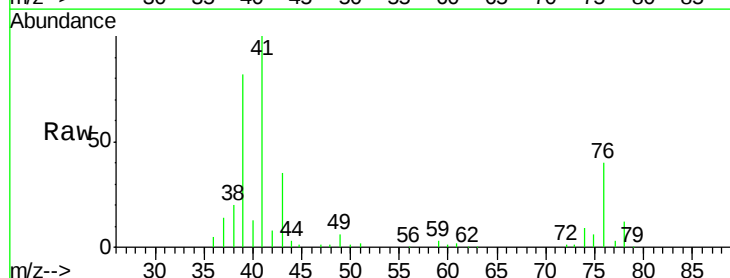
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

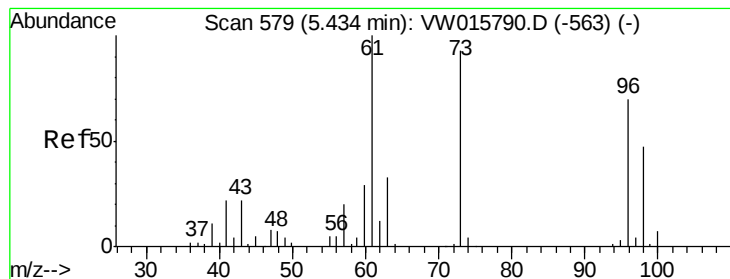
Tot Ion: 76 Resp: 109762
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 21.837 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion: 43 Resp: 18180
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8



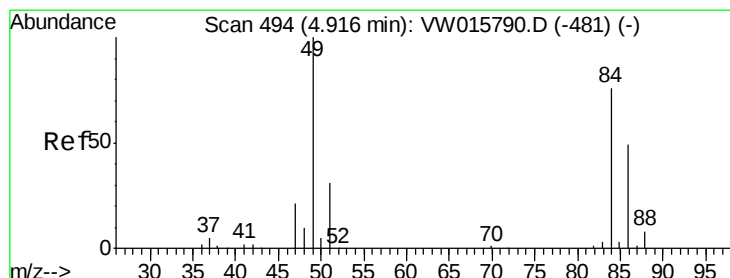
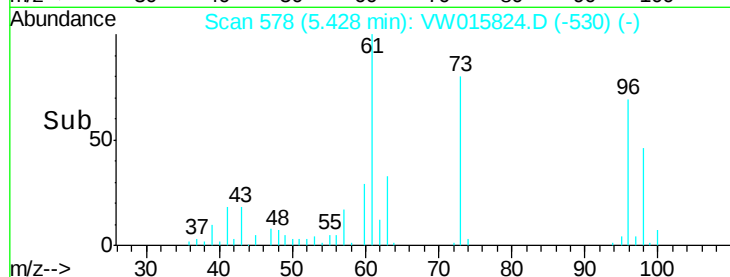
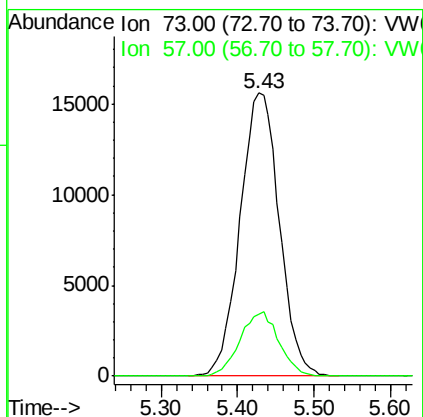
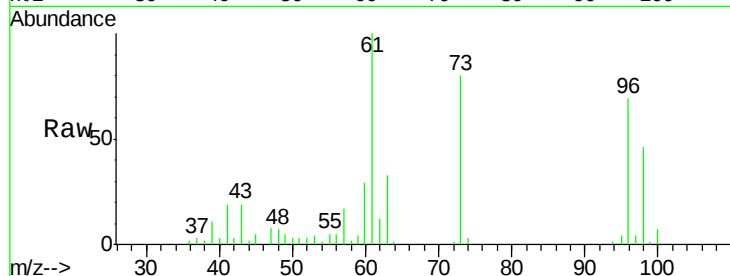


#19

Methyl tert-butyl Ether
 Concen: 21.398 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0709SBS01

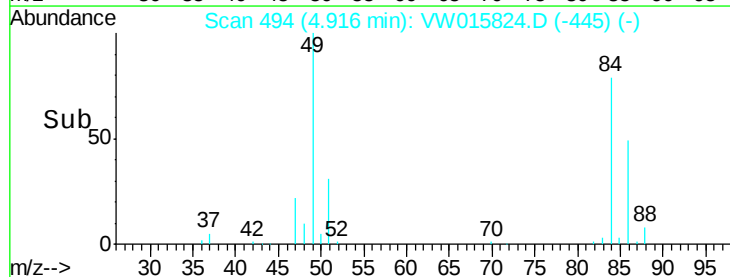
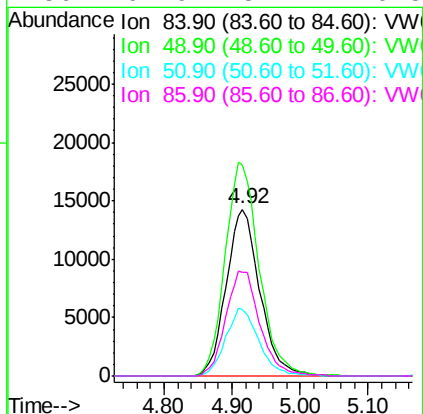
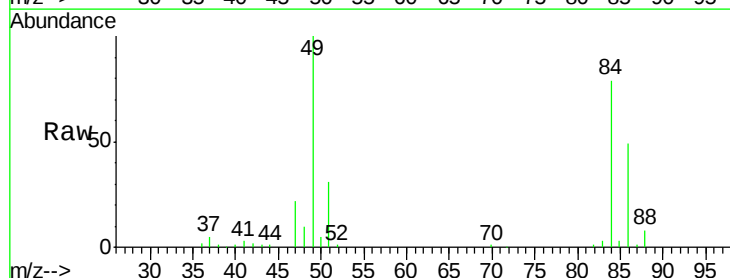
Tot Ion: 73 Resp: 55543
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.8 25.2

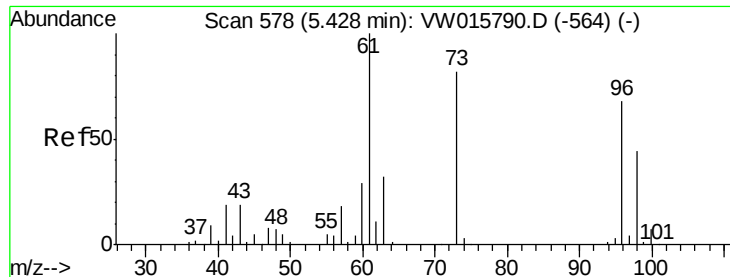


#20

Methylene Chloride
 Concen: 23.615 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion: 84 Resp: 48899
 Ion Ratio Lower Upper
 84 100
 49 126.4 105.0 157.6
 51 39.7 32.3 48.5
 86 61.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.458 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

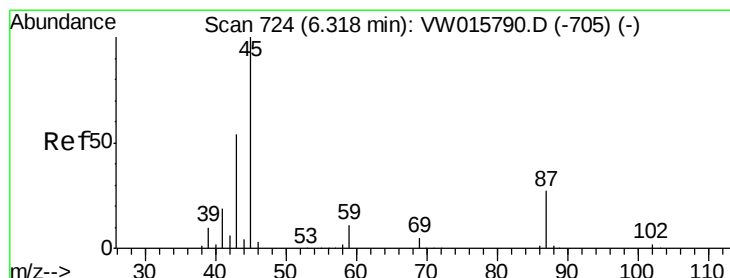
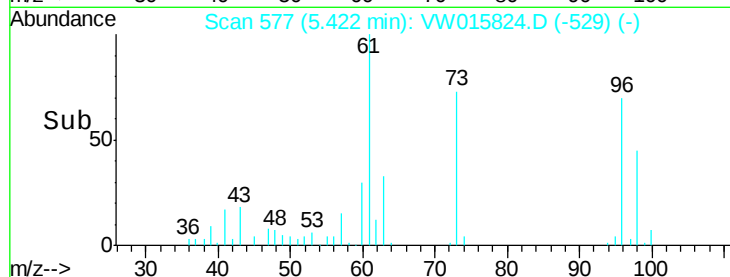
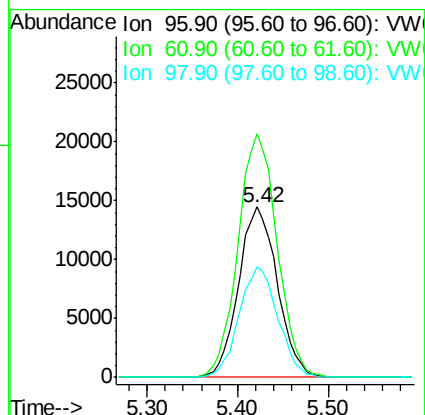
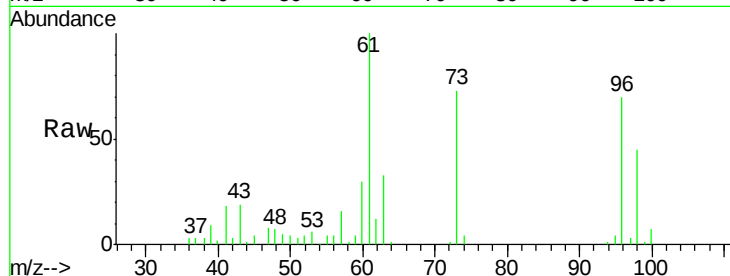
Tot Ion: 96 Resp: 43105

Ion Ratio Lower Upper

96 100

61 142.9 118.1 177.1

98 64.8 52.6 78.8



#22

Diisopropyl ether

Concen: 21.315 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Tgt Ion: 45 Resp: 121078

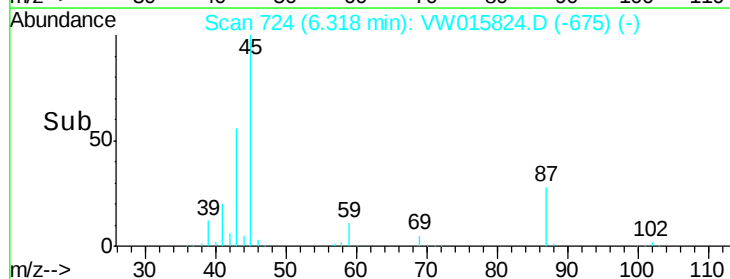
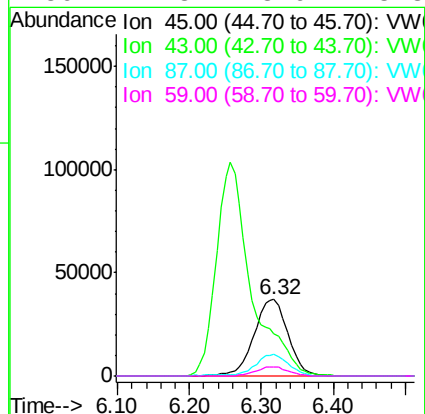
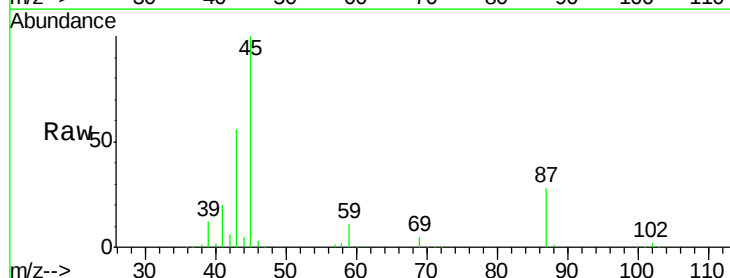
Ion Ratio Lower Upper

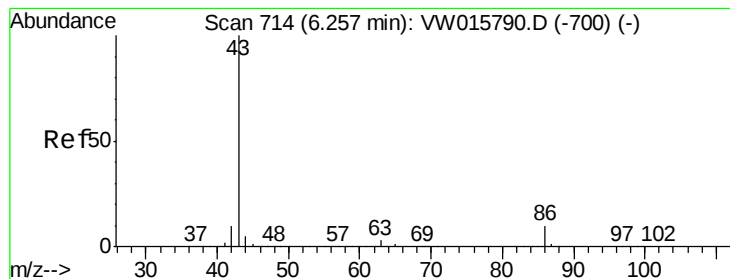
45 100

43 54.9 43.8 65.6

87 28.4 22.1 33.1

59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 103.137 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

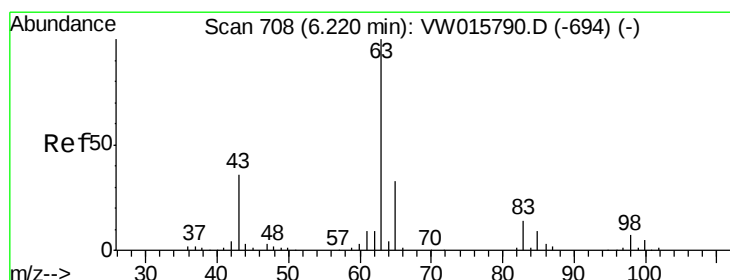
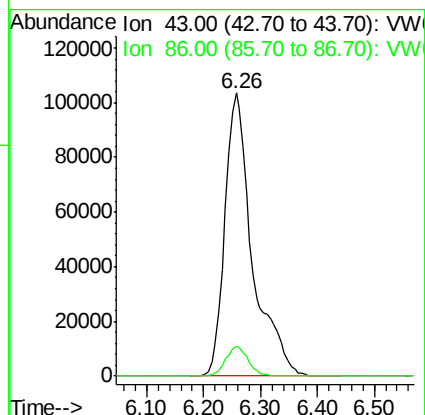
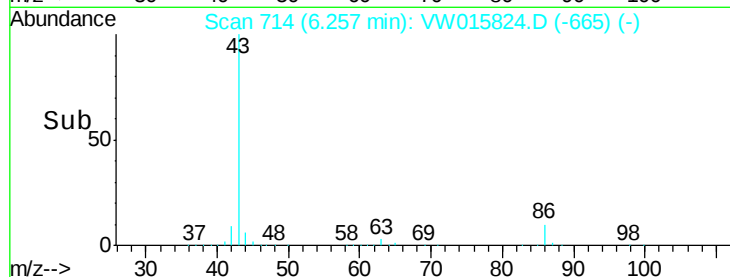
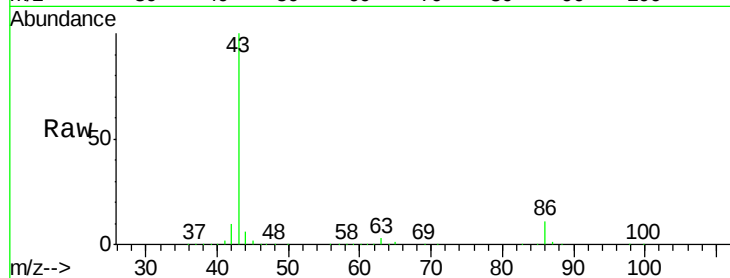
VW0709SBS01

Tot Ion: 43 Resp: 348472

Ion Ratio Lower Upper

43 100

86 10.5 8.2 12.4



#24

1,1-Dichloroethane

Concen: 21.433 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

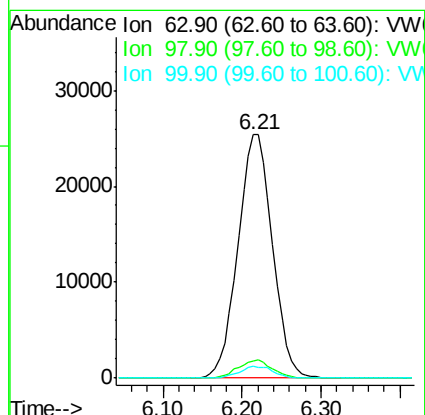
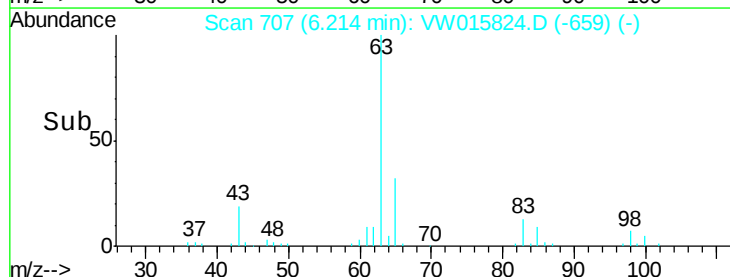
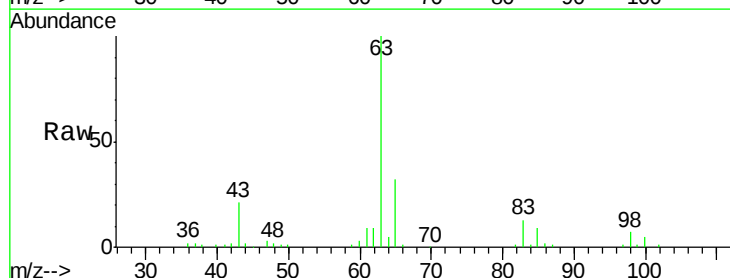
Tgt Ion: 63 Resp: 77085

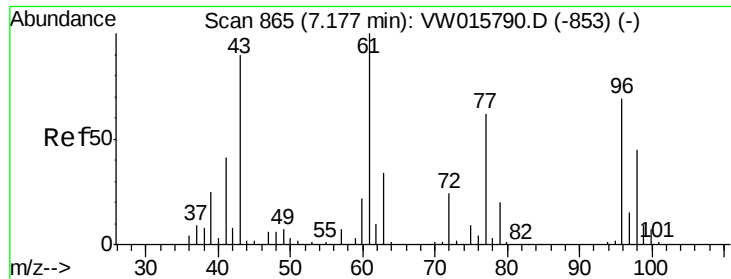
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 106.553 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampled :

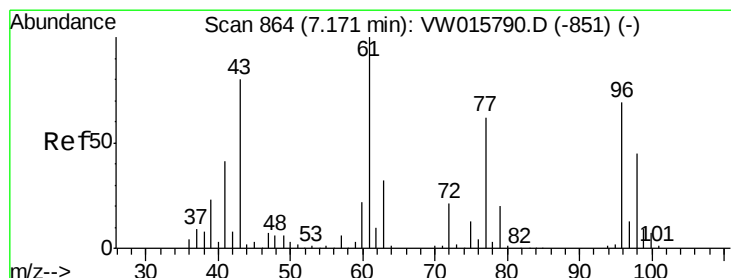
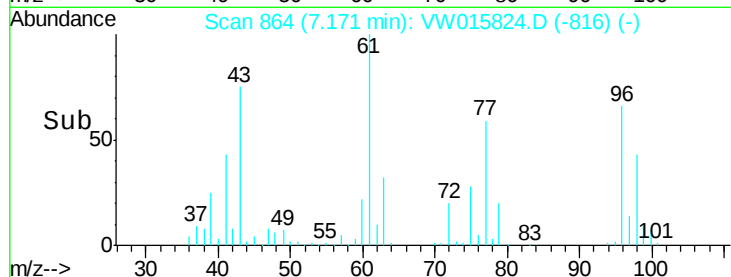
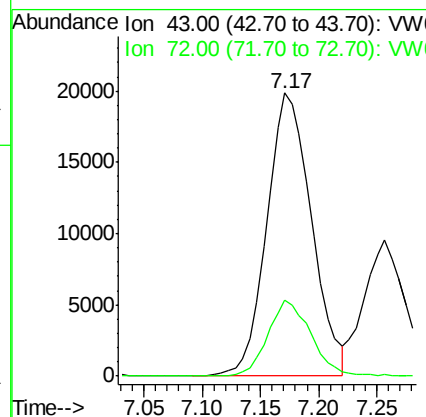
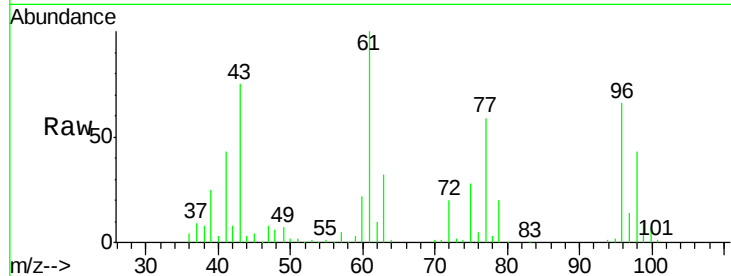
VW0709SBS01

Tot Ion: 43 Resp: 52912

Ion Ratio Lower Upper

43 100

72 27.0 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.282 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015824.D

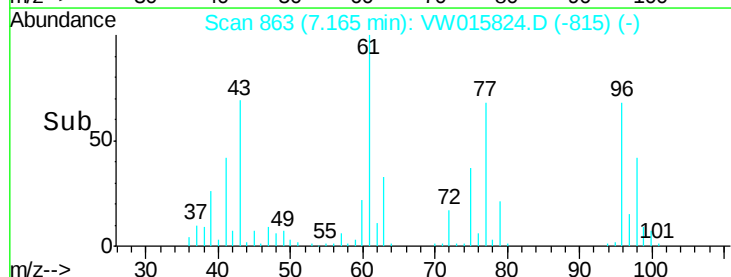
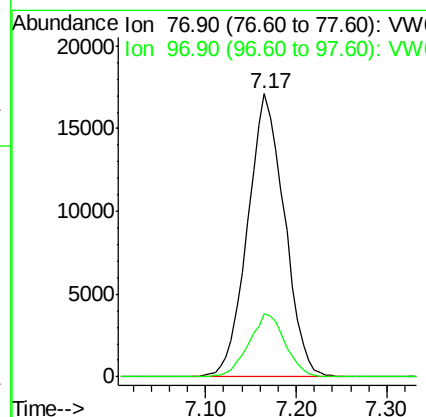
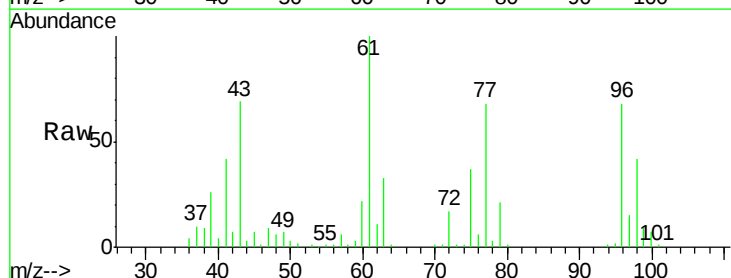
Acq: 09 Jul 2020 13:18

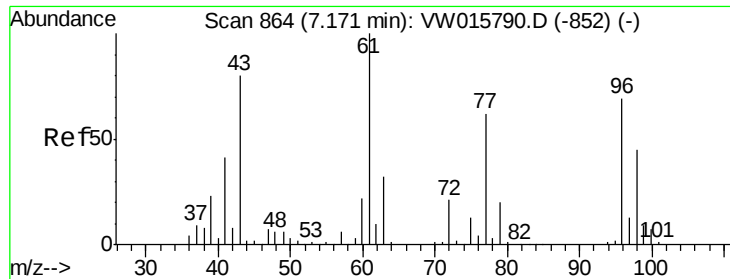
Tgt Ion: 77 Resp: 48018

Ion Ratio Lower Upper

77 100

97 21.9 11.0 33.0



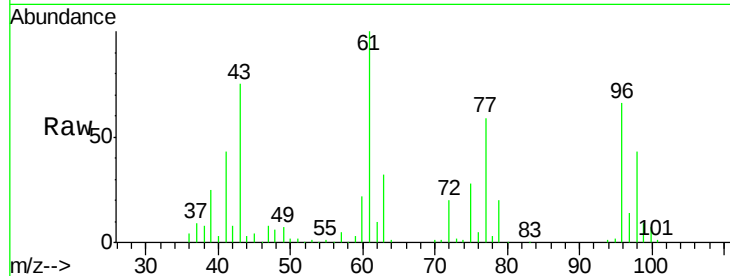


#27

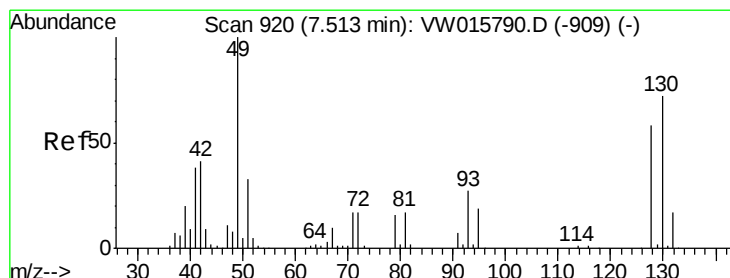
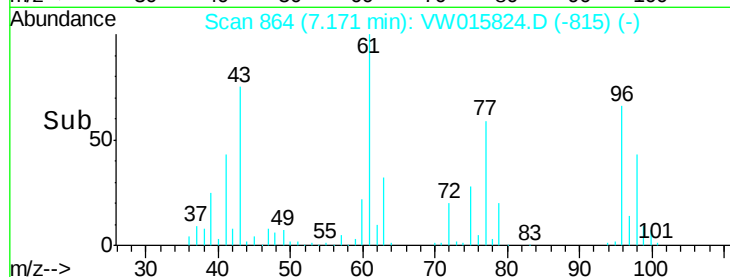
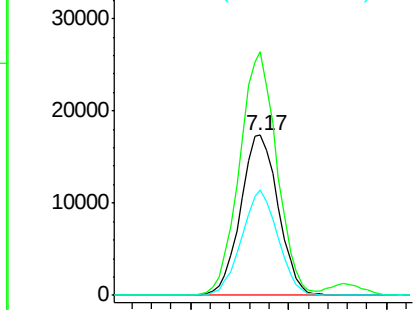
cis-1,2-Dichloroethene
Concen: 21.511 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion: 96 Resp: 46399
Ion Ratio Lower Upper
96 100
61 150.6 0.0 292.2
98 63.5 0.0 129.0



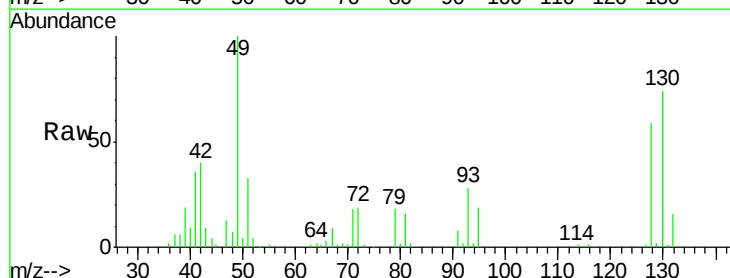
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



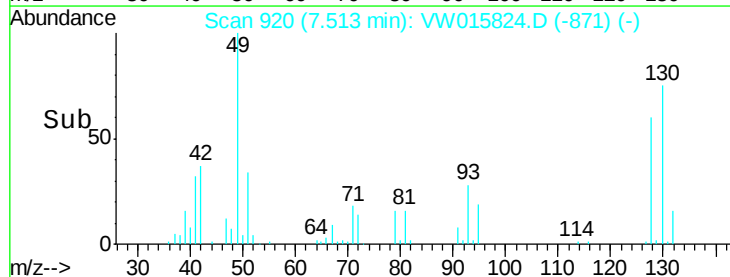
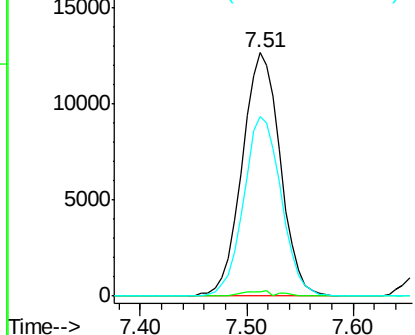
#28

Bromochloromethane
Concen: 22.359 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion: 49 Resp: 31879
Ion Ratio Lower Upper
49 100
129 1.8 0.0 2.6
130 72.6 59.5 89.3



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





#29

Tetrahydrofuran

Concen: 103.226 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

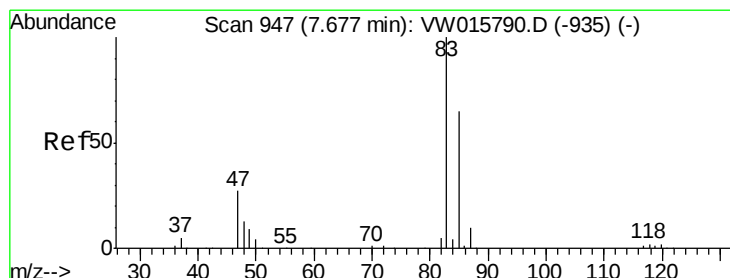
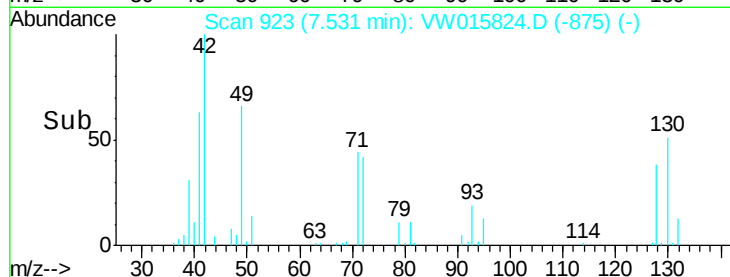
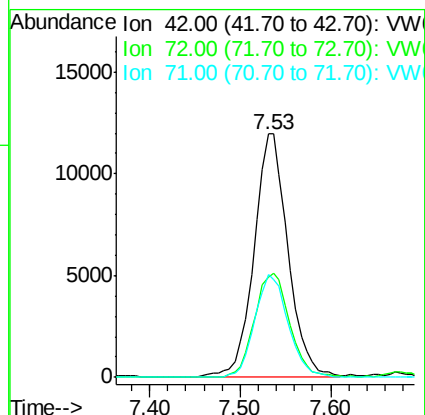
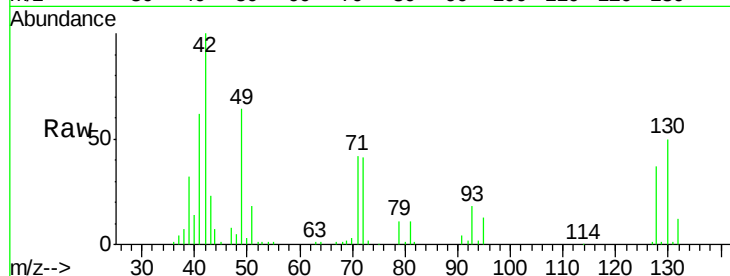
Tot Ion: 42 Resp: 31106

Ion Ratio Lower Upper

42 100

72 44.0 34.6 51.8

71 41.2 32.8 49.2



#30

Chloroform

Concen: 21.526 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW015824.D

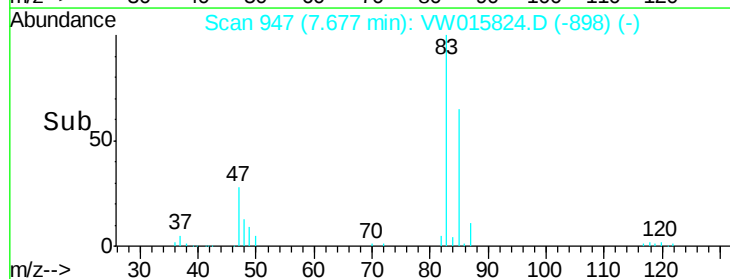
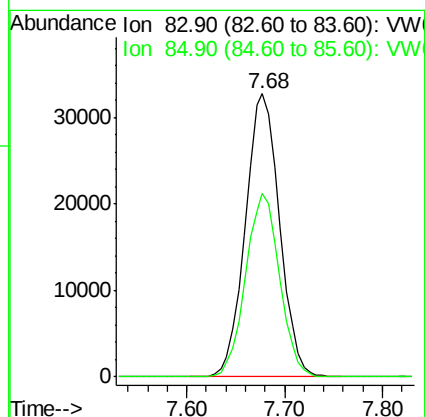
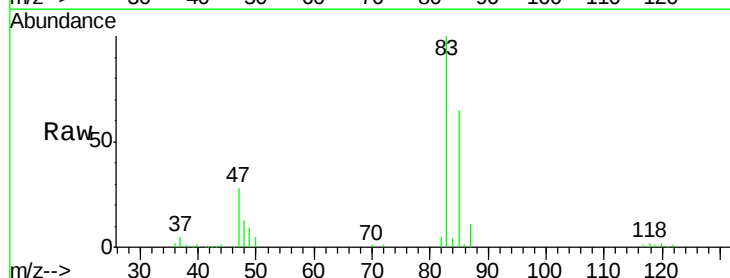
Acq: 09 Jul 2020 13:18

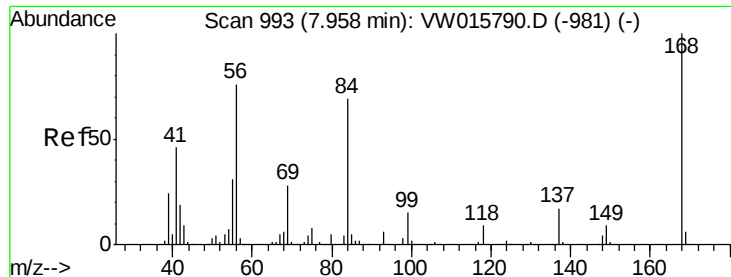
Tgt Ion: 83 Resp: 79141

Ion Ratio Lower Upper

83 100

85 64.8 51.6 77.4

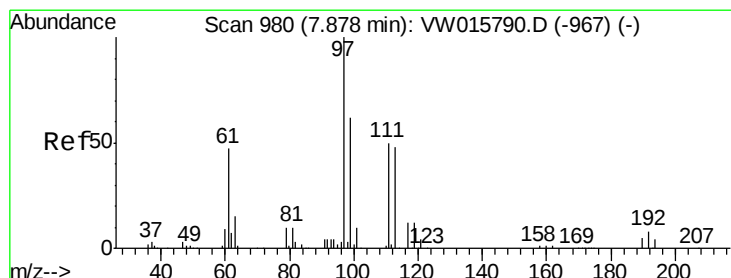
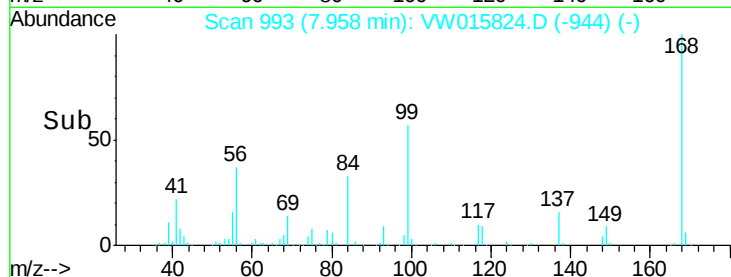
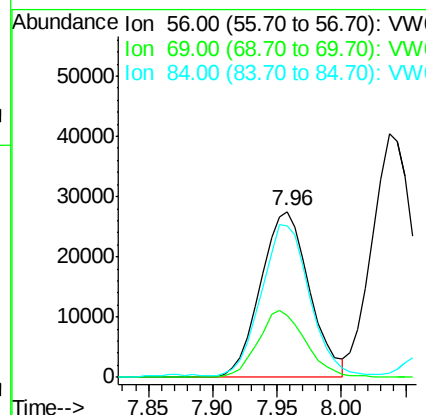
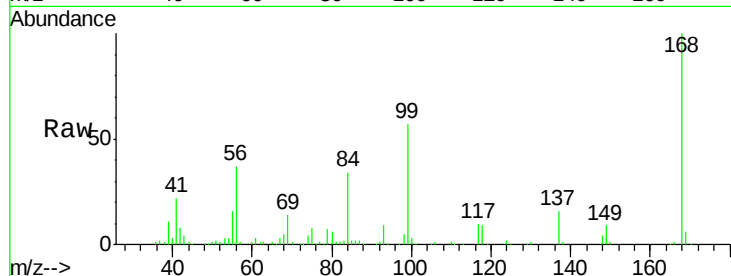




#31
Cyclohexane
Concen: 21.421 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

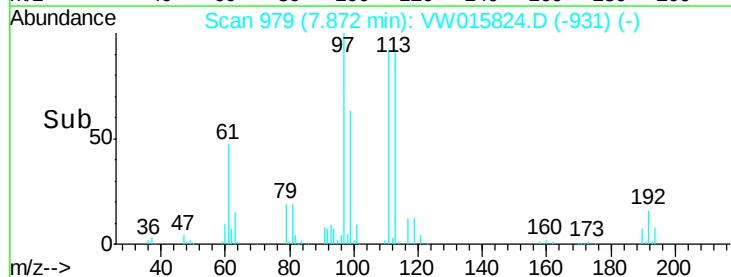
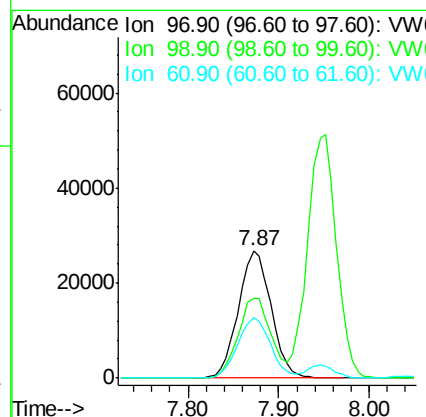
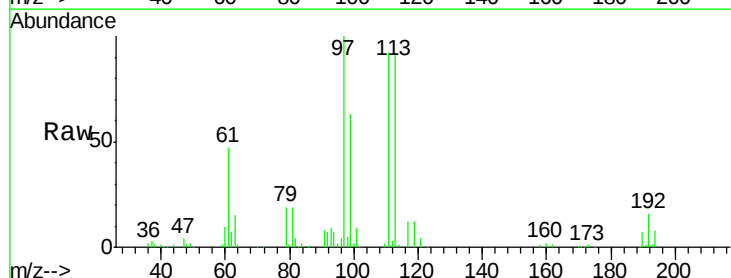
Instrument :
MSVOA_W
ClientSampled :
VW0709SBS01

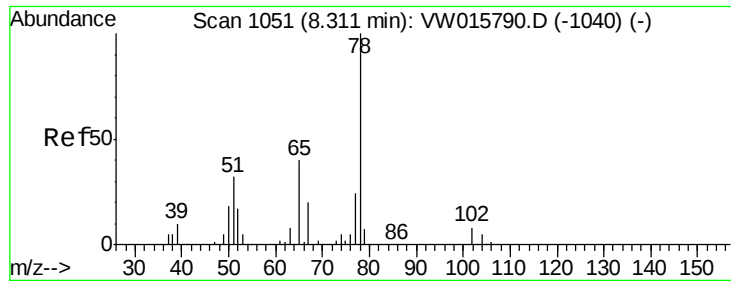
Tot Ion: 56 Resp: 72509
Ion Ratio Lower Upper
56 100
69 37.4 28.9 43.3
84 89.8 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 21.768 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion: 97 Resp: 67107
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 48.1 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 48.116 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

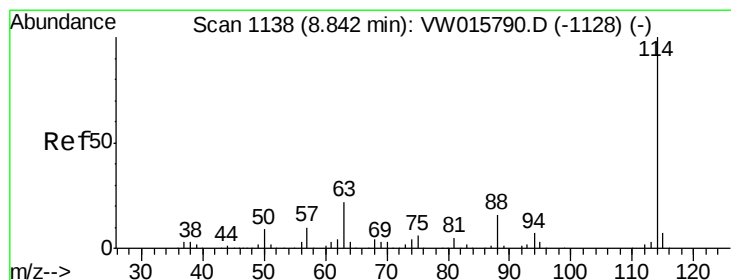
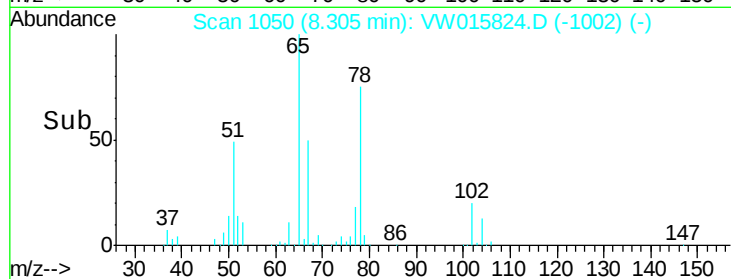
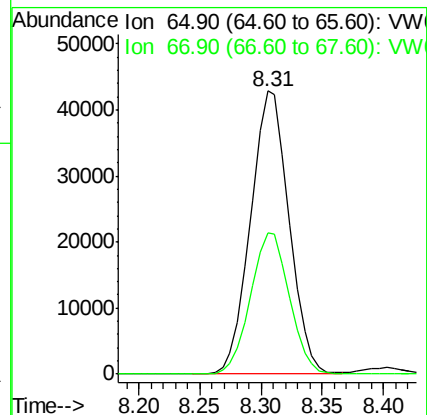
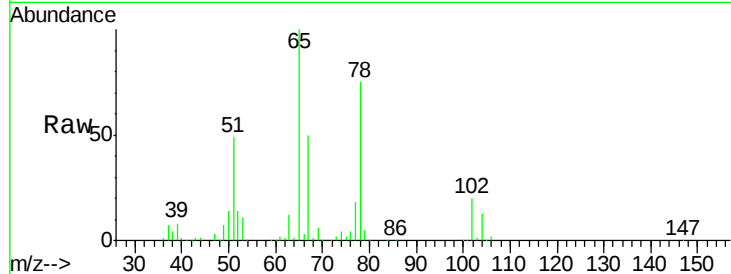
VW0709SBS01

Tot Ion: 65 Resp: 94075

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

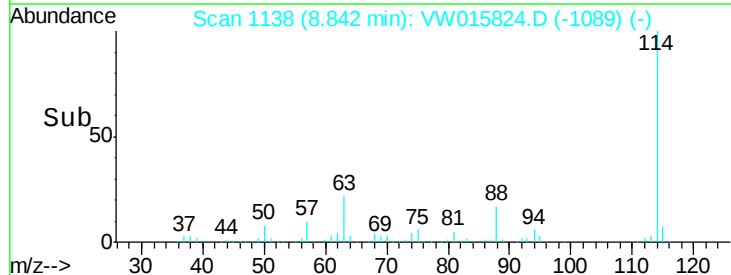
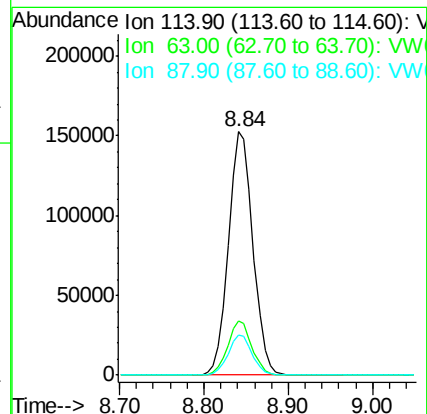
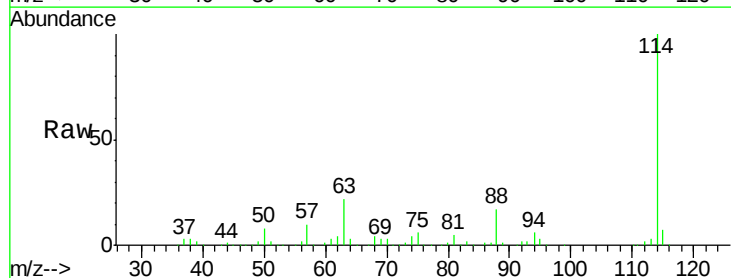
Tgt Ion: 114 Resp: 301765

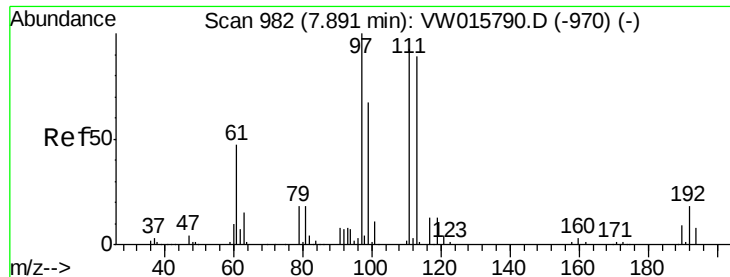
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.860 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

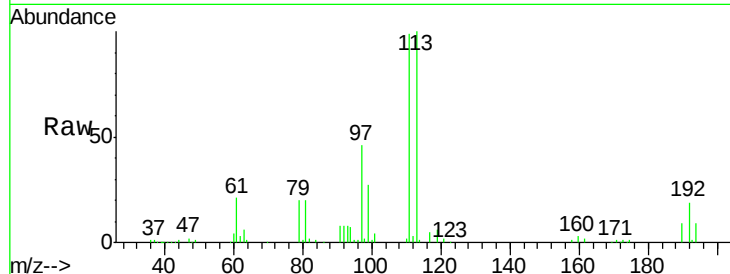
Tot Ion:113 Resp: 82499

Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

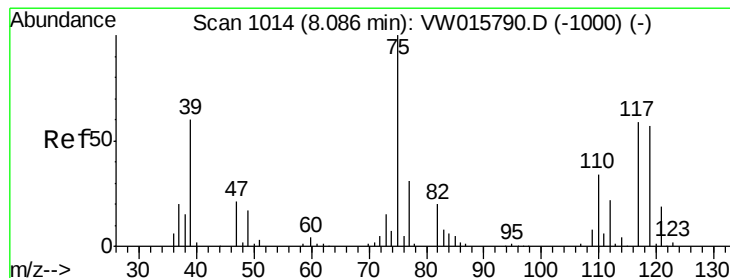
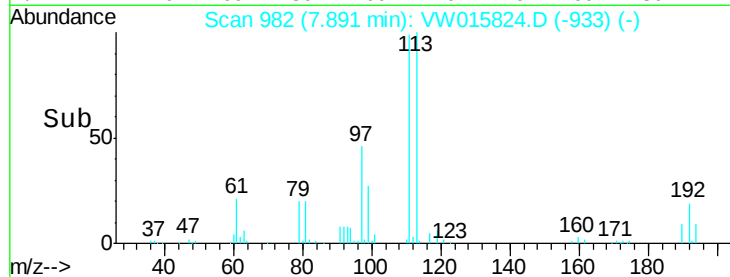
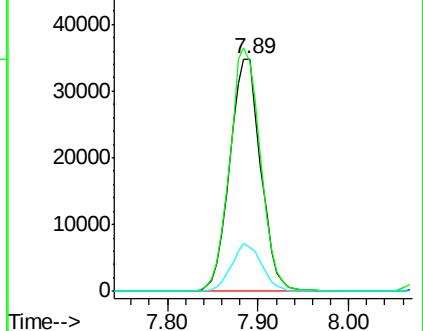
192 19.9 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.952 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

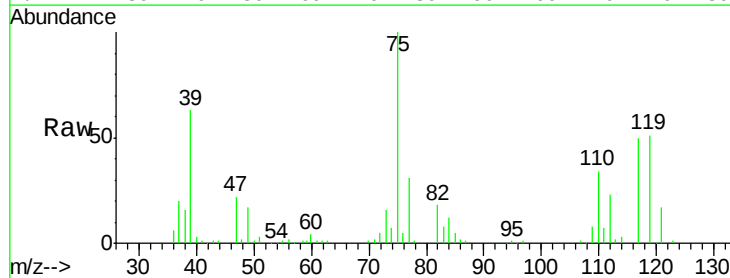
Tgt Ion: 75 Resp: 65299

Ion Ratio Lower Upper

75 100

110 33.1 16.8 50.3

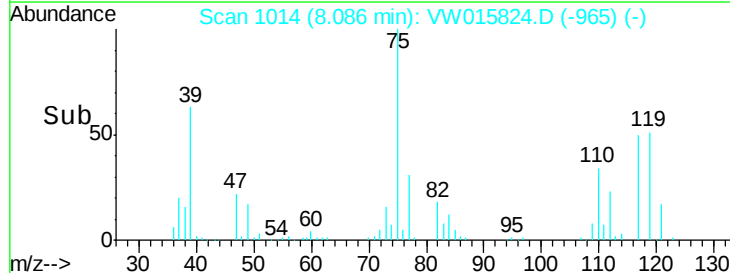
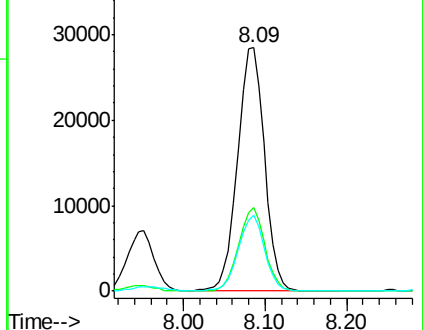
77 30.4 24.7 37.1

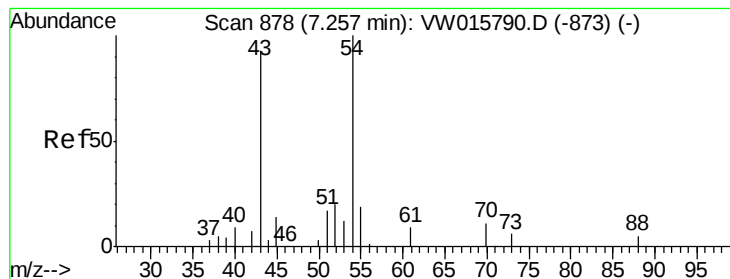


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 20.602 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

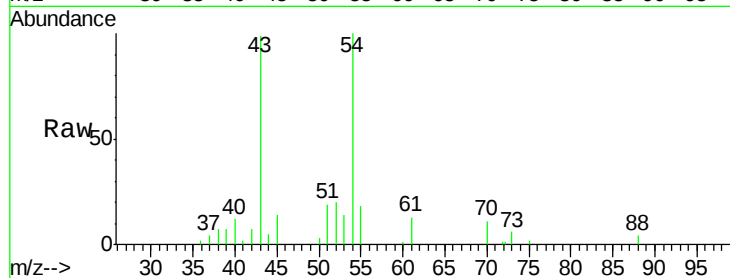
Tot Ion: 43 Resp: 23813

Ion Ratio Lower Upper

43 100

61 13.6 10.4 15.6

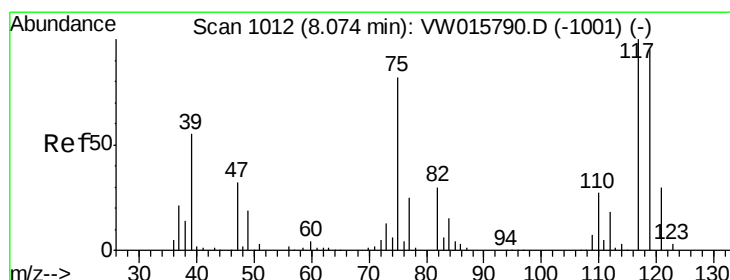
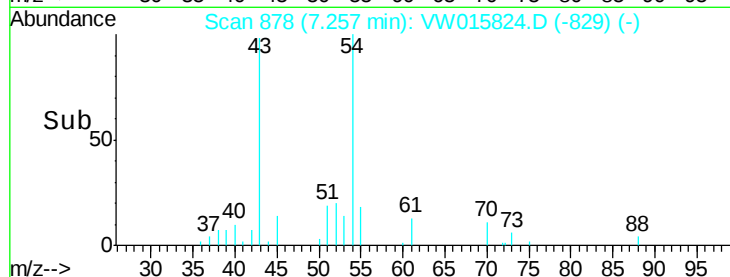
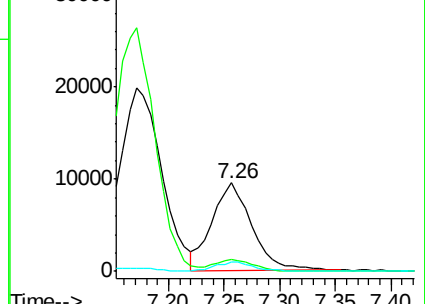
70 10.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 21.071 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

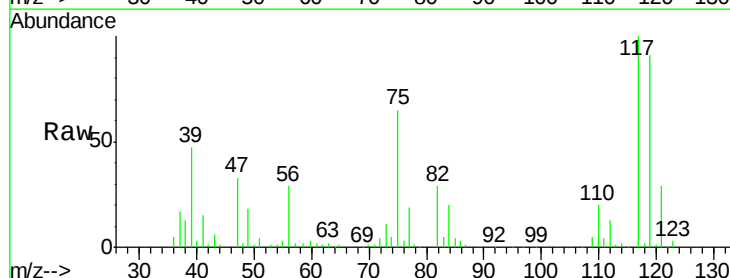
Tgt Ion: 117 Resp: 60650

Ion Ratio Lower Upper

117 100

119 91.5 76.3 114.5

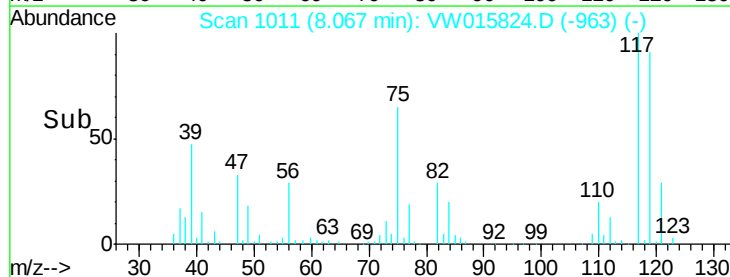
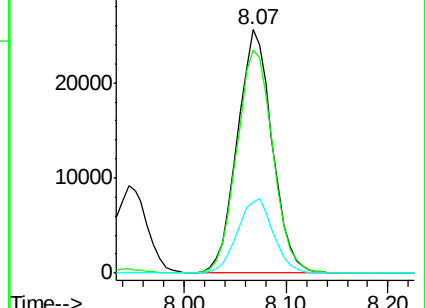
121 28.9 24.0 36.0

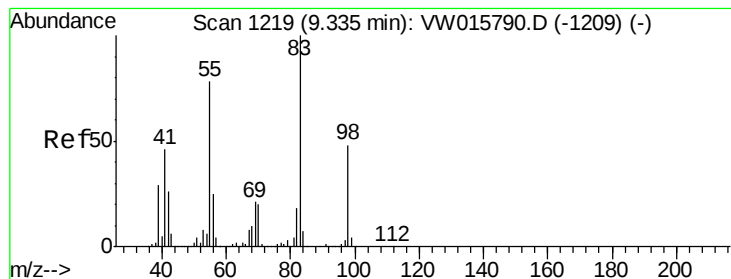


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 21.223 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

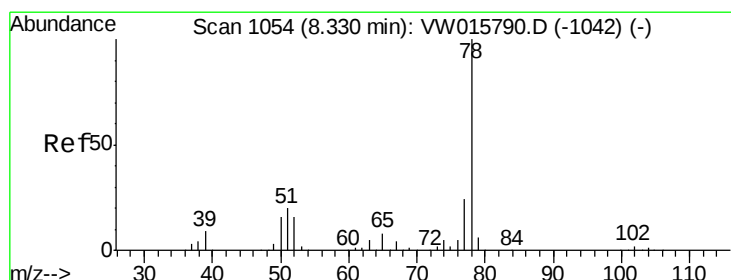
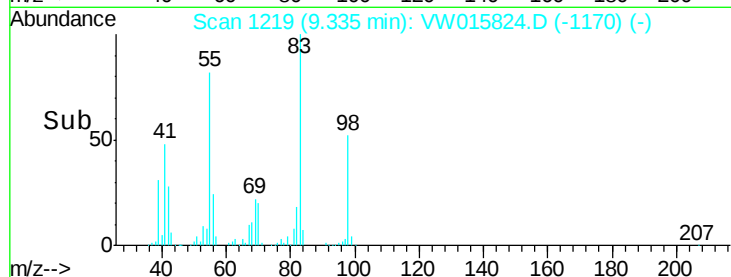
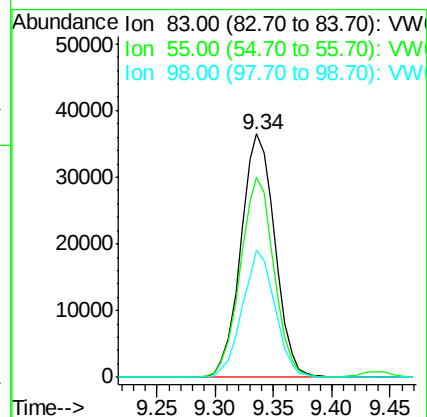
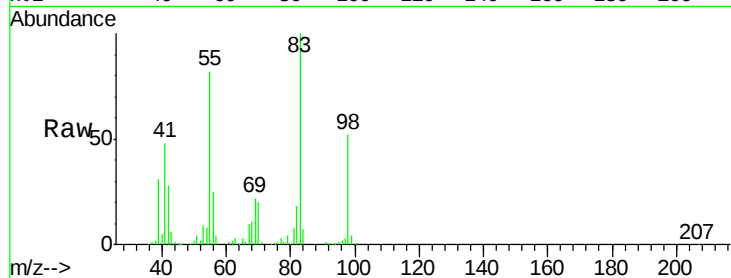
Tot Ion: 83 Resp: 74497

Ion Ratio Lower Upper

83 100

55 81.9 62.6 94.0

98 52.2 38.6 58.0



#40

Benzene

Concen: 21.528 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW015824.D

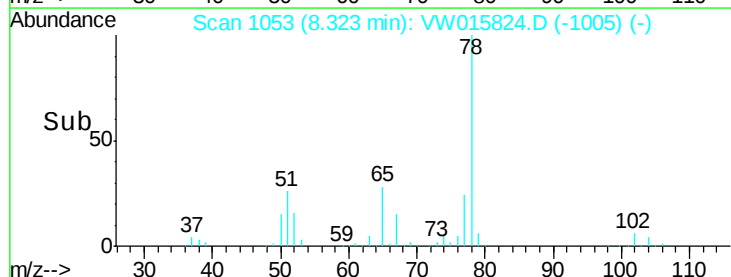
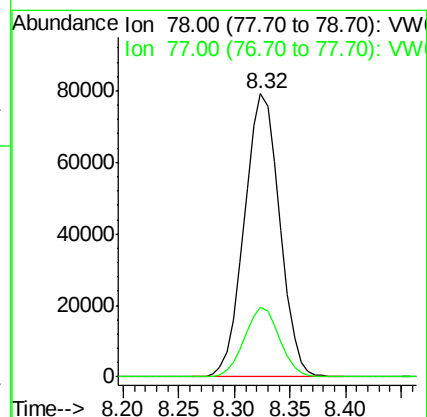
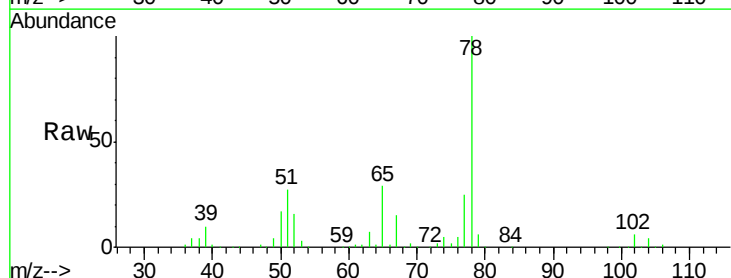
Acq: 09 Jul 2020 13:18

Tgt Ion: 78 Resp: 175422

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6

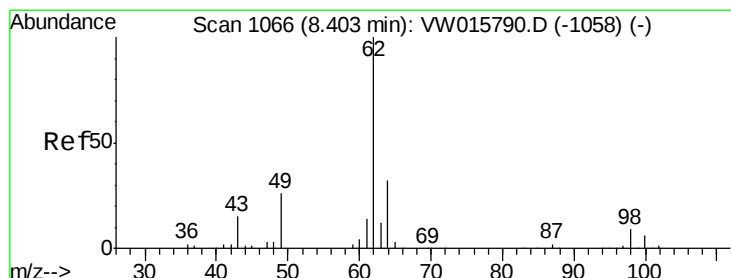
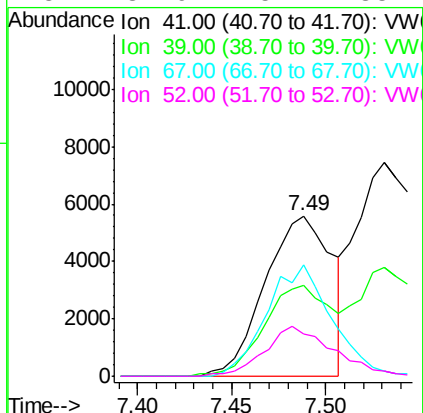
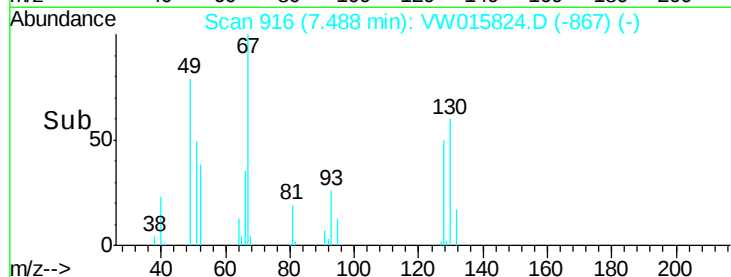
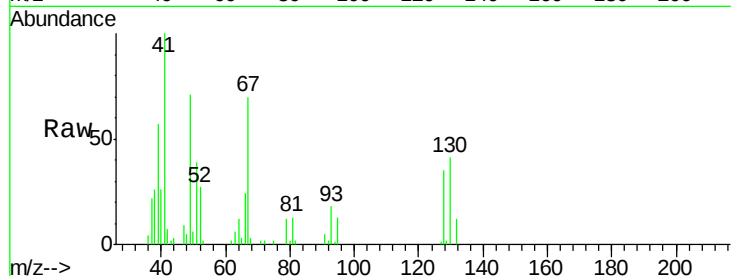




#41
Methacrylonitrile
Concen: 20.975 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

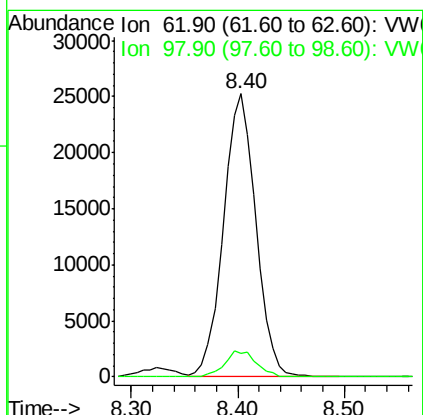
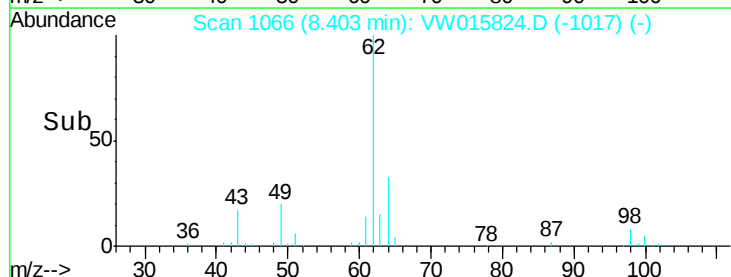
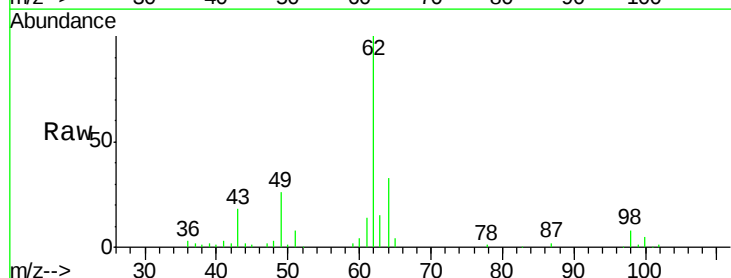
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

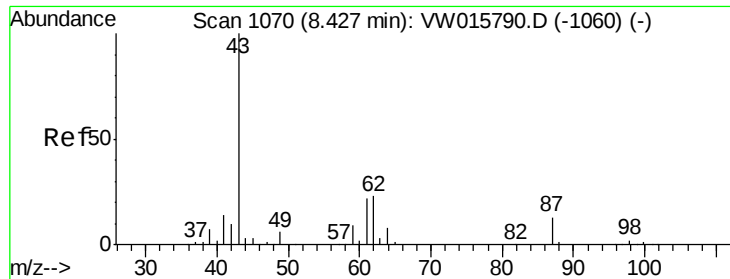
Tot Ion:	41	Resp:	13764
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.6	66.8
67	67.7	56.4	84.6
52	31.9	25.4	38.2



#42
1,2-Dichloroethane
Concen: 21.182 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion:	62	Resp:	53720
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.681 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

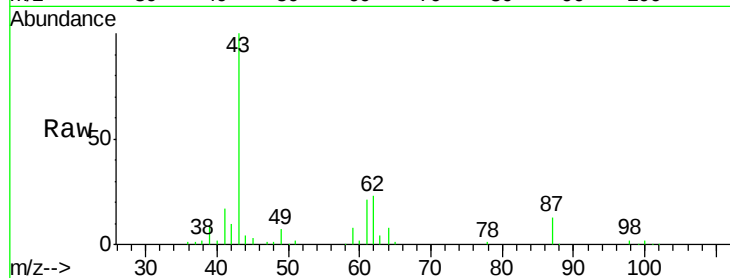
Tot Ion: 43 Resp: 44403

Ion Ratio Lower Upper

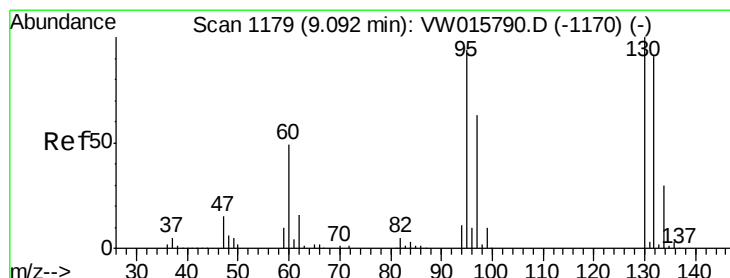
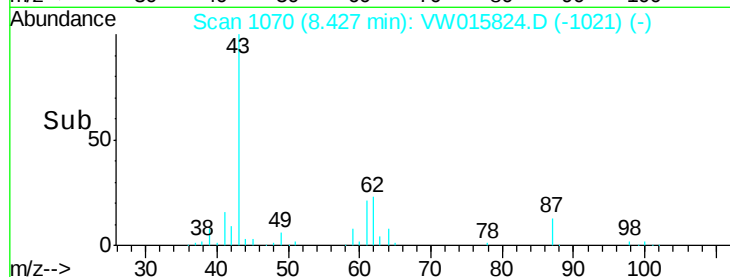
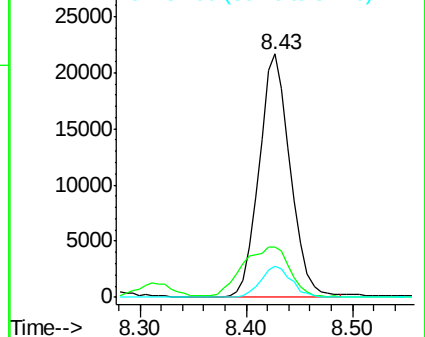
43 100

61 31.9 24.8 37.2

87 12.6 10.4 15.6



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



#44

Trichloroethene

Concen: 20.840 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015824.D

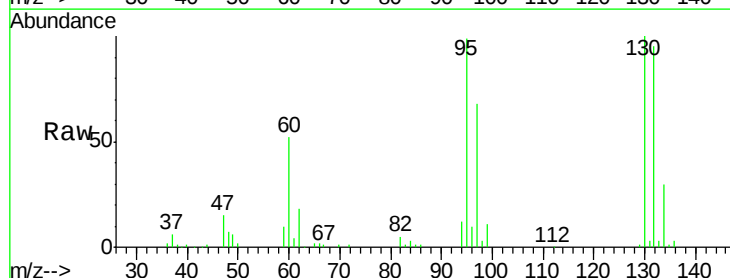
Acq: 09 Jul 2020 13:18

Tgt Ion: 130 Resp: 44917

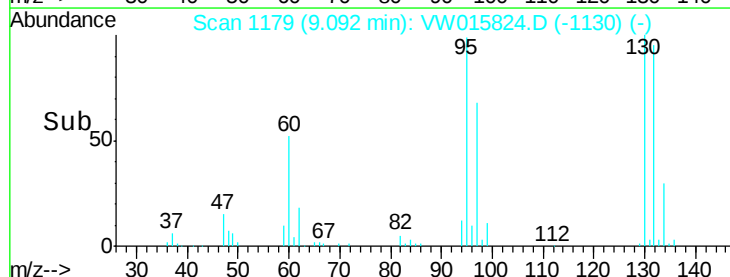
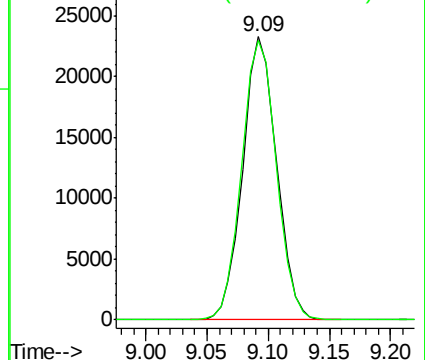
Ion Ratio Lower Upper

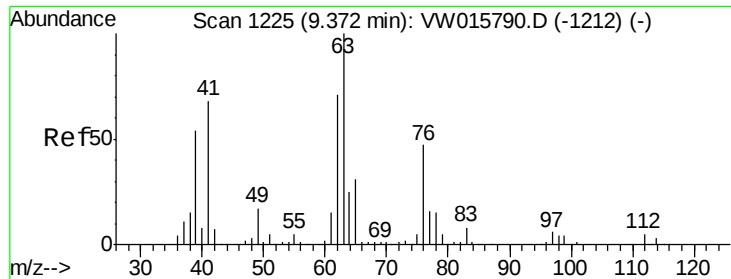
130 100

95 98.9 0.0 188.6



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

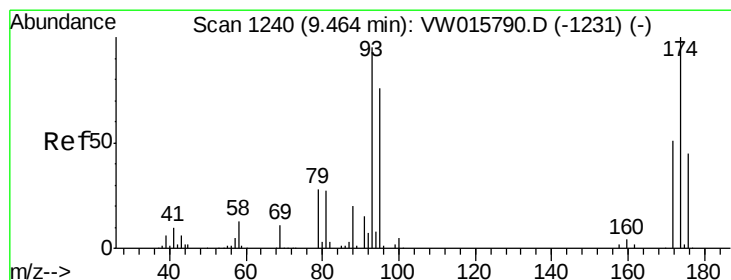
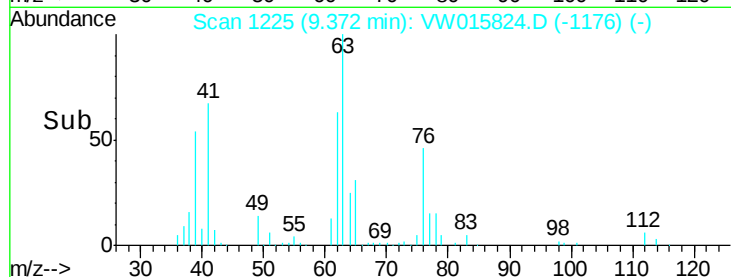
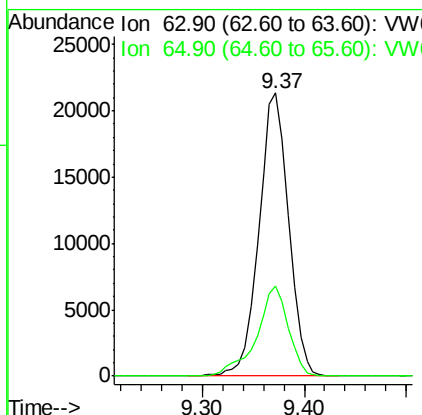
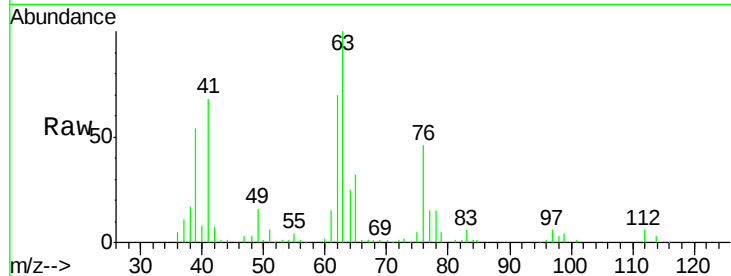




#45
 1,2-Dichloropropane
 Concen: 21.528 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

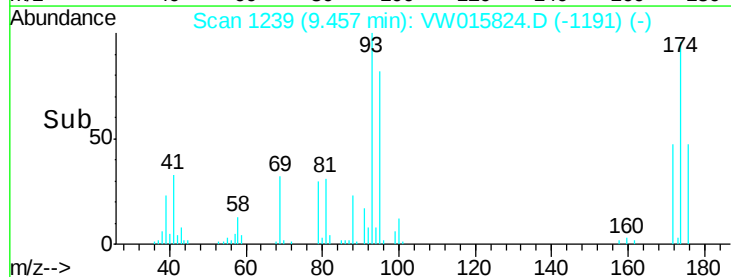
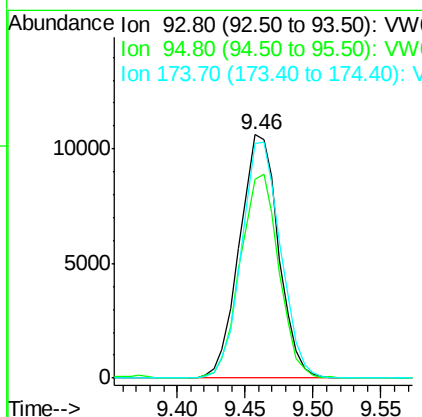
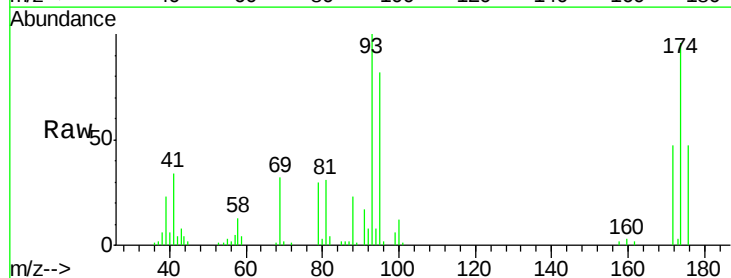
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion: 63 Resp: 43118
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.5 36.7



#46
 Dibromomethane
 Concen: 20.697 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion: 93 Resp: 21342
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.0 99.0
 174 97.1 78.7 118.1





#47

Bromodichloromethane

Concen: 21.008 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

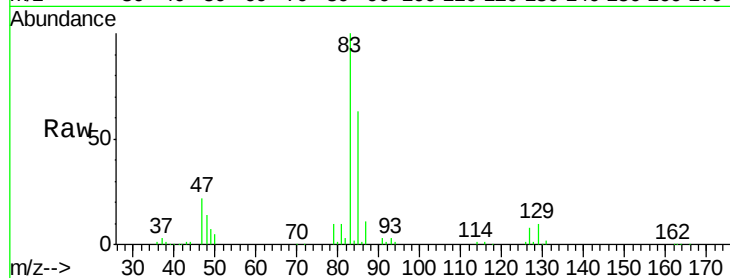
Tot Ion: 83 Resp: 56030

Ion Ratio Lower Upper

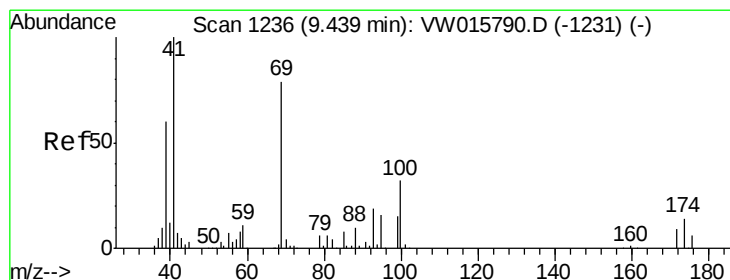
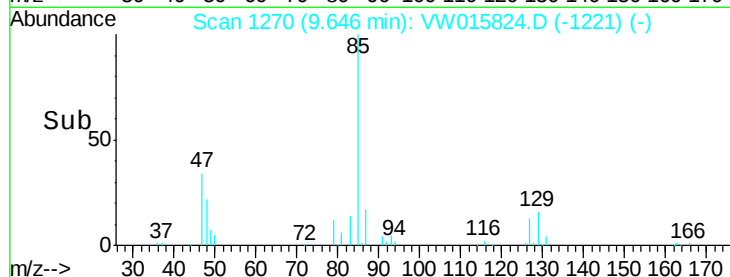
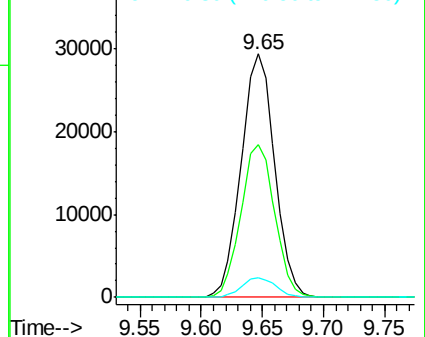
83 100

85 62.8 50.6 76.0

127 8.3 6.2 9.2



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



#48

Methyl methacrylate

Concen: 20.046 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

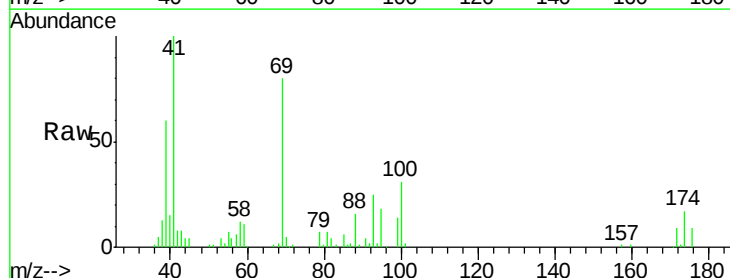
Tgt Ion: 41 Resp: 20727

Ion Ratio Lower Upper

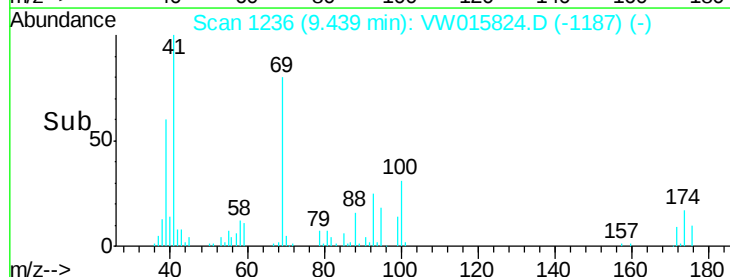
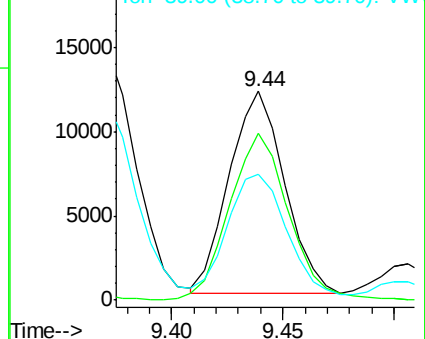
41 100

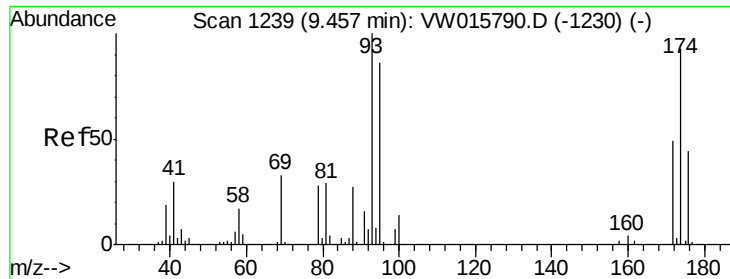
69 88.6 67.1 100.7

39 62.4 49.9 74.9



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

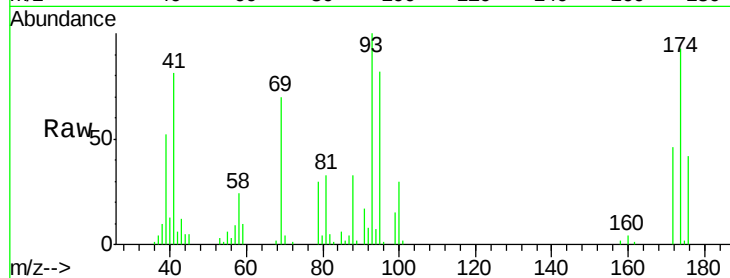




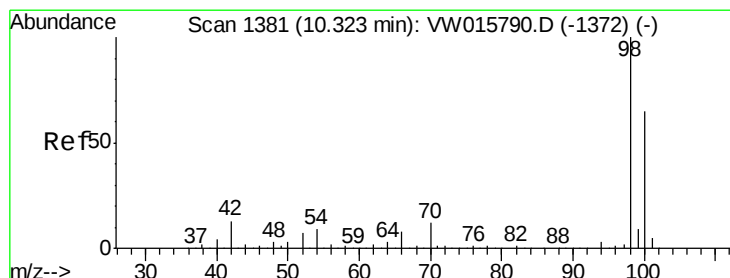
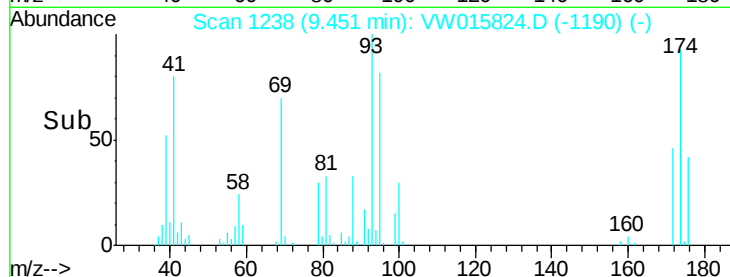
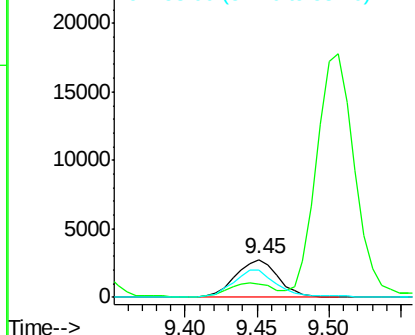
#49
1,4-Dioxane
Concen: 443.348 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion: 88 Resp: 5652
Ion Ratio Lower Upper
88 100
43 41.9 28.1 42.1
58 72.6 59.3 88.9

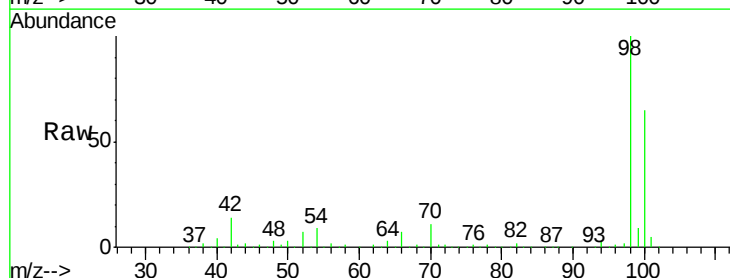


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

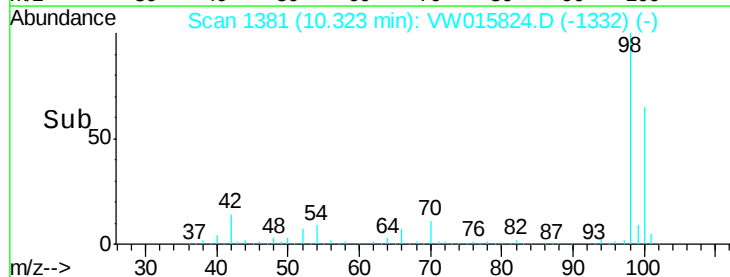
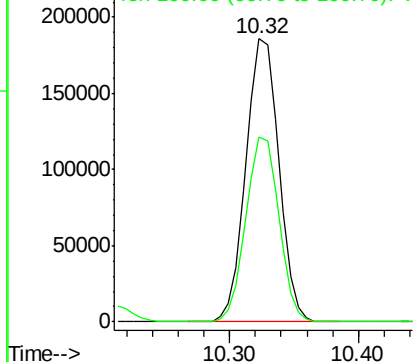


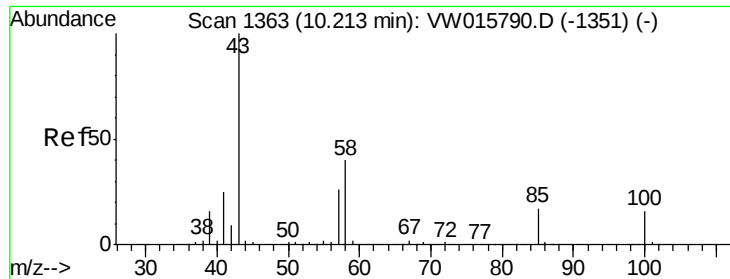
#50
Toluene-d8
Concen: 48.654 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion: 98 Resp: 329025
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 100.801 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

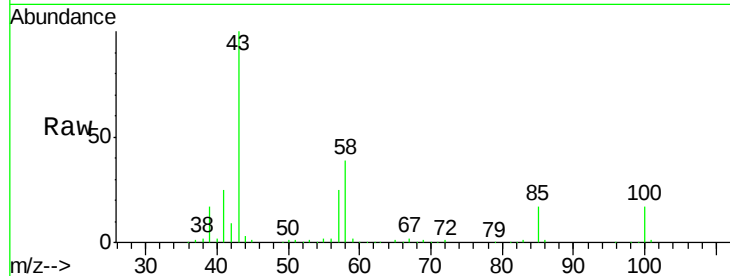
VW0709SBS01

Tot Ion: 43 Resp: 110977

Ion Ratio Lower Upper

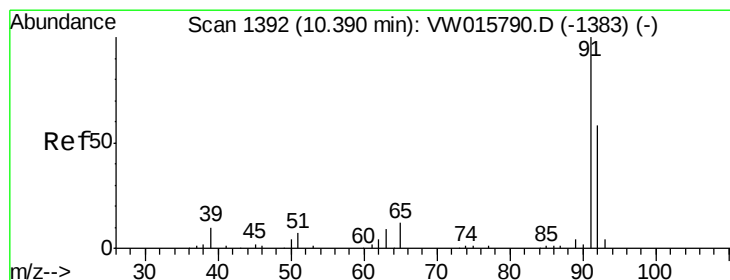
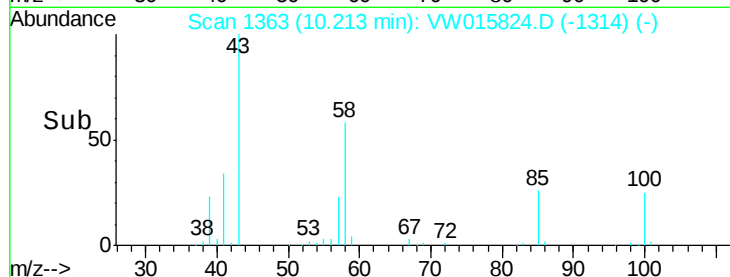
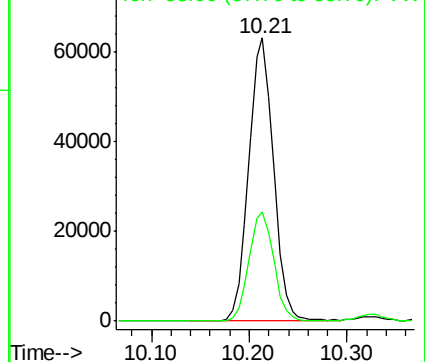
43 100

58 38.6 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.605 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015824.D

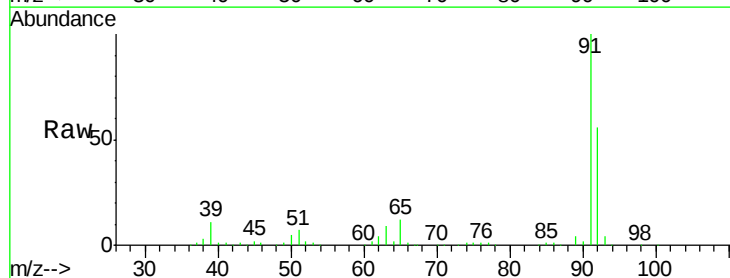
Acq: 09 Jul 2020 13:18

Tgt Ion: 92 Resp: 113292

Ion Ratio Lower Upper

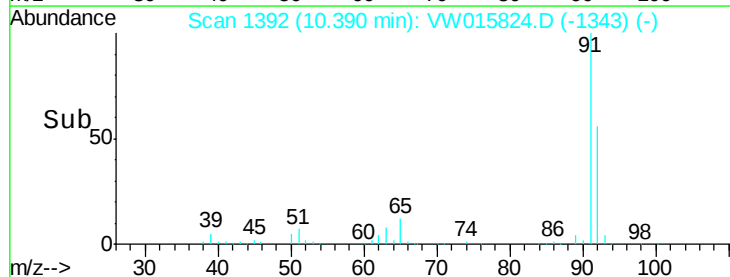
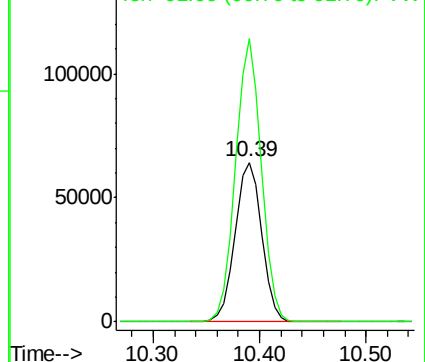
92 100

91 171.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

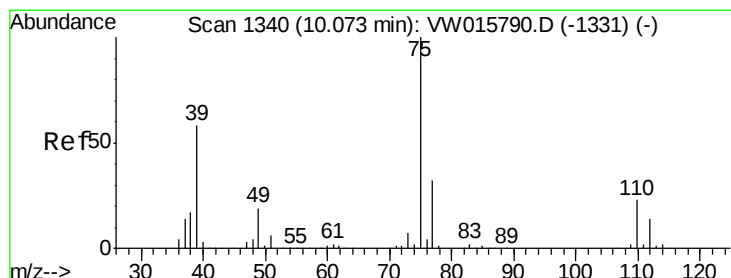
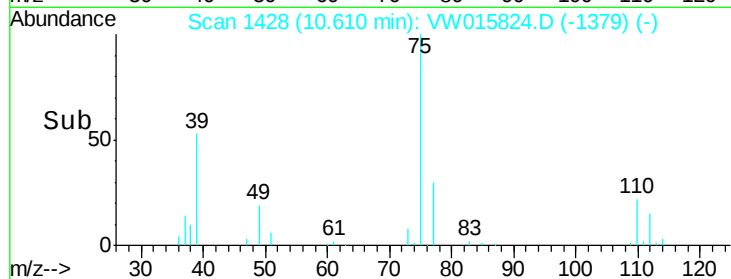
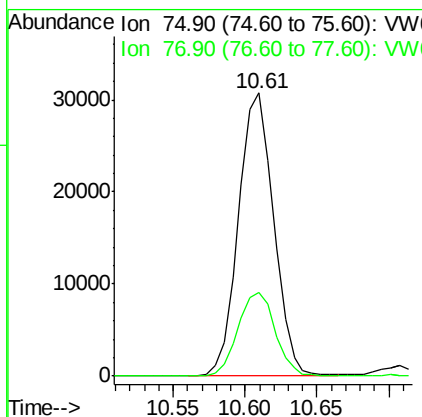
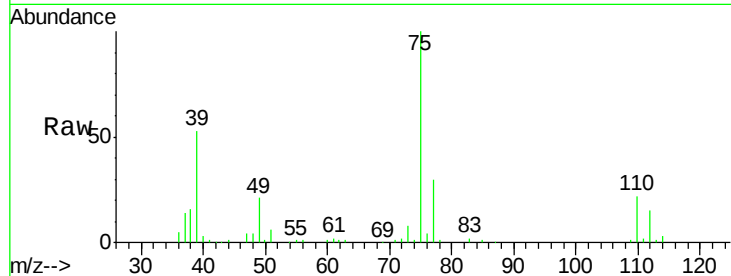




#53
 t-1,3-Dichloropropene
 Concen: 20.455 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

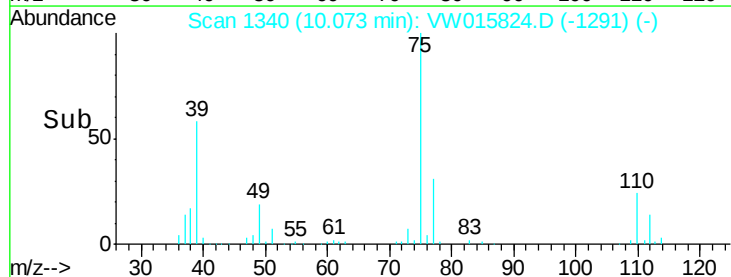
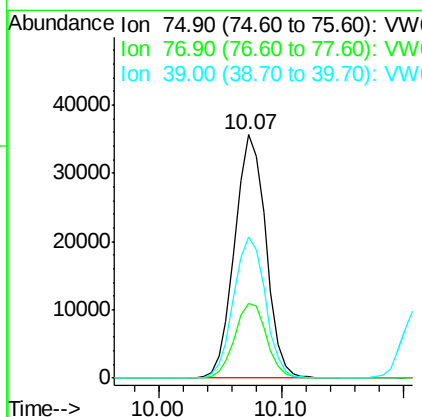
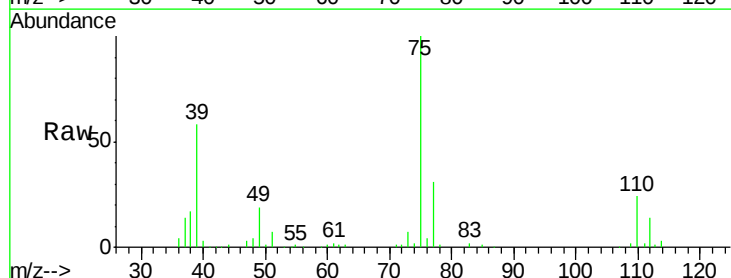
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

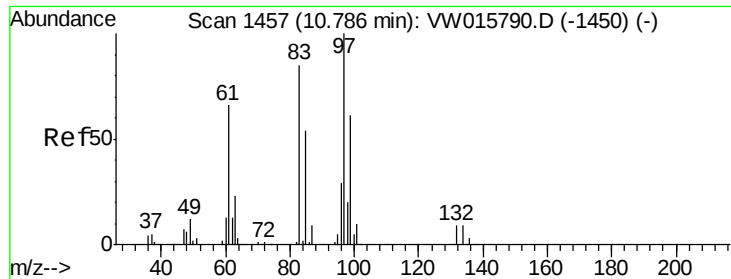
Tot Ion: 75 Resp: 52345
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.563 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion: 75 Resp: 62947
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 58.3 46.0 69.0

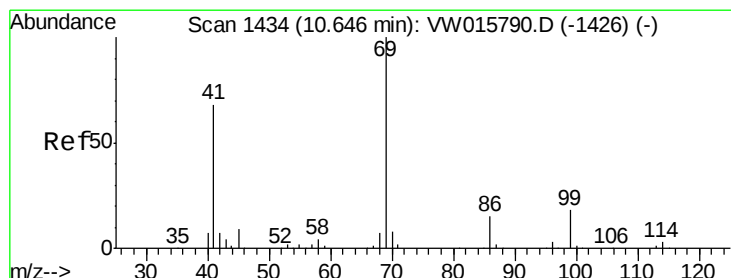
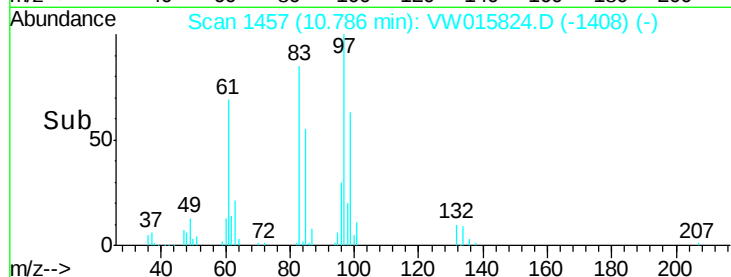
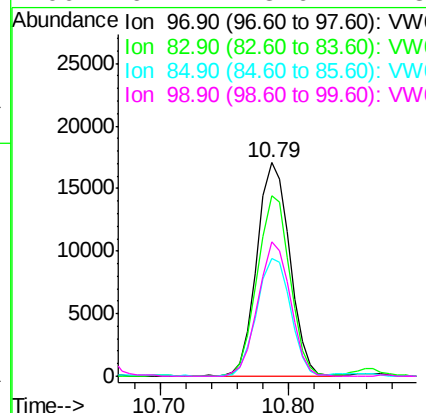
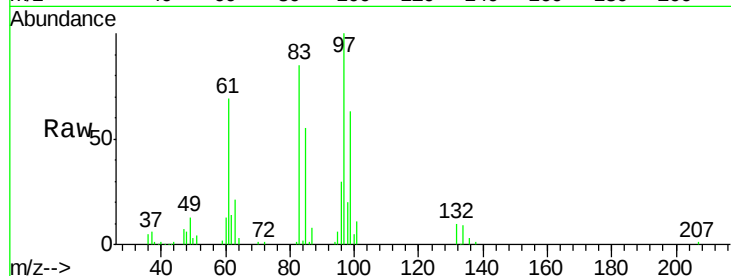




#55
 1,1,2-Trichloroethane
 Concen: 21.057 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

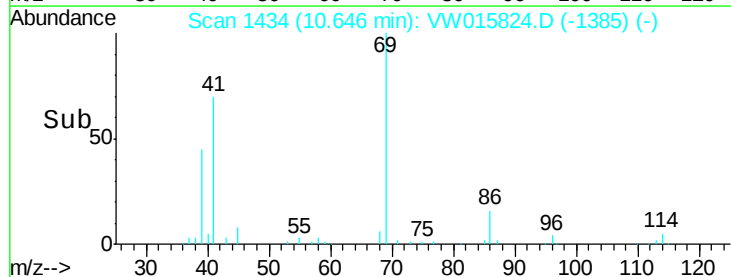
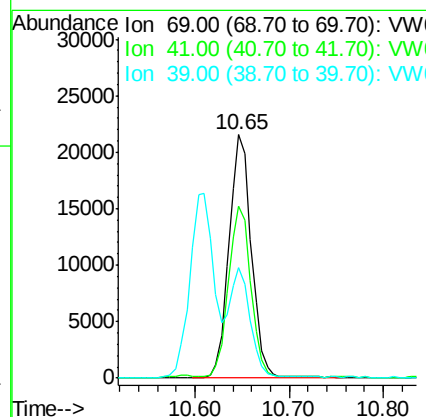
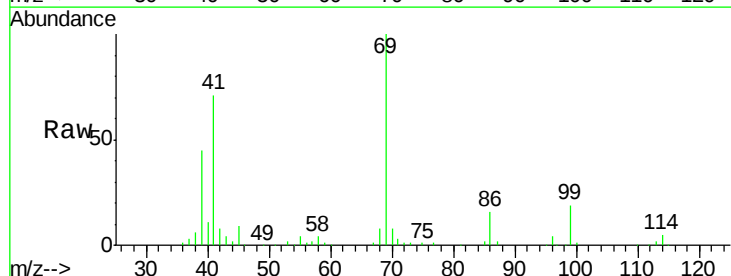
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

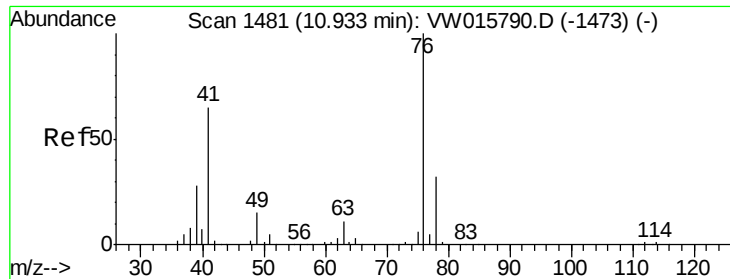
Tot Ion:	97	Resp:	30108
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.2	102.4
85	55.2	43.4	65.0
99	62.7	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 20.280 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion:	69	Resp:	35649
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.0	82.6
39	42.5	33.8	50.8

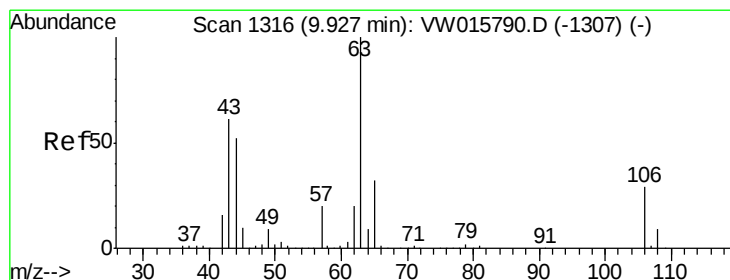
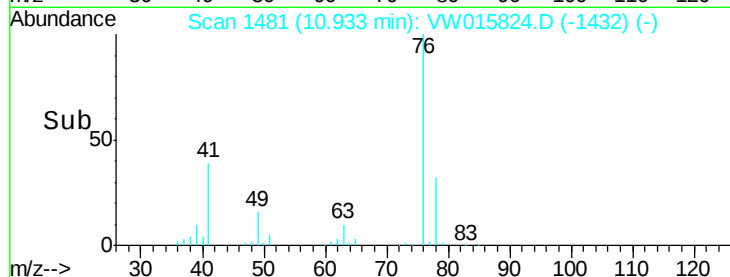
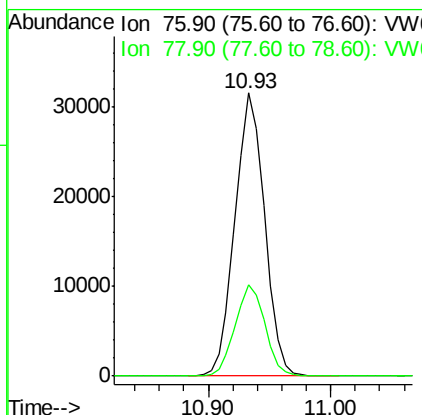
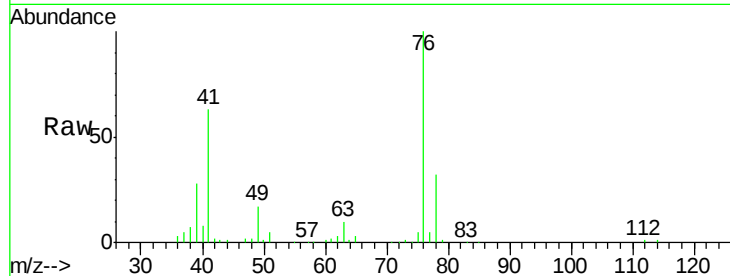




#57
 1,3-Dichloropropane
 Concen: 20.914 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

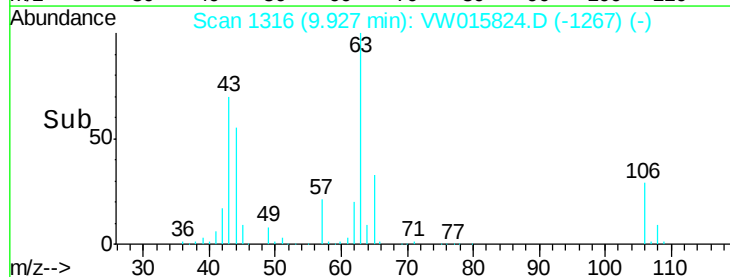
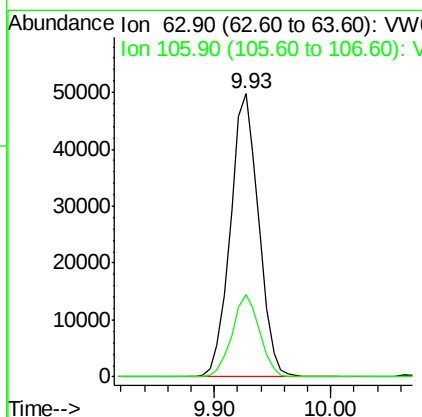
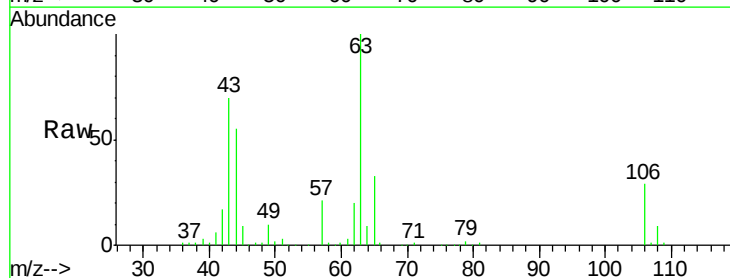
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

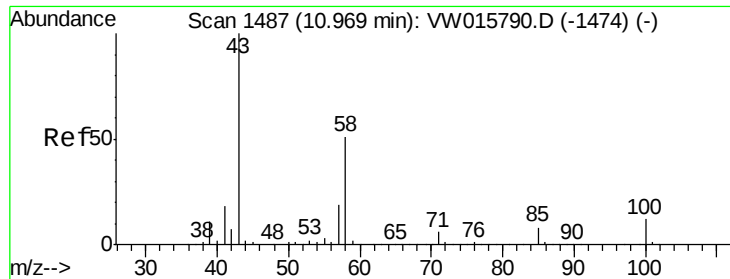
Tot Ion: 76 Resp: 52936
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.898 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion: 63 Resp: 84088
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.1 34.7

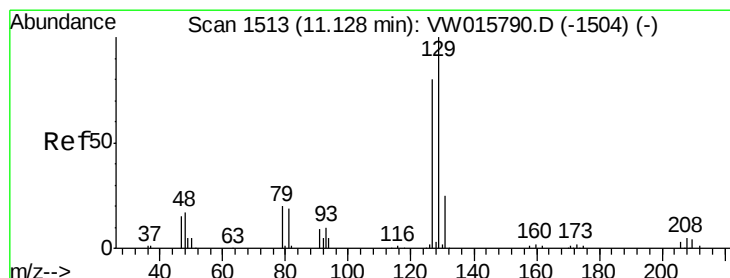
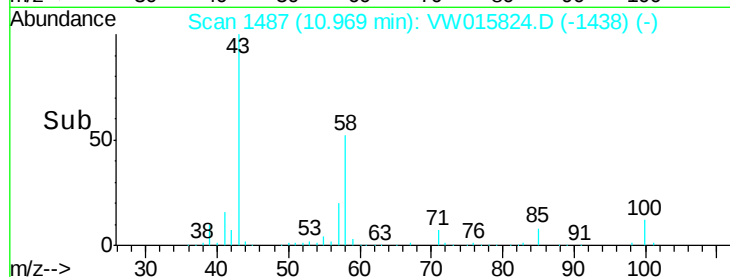
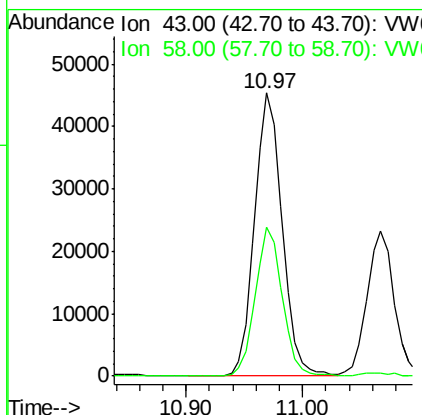
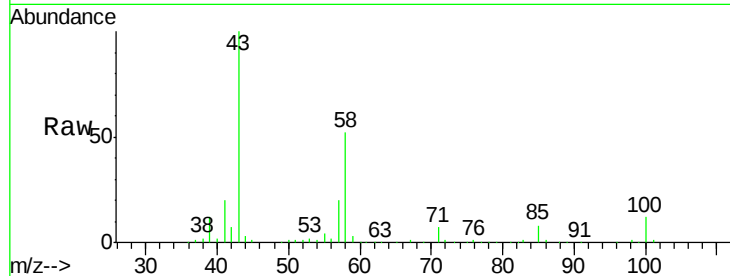




#59
2-Hexanone
Concen: 102.612 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

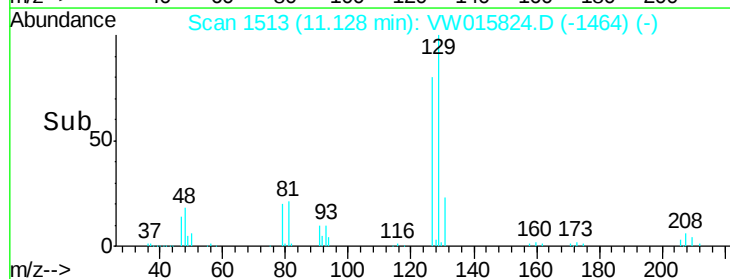
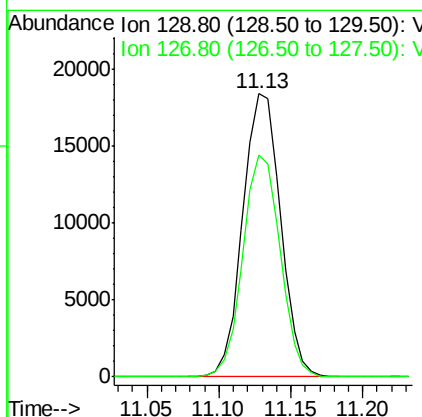
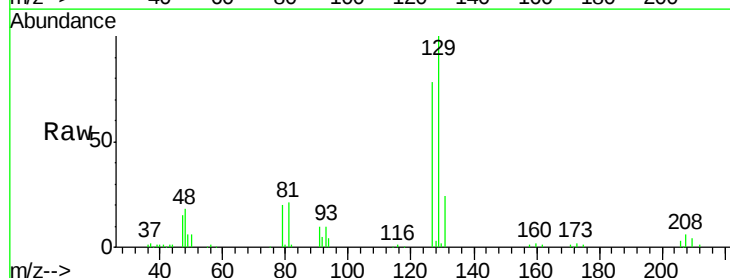
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

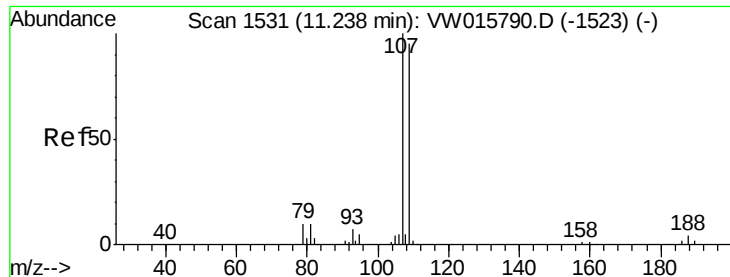
Tot Ion: 43 Resp: 75391
Ion Ratio Lower Upper
43 100
58 51.4 26.2 78.5



#60
Dibromochloromethane
Concen: 20.261 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion: 129 Resp: 33458
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.1

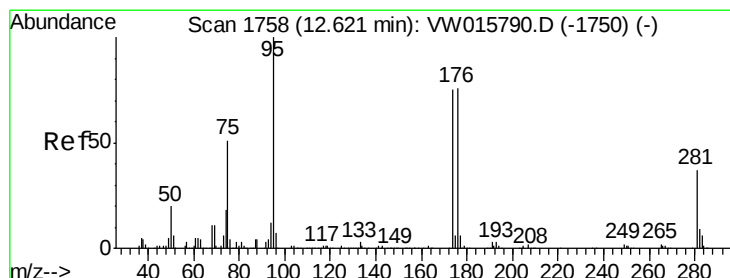
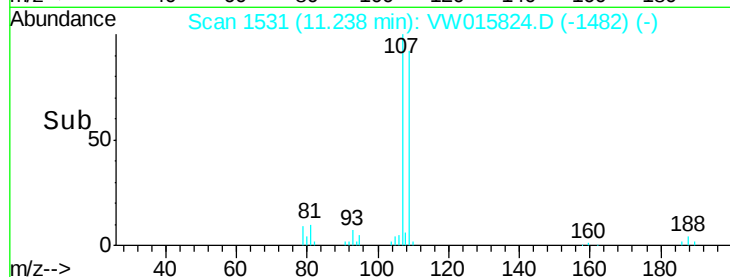
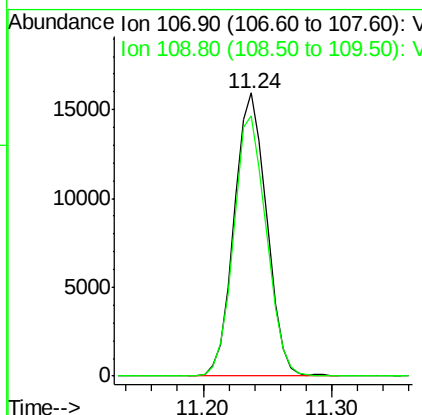
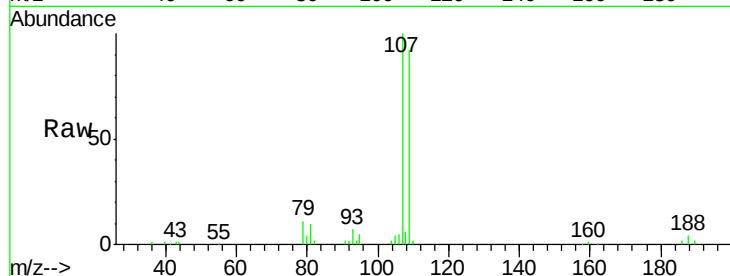




#61
 1,2-Dibromoethane
 Concen: 20.374 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

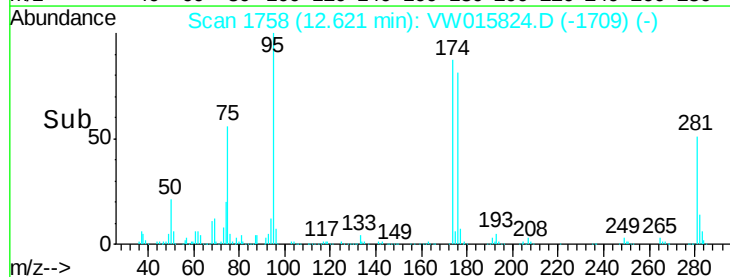
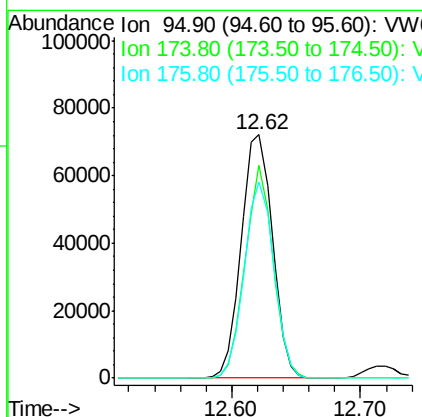
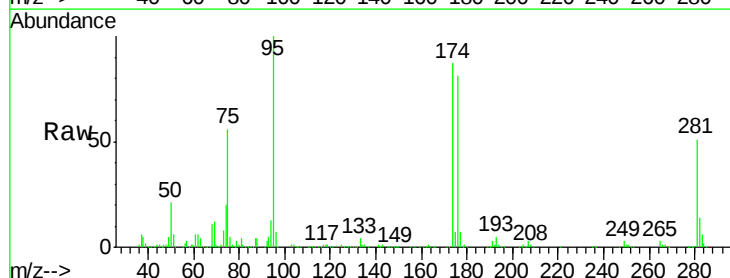
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion: 107 Resp: 27875
 Ion Ratio Lower Upper
 107 100
 109 92.7 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 48.748 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion: 95 Resp: 120968
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 150.2
 176 76.4 0.0 148.4

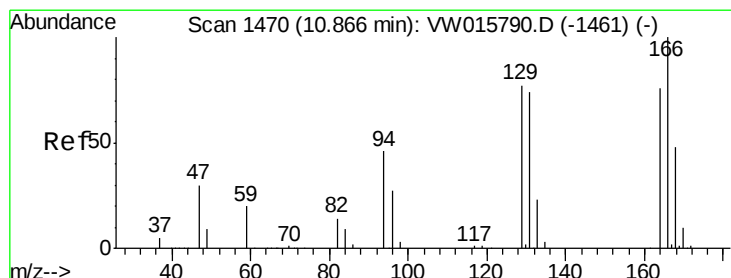
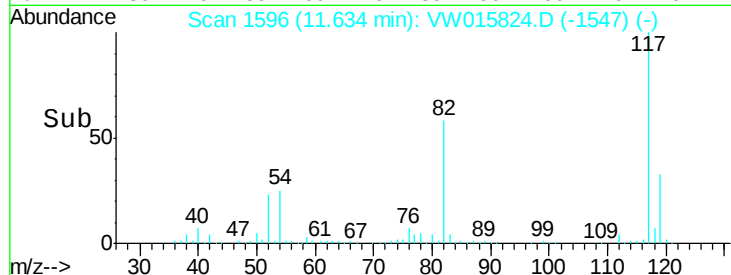
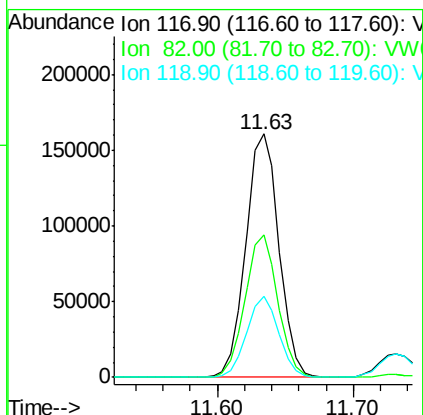
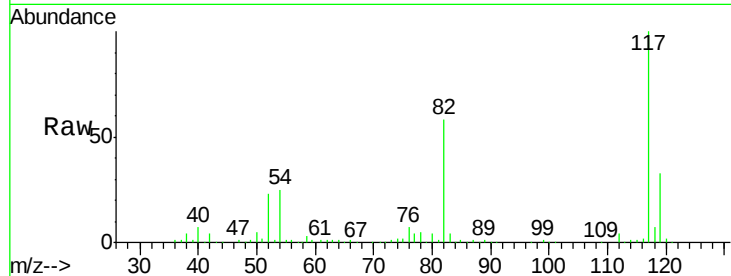




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

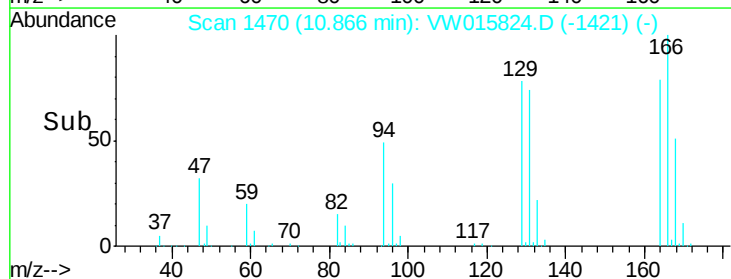
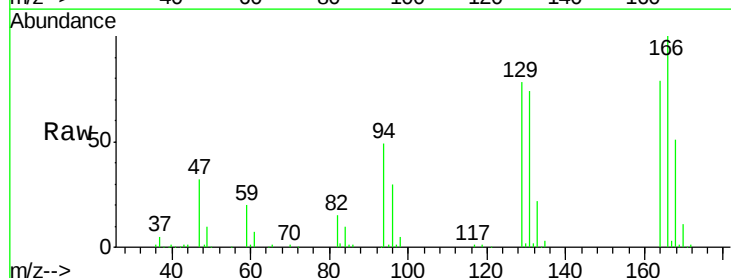
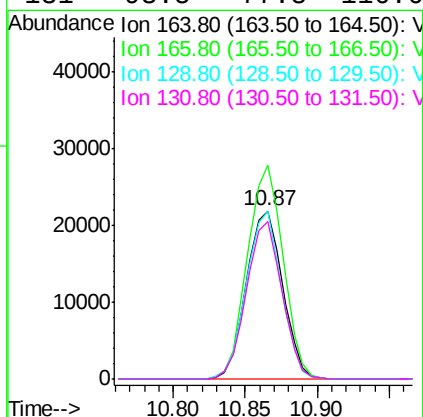
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

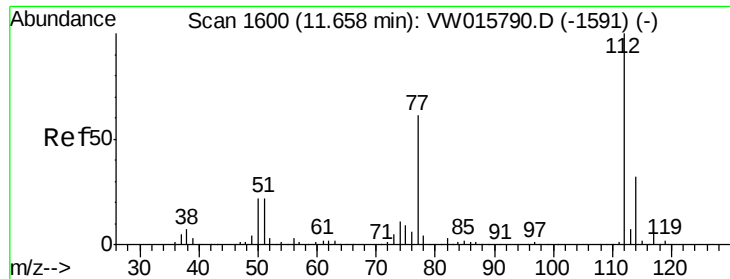
Tot Ion:117 Resp: 273948
Ion Ratio Lower Upper
117 100
82 58.4 45.5 68.3
119 33.3 25.0 37.6



#64
Tetrachloroethene
Concen: 21.969 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion:164 Resp: 38086
Ion Ratio Lower Upper
164 100
166 127.1 105.1 157.7
129 99.6 80.6 121.0
131 93.5 77.8 116.6

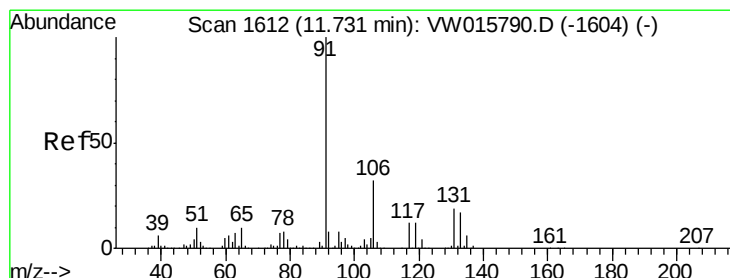
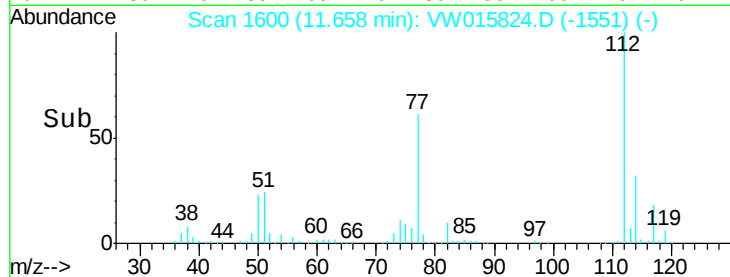
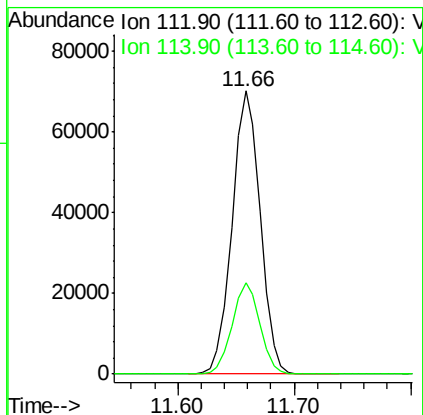
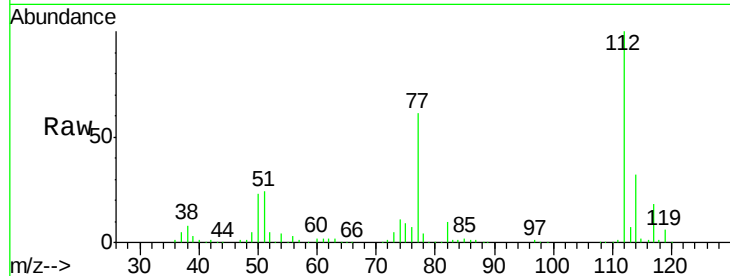




#65
Chlorobenzene
Concen: 22.028 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

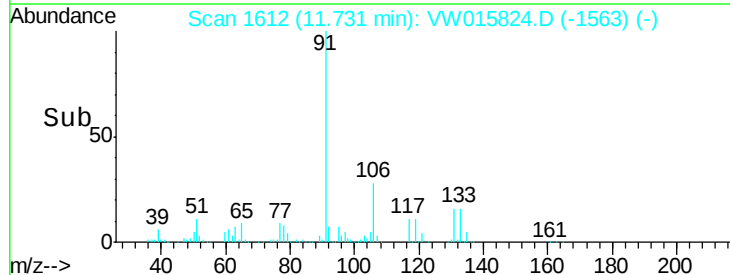
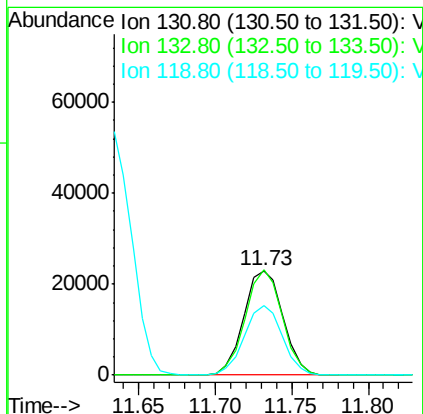
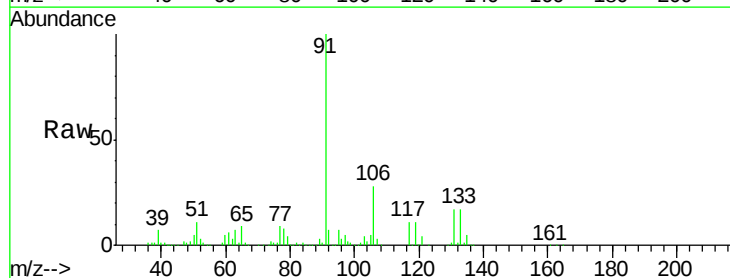
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

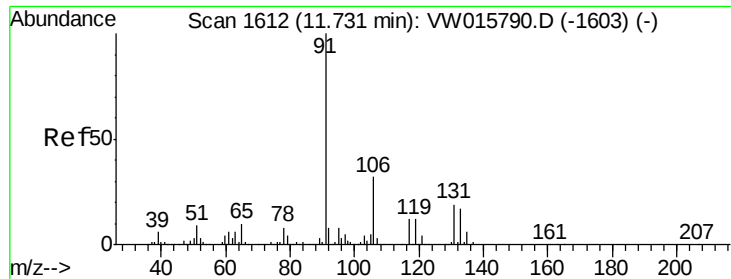
Tot Ion:112 Resp: 118011
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.490 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion:131 Resp: 40742
Ion Ratio Lower Upper
131 100
133 95.5 47.0 141.2
119 65.1 32.3 96.8

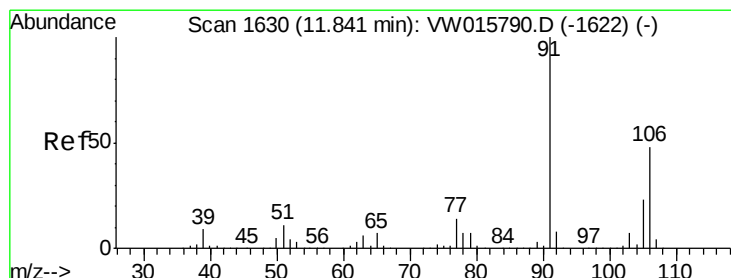
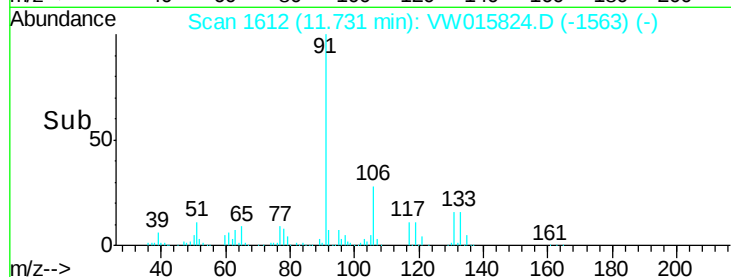
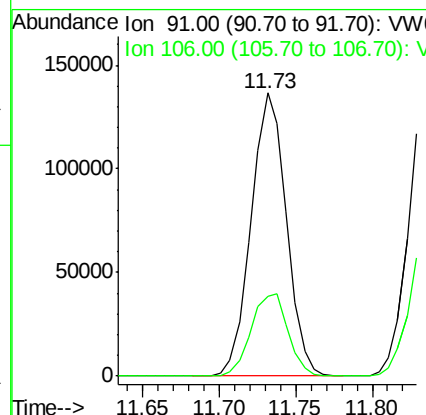
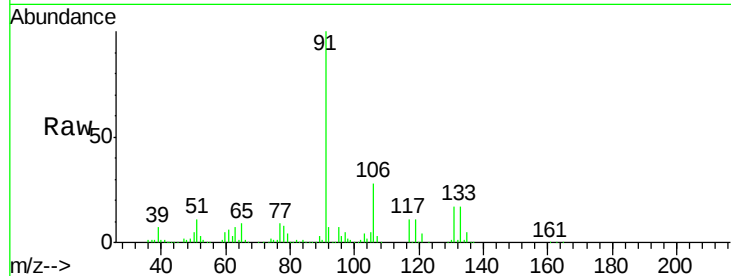




#67
Ethyl Benzene
Concen: 22.086 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

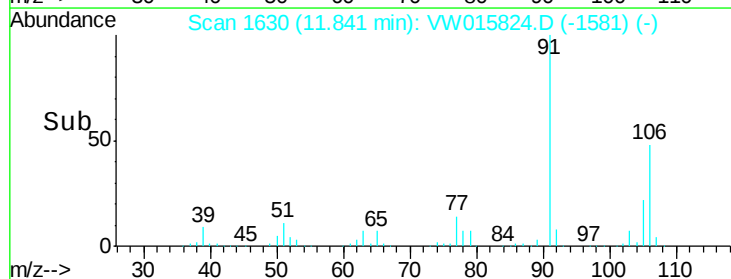
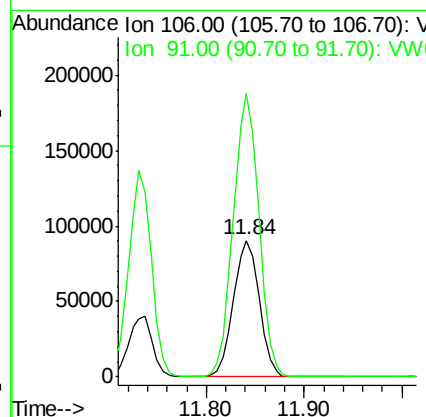
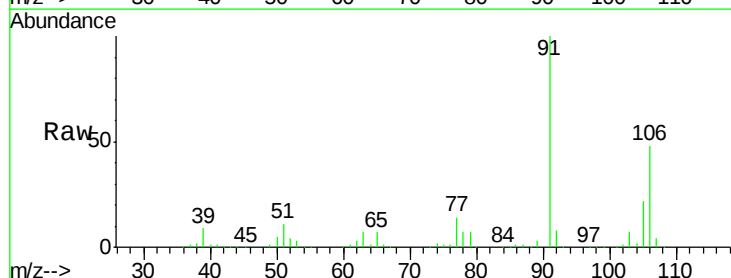
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

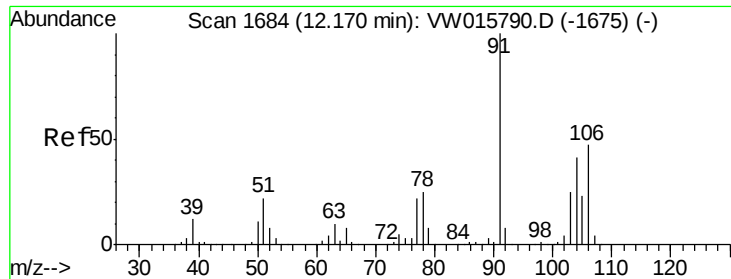
Tot Ion: 91 Resp: 219120
Ion Ratio Lower Upper
91 100
106 28.4 25.8 38.8



#68
m/p-Xylenes
Concen: 44.499 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion:106 Resp: 165842
Ion Ratio Lower Upper
106 100
91 206.0 164.1 246.1

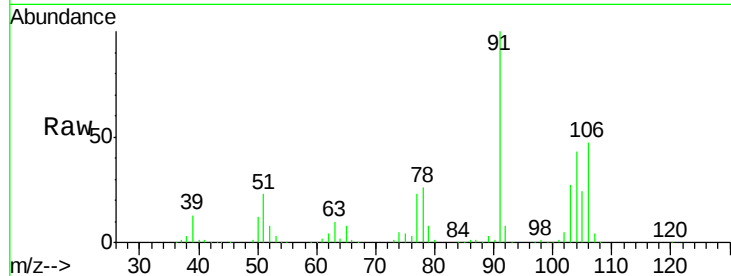




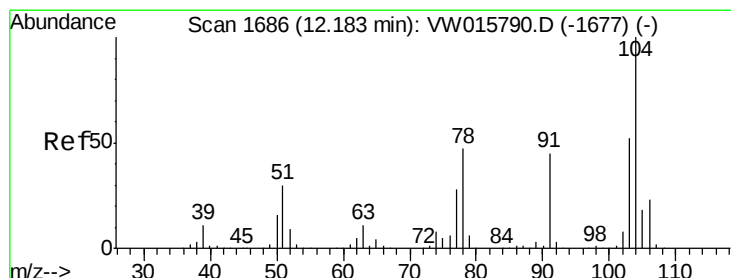
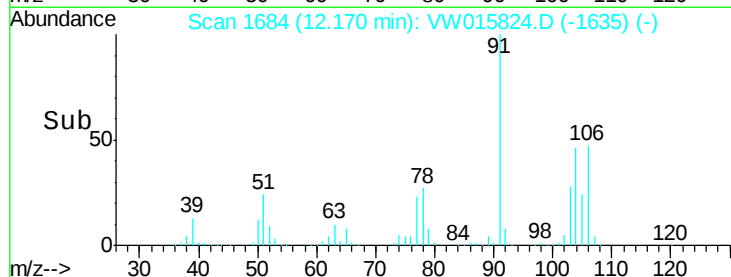
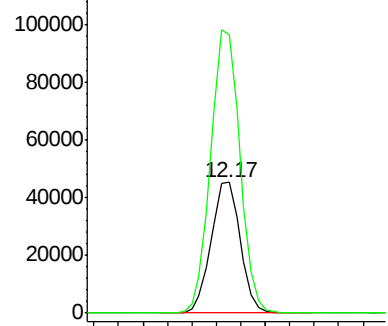
#69
o-Xylene
Concen: 22.102 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Instrument :
MSVOA_W
ClientSampled :
VW0709SBS01

Tot Ion:106 Resp: 75188
Ion Ratio Lower Upper
106 100
91 217.4 108.5 325.3

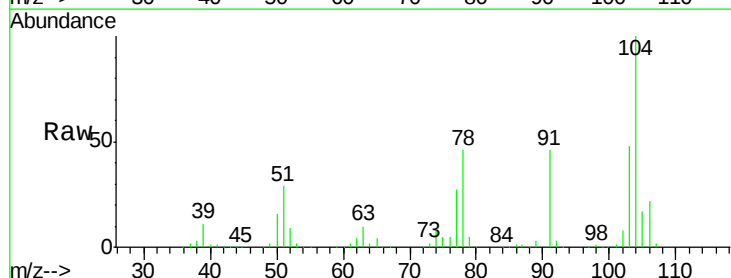


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

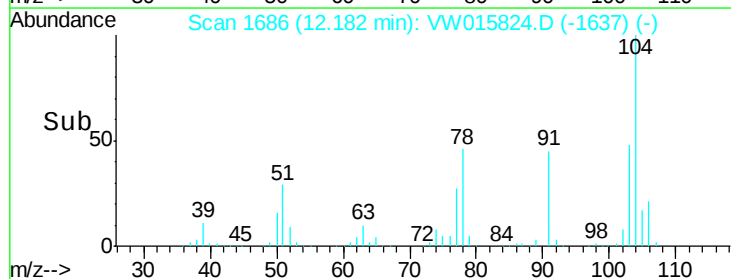
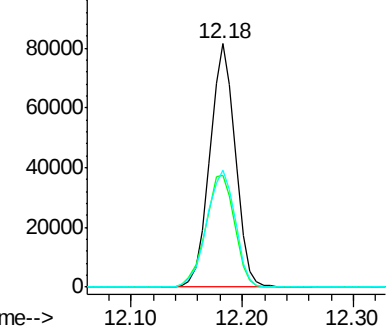


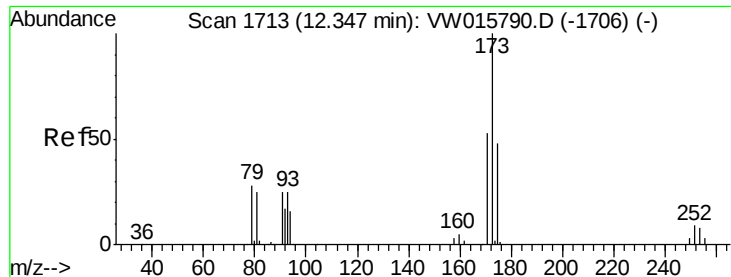
#70
Styrene
Concen: 22.069 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion:104 Resp: 129182
Ion Ratio Lower Upper
104 100
78 52.6 41.0 61.4
103 53.6 43.8 65.8



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: 19.727 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

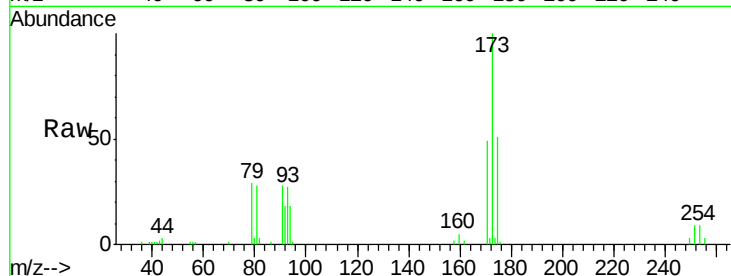
Tot Ion:173 Resp: 17071

Ion Ratio Lower Upper

173 100

175 49.4 23.5 70.5

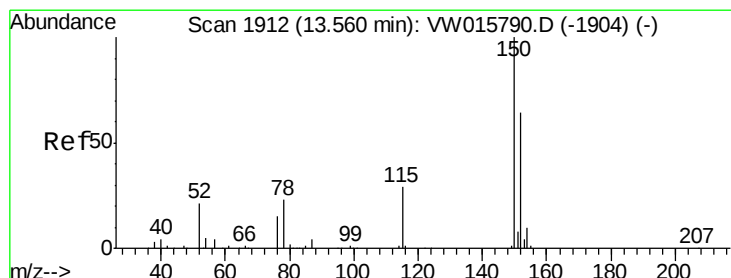
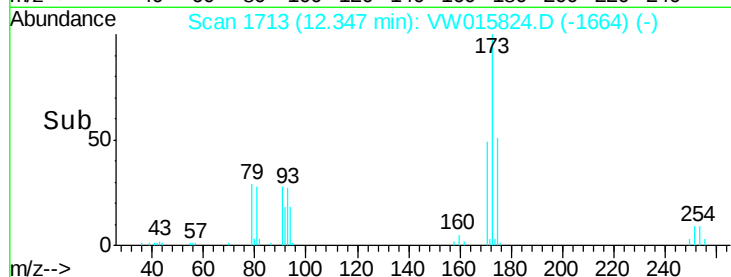
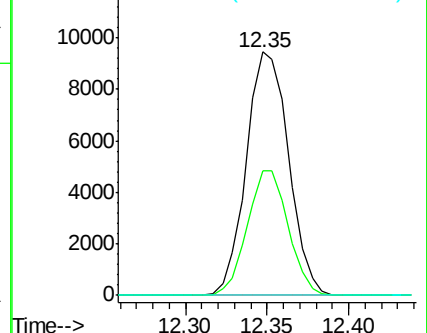
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

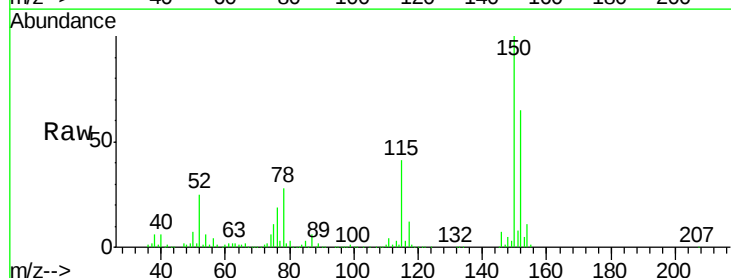
Tgt Ion:152 Resp: 139067

Ion Ratio Lower Upper

152 100

115 60.7 29.9 89.7

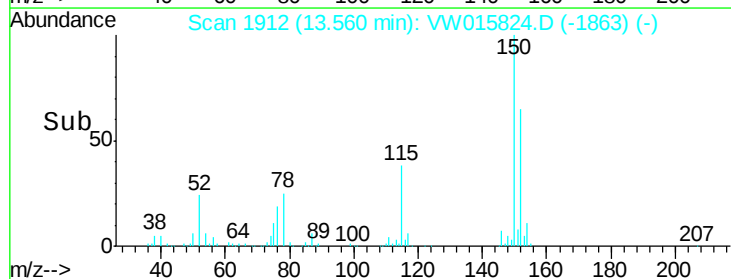
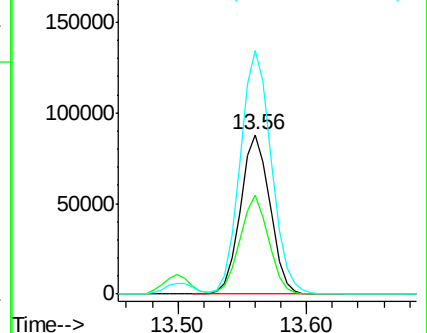
150 161.5 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.463 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

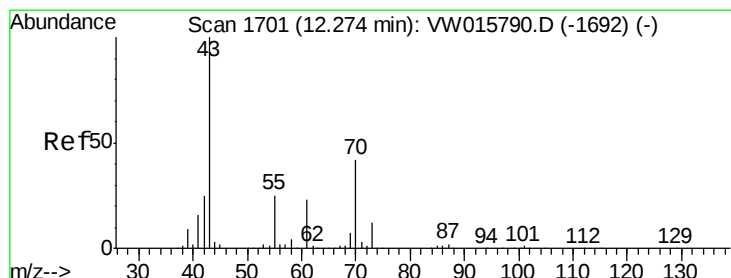
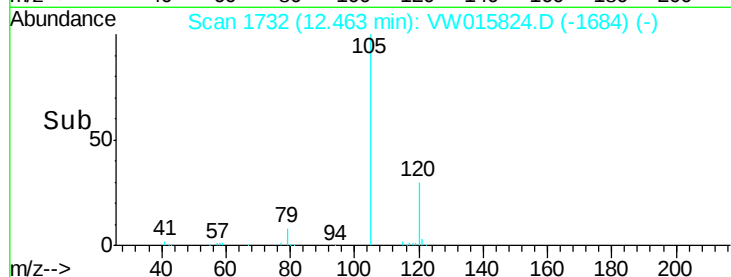
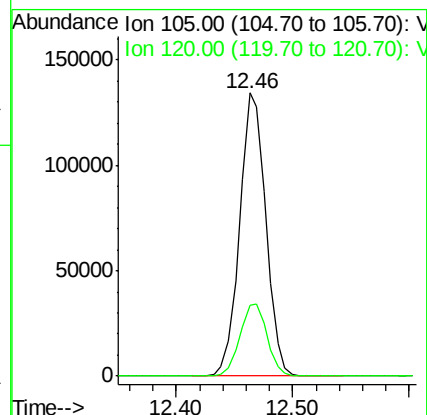
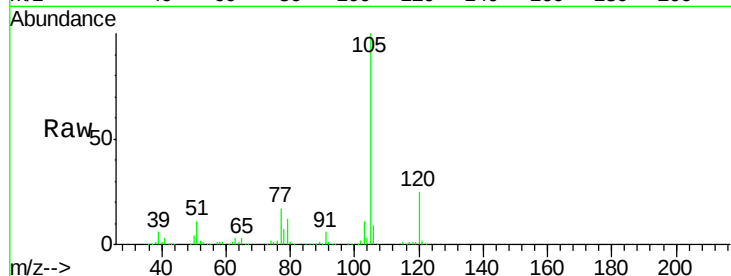
VW0709SBS01

Tot Ion:105 Resp: 210274

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 19.624 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Tgt Ion: 43 Resp: 41133

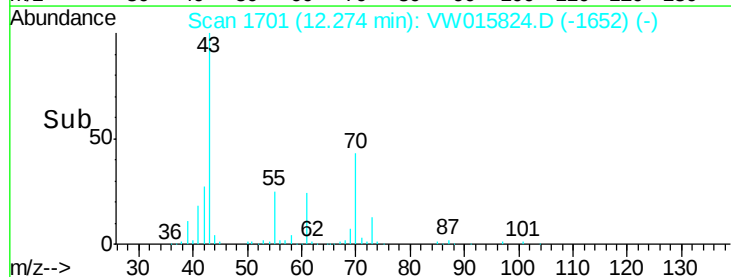
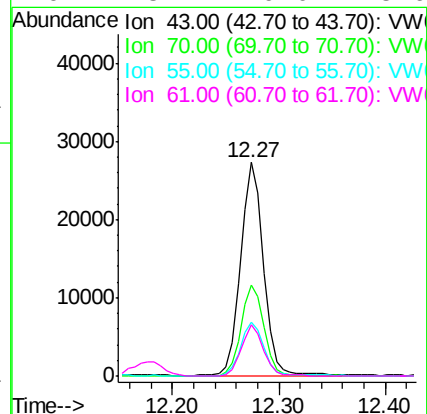
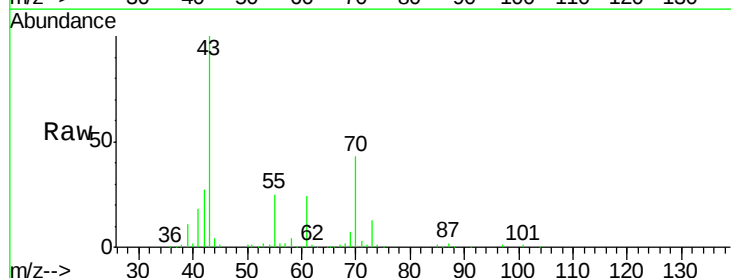
Ion Ratio Lower Upper

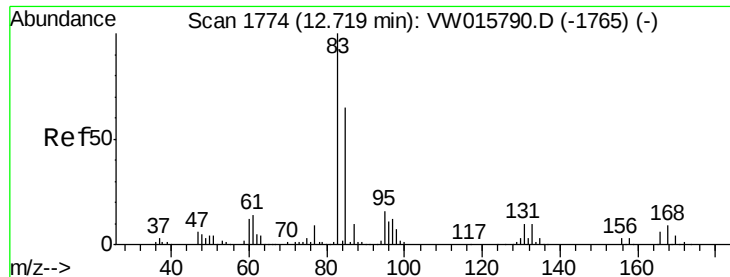
43 100

70 43.2 34.1 51.1

55 25.9 20.0 30.0

61 23.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.629 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS01

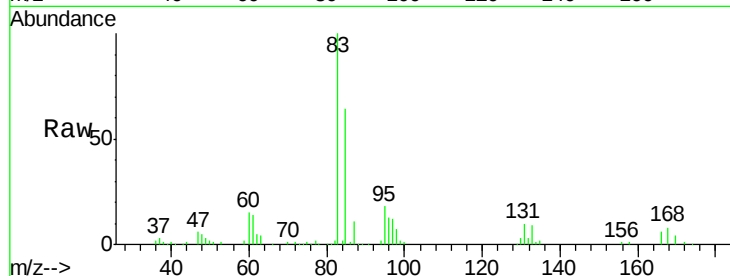
Tot Ion: 83 Resp: 33581

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

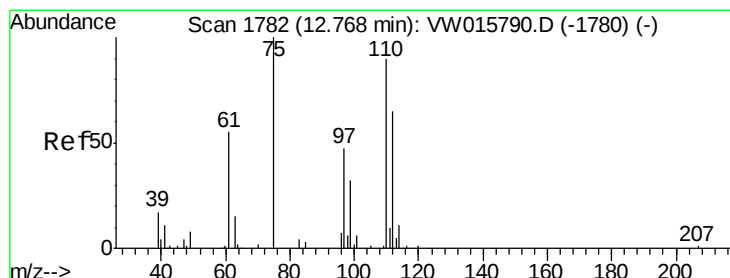
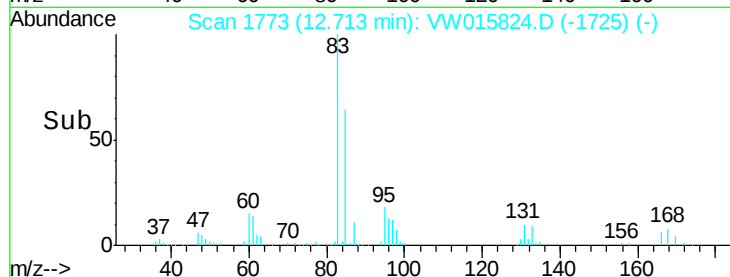
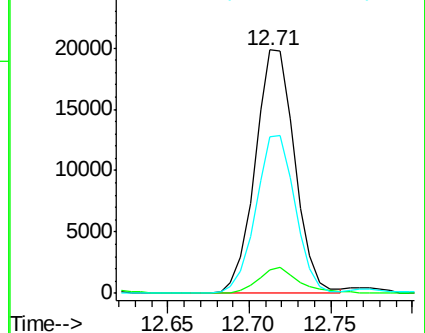
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.763 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015824.D

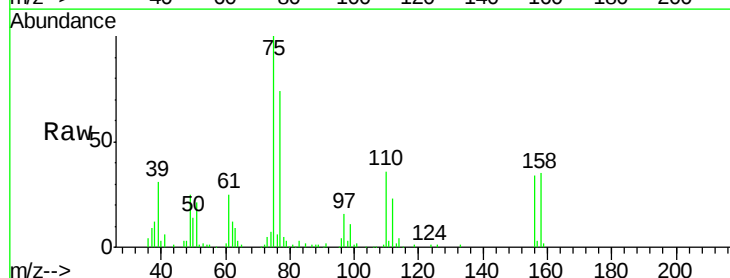
Acq: 09 Jul 2020 13:18

Tgt Ion: 75 Resp: 43710

Ion Ratio Lower Upper

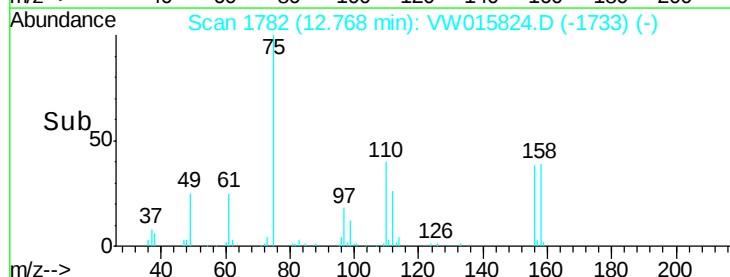
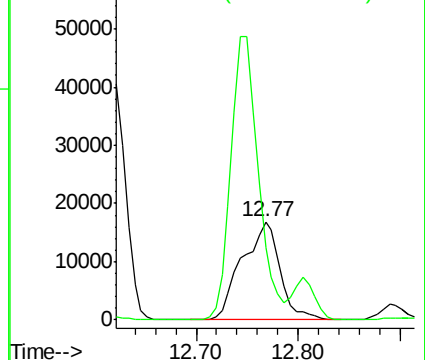
75 100

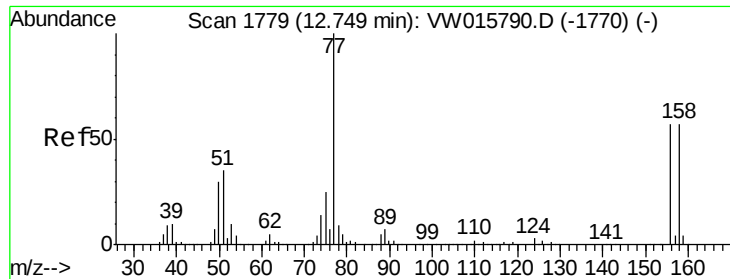
77 208.2 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.452 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

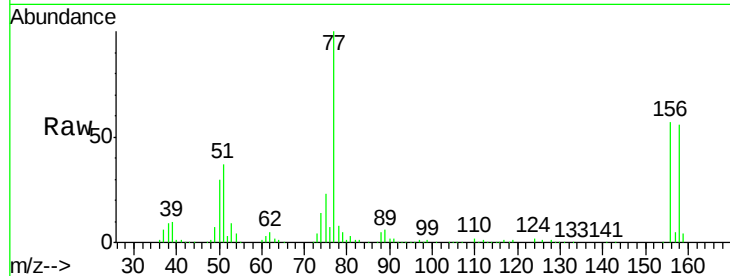
Tot Ion:156 Resp: 47125

Ion Ratio Lower Upper

156 100

77 193.1 98.8 296.4

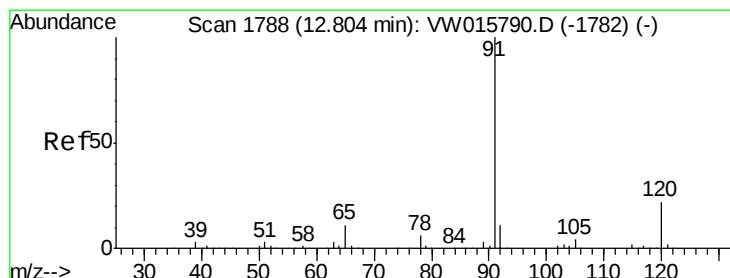
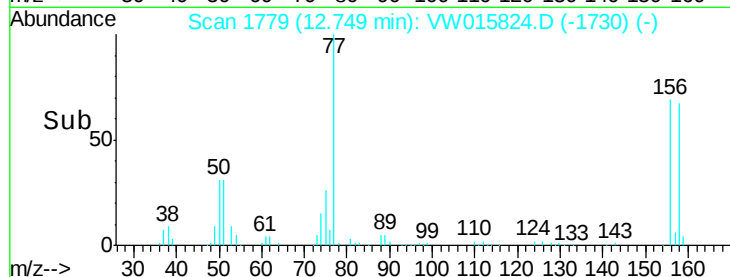
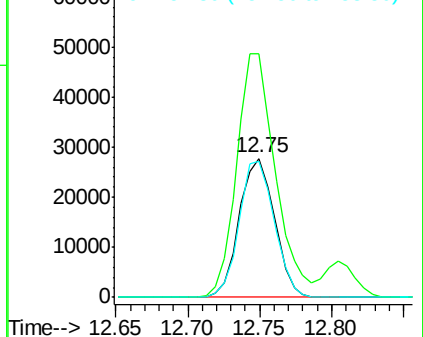
158 98.1 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.019 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015824.D

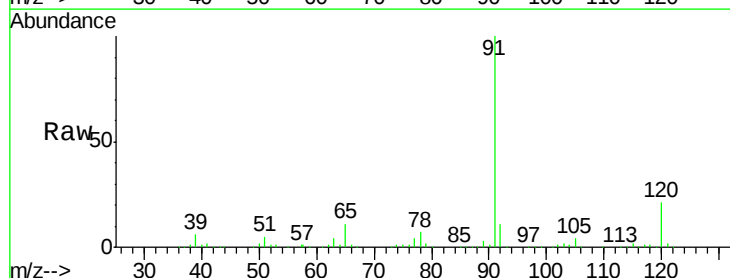
Acq: 09 Jul 2020 13:18

Tgt Ion: 91 Resp: 261848

Ion Ratio Lower Upper

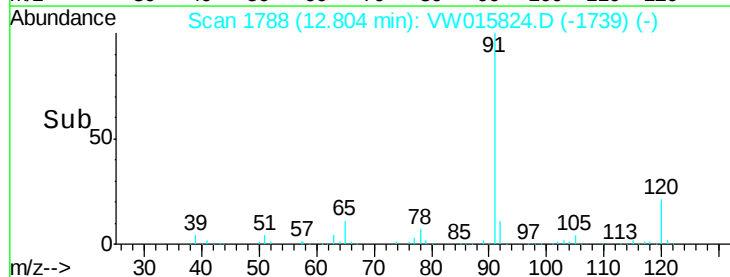
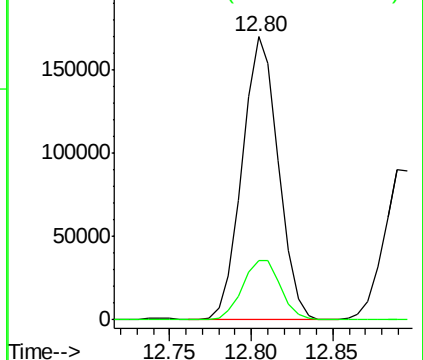
91 100

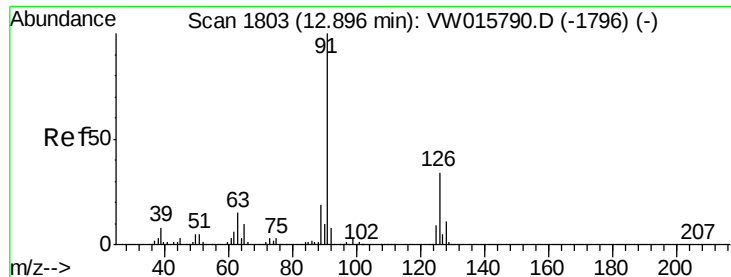
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

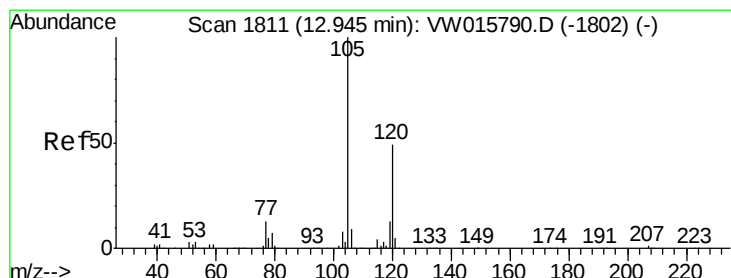
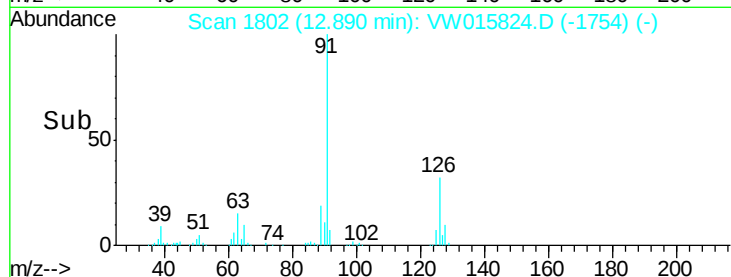
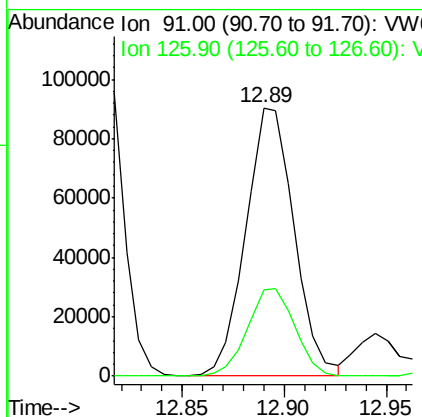
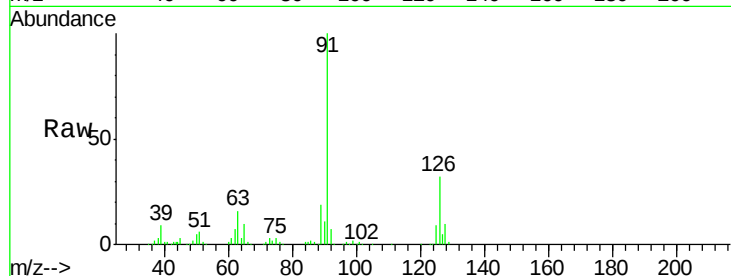




#79
 2-Chlorotoluene
 Concen: 21.927 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

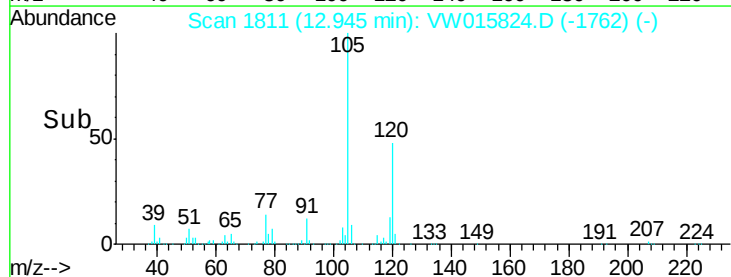
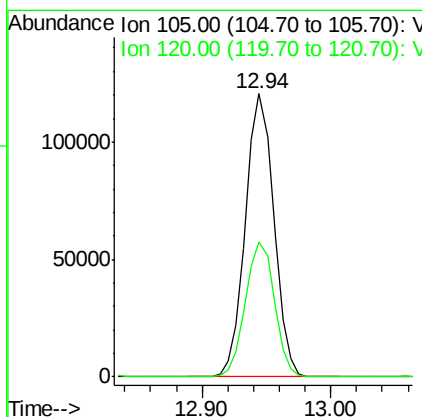
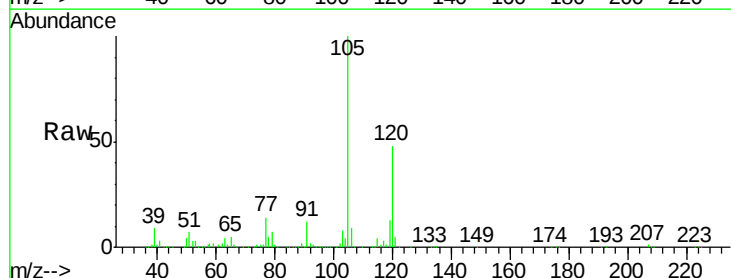
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

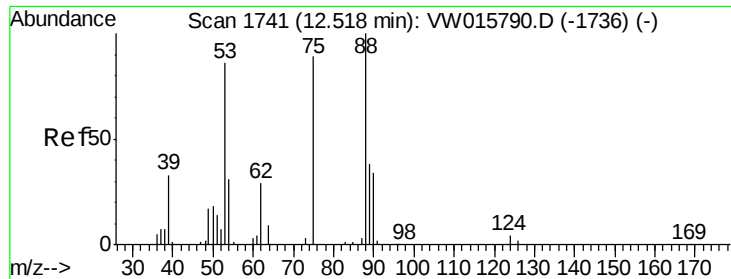
Tot Ion: 91 Resp: 148697
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 21.948 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion:105 Resp: 183270
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.910 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

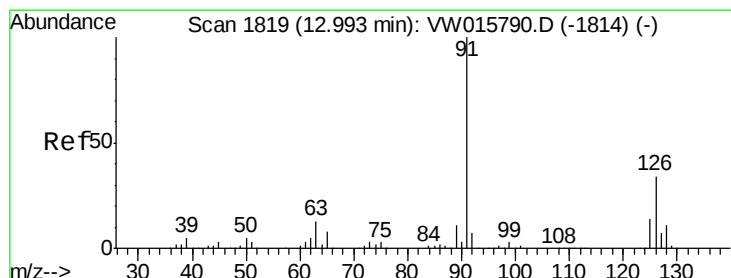
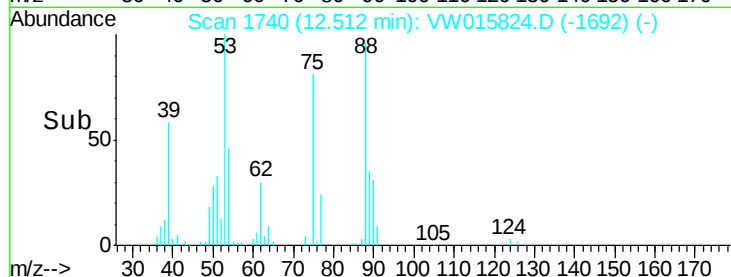
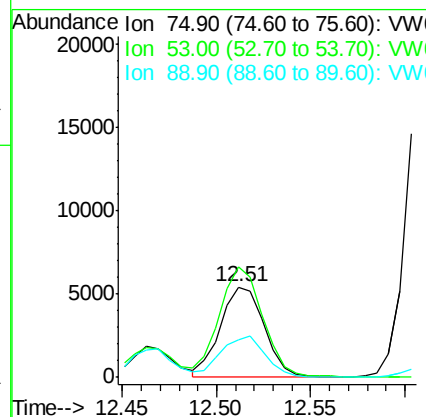
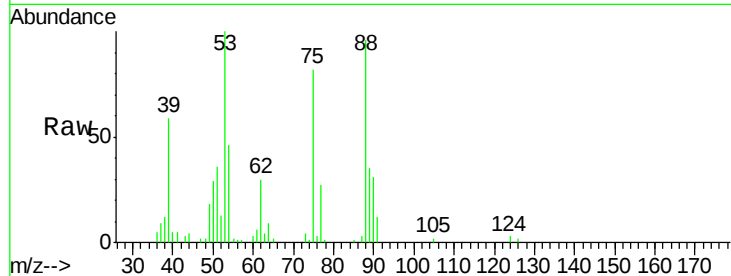
Tot Ion: 75 Resp: 8846

Ion Ratio Lower Upper

75 100

53 119.7 85.9 128.9

89 46.5 36.2 54.4



#82

4-Chlorotoluene

Concen: 21.948 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW015824.D

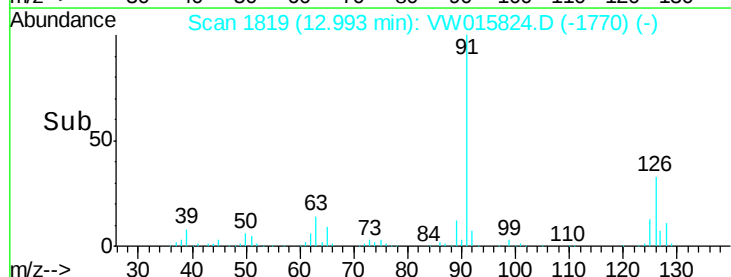
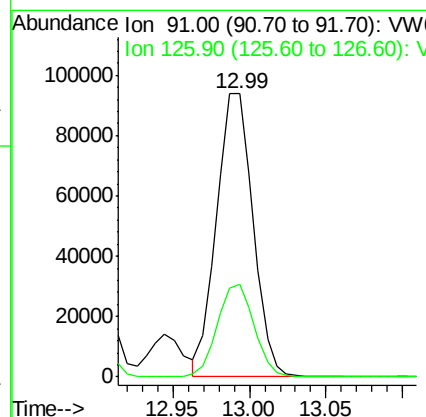
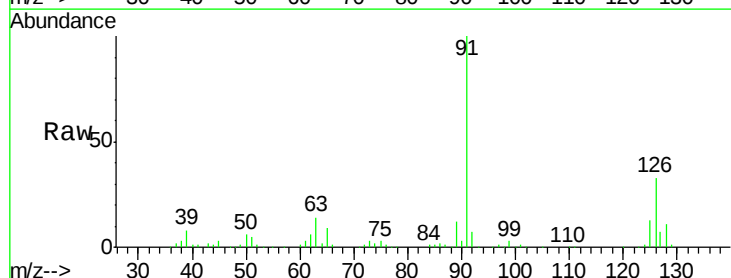
Acq: 09 Jul 2020 13:18

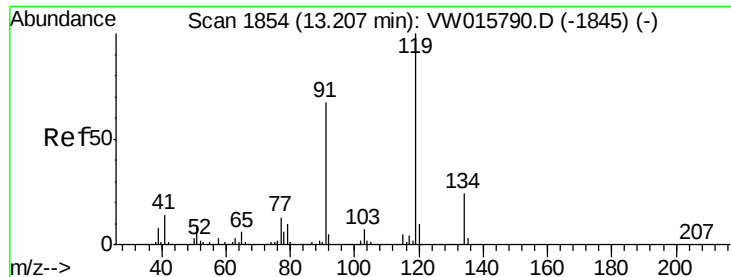
Tgt Ion: 91 Resp: 155430

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.9

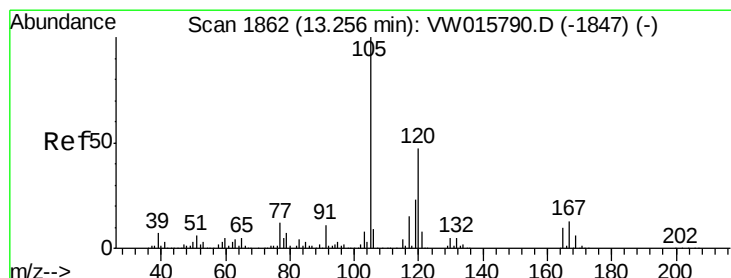
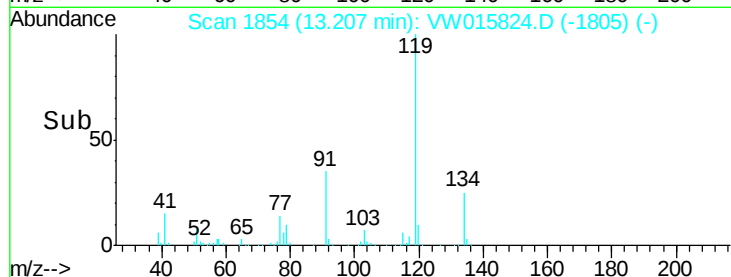
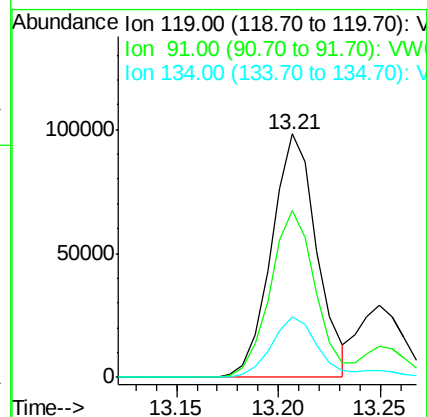
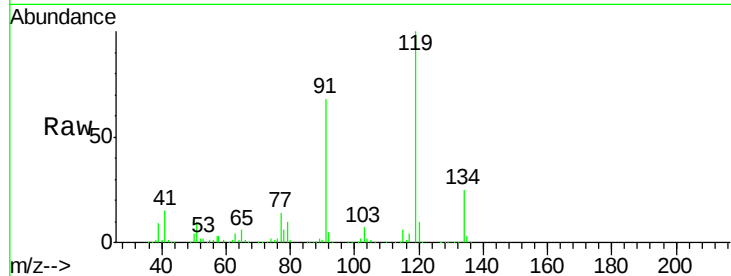




#83
 tert-Butylbenzene
 Concen: 21.959 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

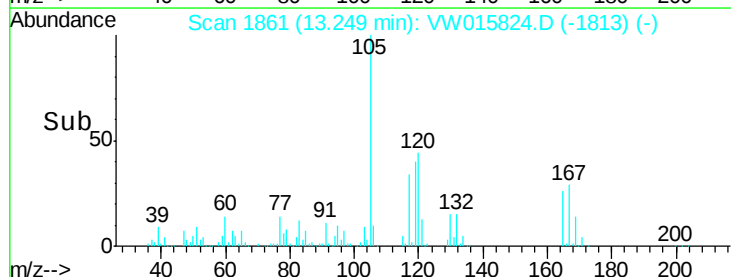
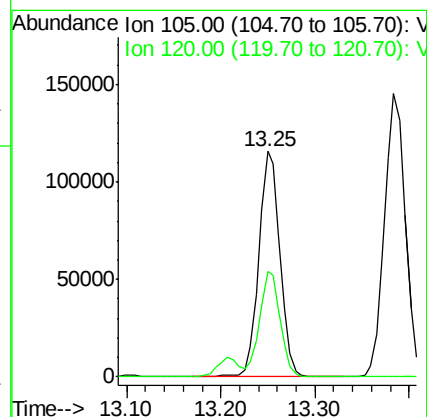
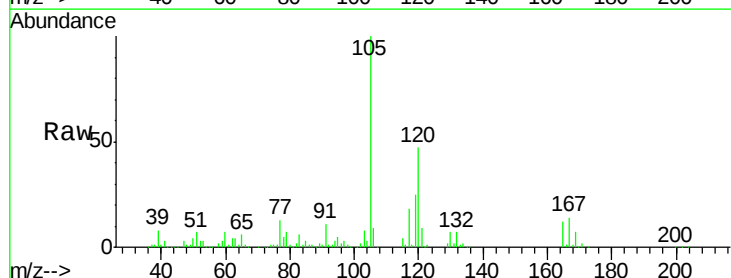
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

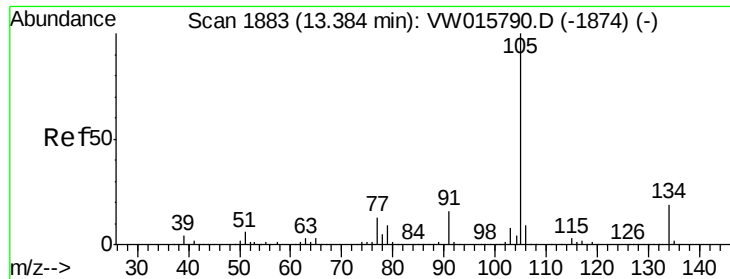
Tot Ion:119 Resp: 152228
 Ion Ratio Lower Upper
 119 100
 91 69.1 34.4 103.3
 134 25.2 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.948 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion:105 Resp: 183020
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4

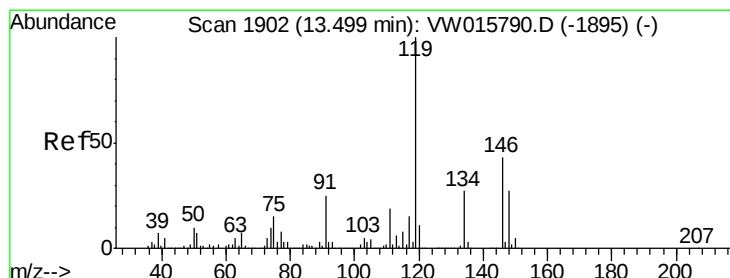
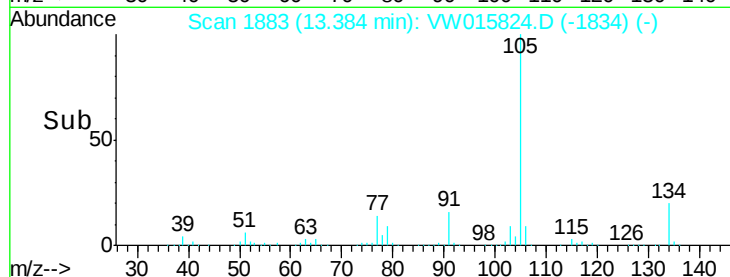
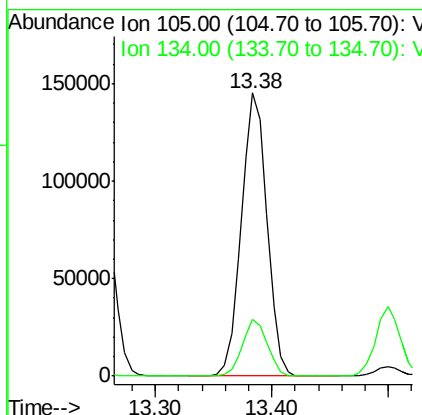
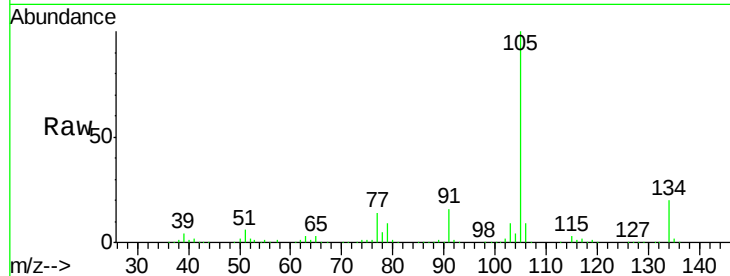




#85
 sec-Butylbenzene
 Concen: 22.264 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

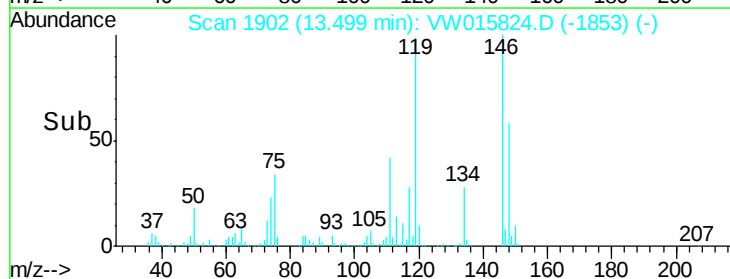
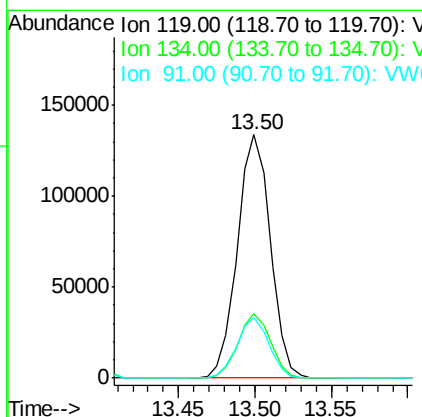
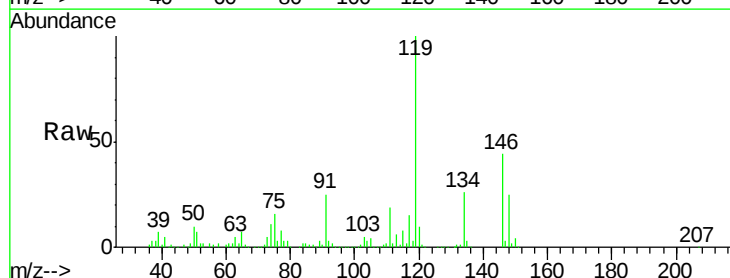
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

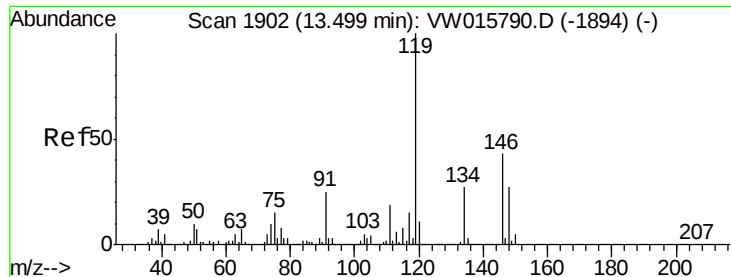
Tot Ion:105 Resp: 222892
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 21.885 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion:119 Resp: 200073
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 24.3 12.2 36.6

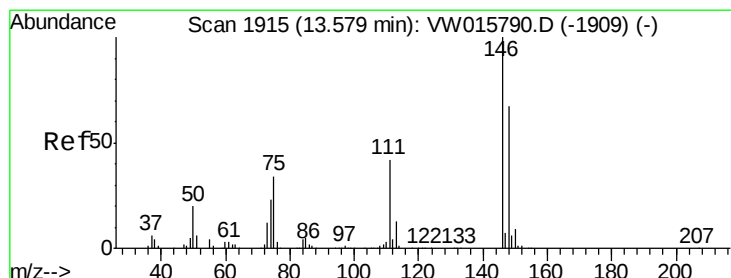
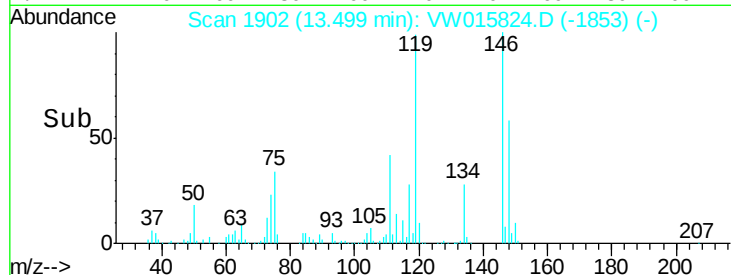
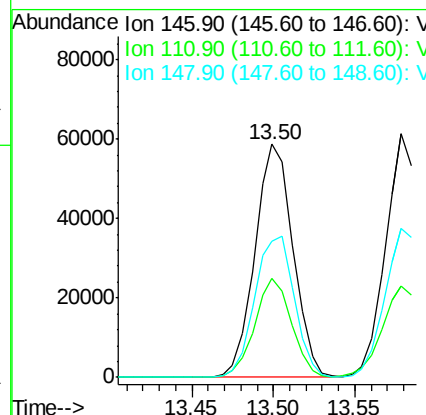
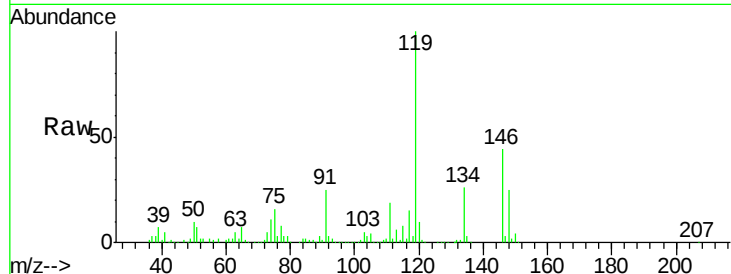




#87
 1,3-Dichlorobenzene
 Concen: 21.621 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

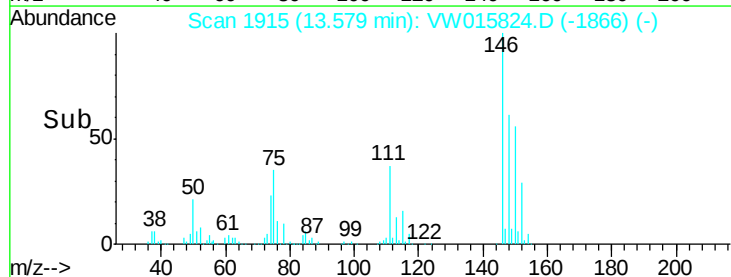
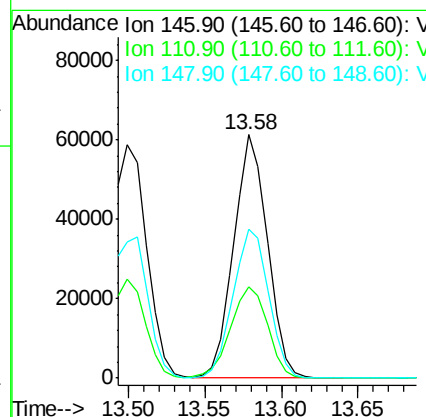
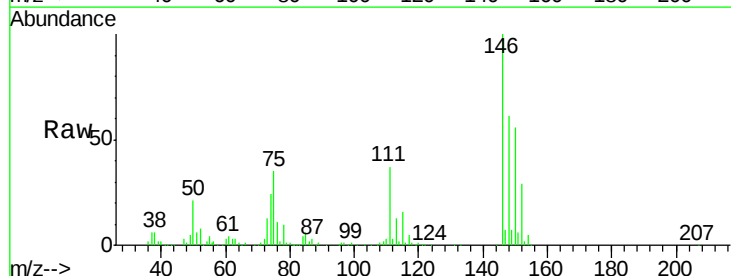
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

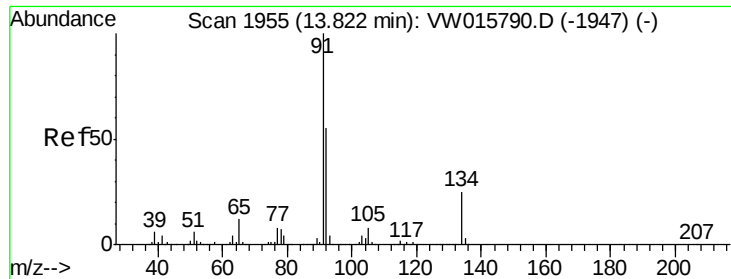
Tot Ion:146 Resp: 95211
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.4
 148 62.9 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 21.747 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion:146 Resp: 93748
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.2 60.6
 148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 22.047 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

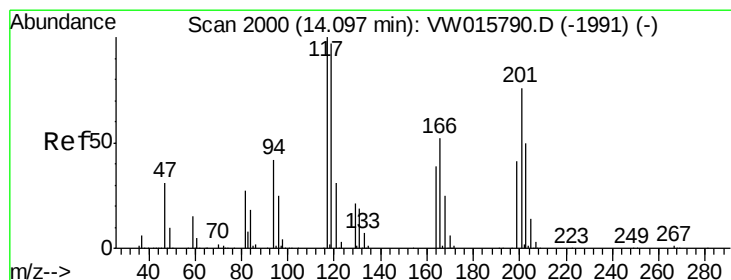
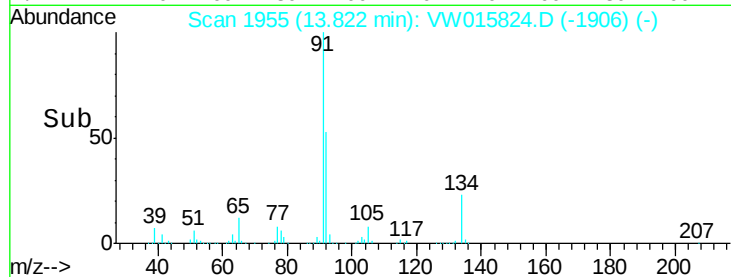
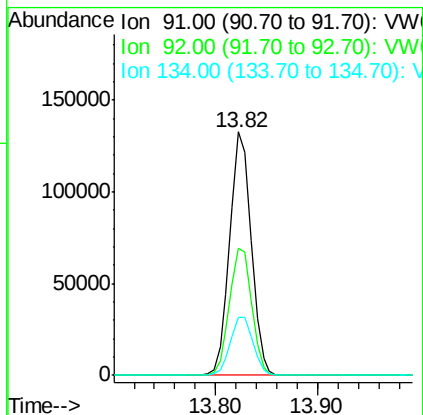
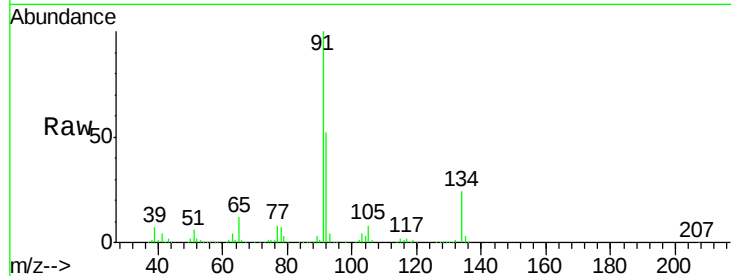
Tot Ion: 91 Resp: 192886

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.6

134 25.2 12.7 38.1



#90

Hexachloroethane

Concen: 20.797 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW015824.D

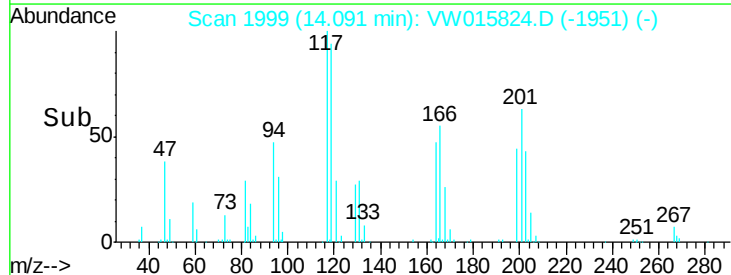
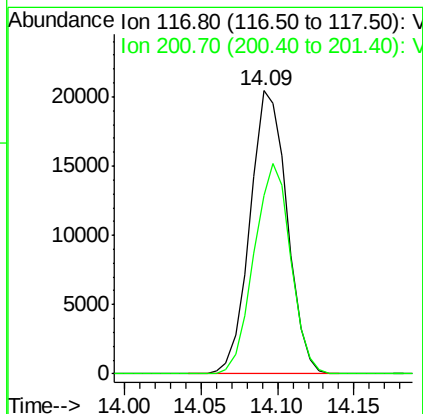
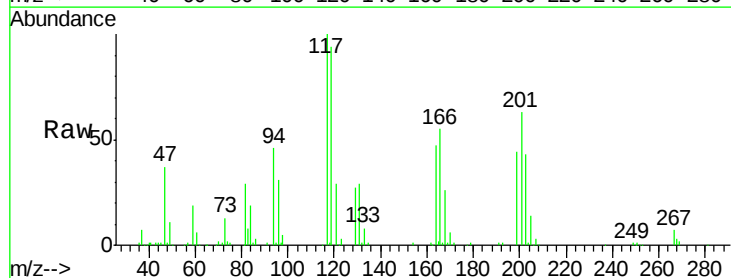
Acq: 09 Jul 2020 13:18

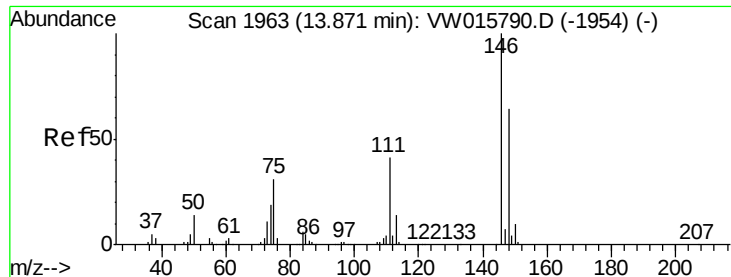
Tgt Ion: 117 Resp: 34462

Ion Ratio Lower Upper

117 100

201 73.8 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 21.850 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

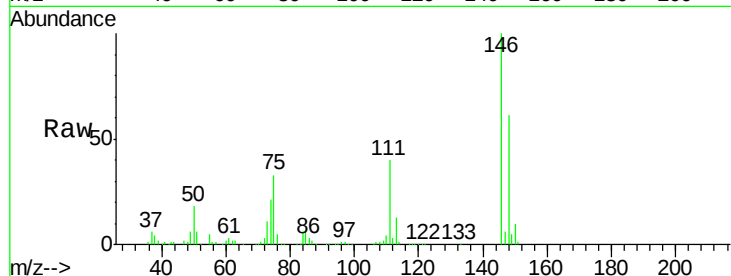
Tot Ion:146 Resp: 83360

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

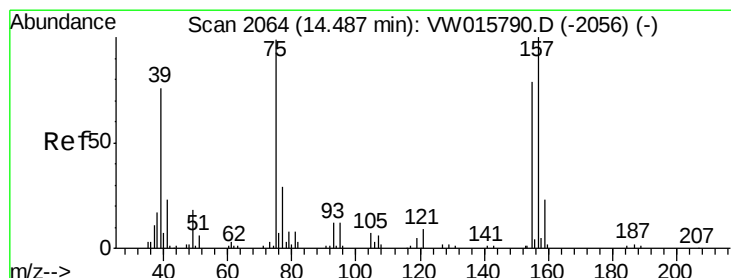
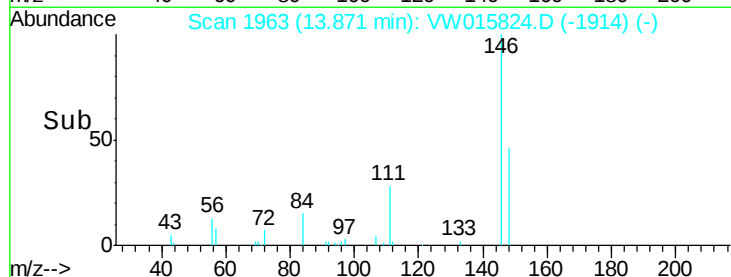
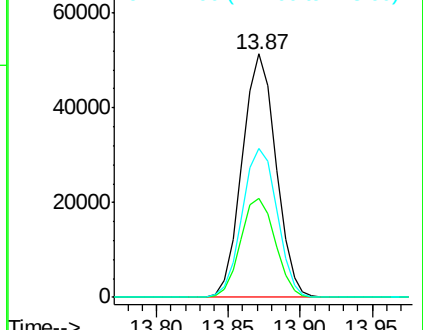
148 63.2 31.8 95.4



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: 20.081 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015824.D

Acq: 09 Jul 2020 13:18

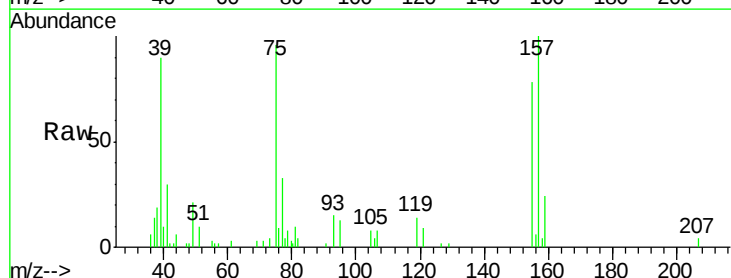
Tgt Ion: 75 Resp: 5223

Ion Ratio Lower Upper

75 100

155 77.0 39.1 117.5

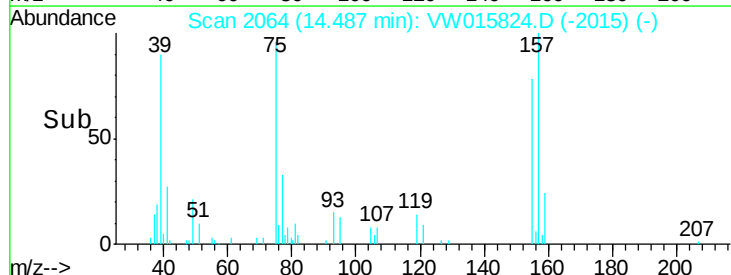
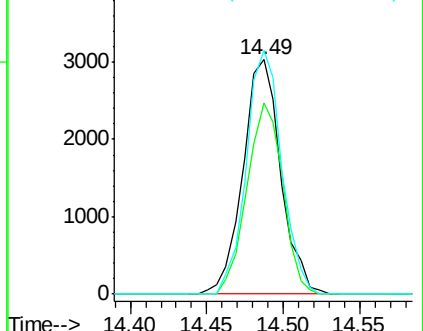
157 97.0 49.1 147.4

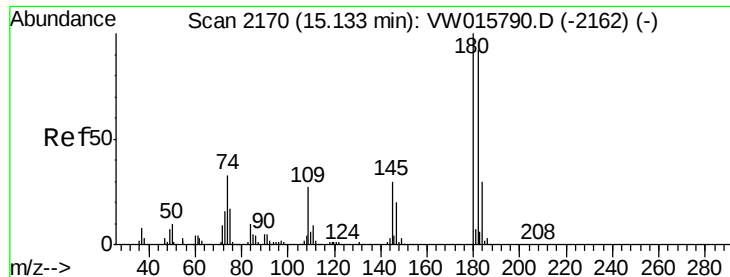


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

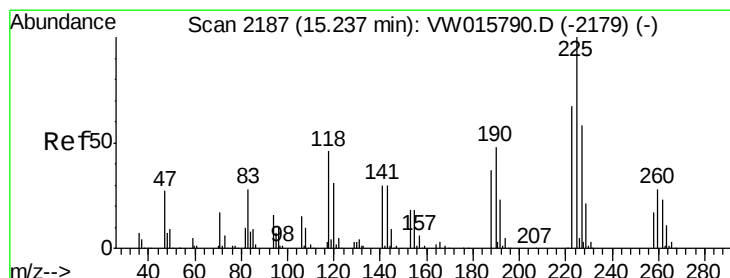
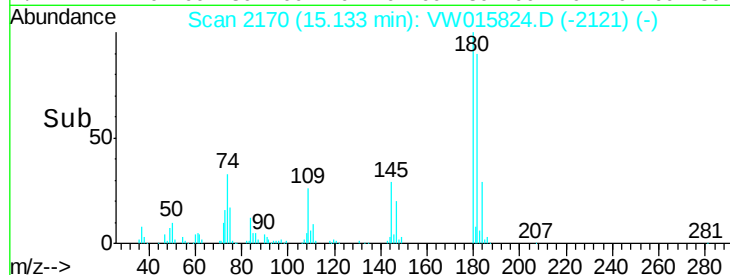
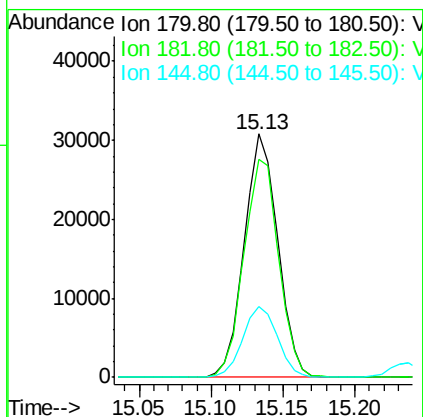
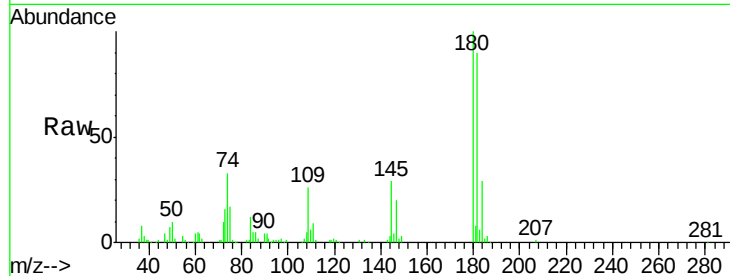




#93
 1,2,4-Trichlorobenzene
 Concen: 20.577 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

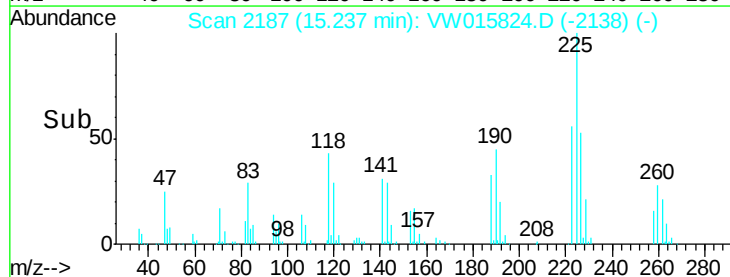
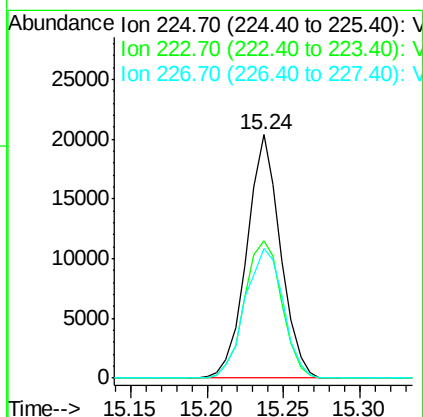
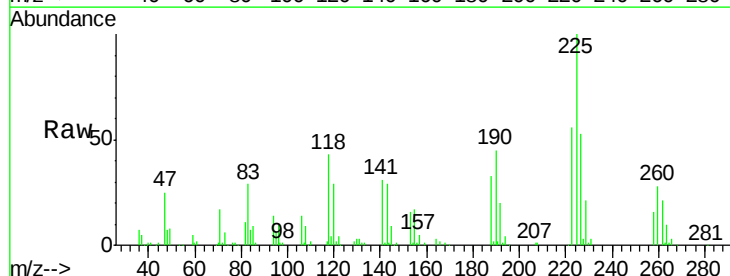
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

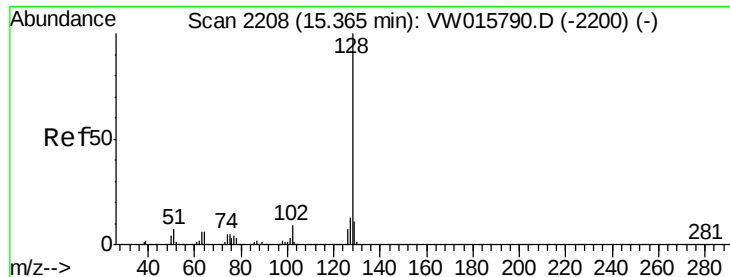
Tot Ion:180 Resp: 49493
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.8 140.3
 145 30.2 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 20.411 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015824.D
 Acq: 09 Jul 2020 13:18

Tgt Ion:225 Resp: 31170
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.2
 227 60.5 30.7 92.1

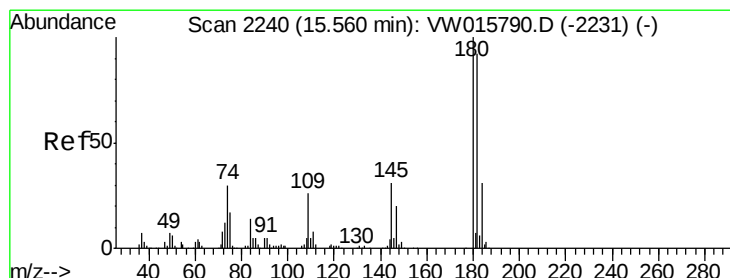
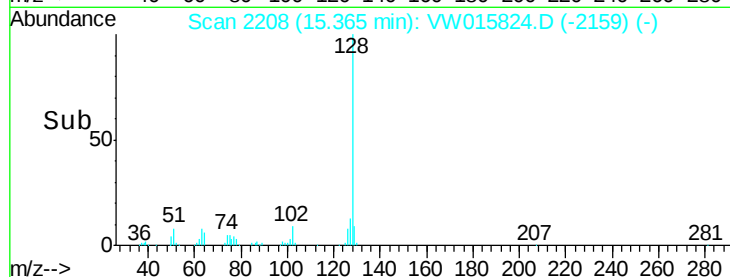
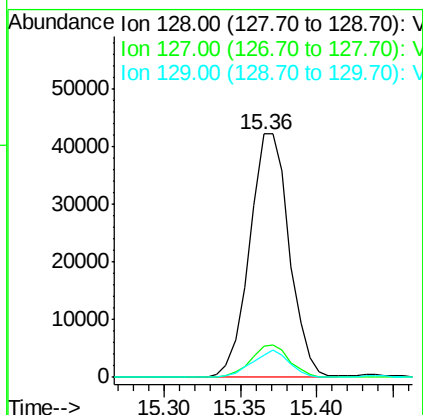
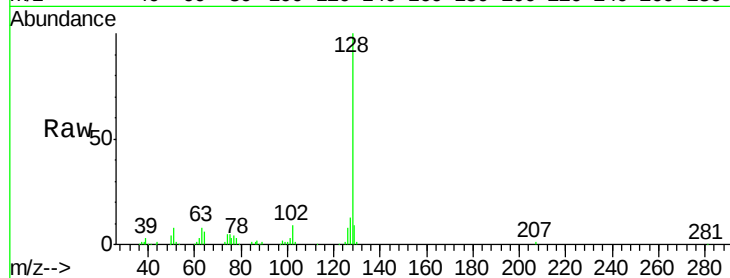




#95
Naphthalene
Concen: 18.813 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion:128 Resp: 76177
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.989 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015824.D
Acq: 09 Jul 2020 13:18

Tgt Ion:180 Resp: 40911
Ion Ratio Lower Upper
180 100
182 95.9 47.7 143.1
145 32.7 16.7 50.0

