

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015646.D
 Acq On : 22 Jun 2020 13:47
 Operator : SY/VA
 Sample : VW0622SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBSD01

Quant Time: Jun 23 05:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	122286	54.92	ug/l	0.00
Spiked Amount			Recovery	=	109.84%	
35) Dibromofluoromethane	7.89	113	107793	53.90	ug/l	0.00
Spiked Amount			Recovery	=	107.80%	
50) Toluene-d8	10.32	98	439886	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
62) 4-Bromofluorobenzene	12.62	95	159003	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	23115	19.642	ug/l	96
3) Chloromethane	2.21	50	28627	19.792	ug/l	97
4) Vinyl Chloride	2.37	62	47296	20.982	ug/l	100
5) Bromomethane	2.78	94	35626	22.418	ug/l	96
6) Chloroethane	2.93	64	31218	21.394	ug/l	96
7) Trichlorofluoromethane	3.26	101	36265	21.558	ug/l	100
8) Diethyl Ether	3.68	74	20262	19.860	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41741	20.395	ug/l	98
10) Methyl Iodide	4.28	142	58268	19.282	ug/l	100
11) Tert butyl alcohol	5.21	59	13584	68.556	ug/l	98
12) 1,1-Dichloroethene	4.04	96	40677	19.971	ug/l	98
13) Acrolein	3.90	56	13897	102.247	ug/l	98
14) Allyl chloride	4.67	41	65720	18.970	ug/l	99
15) Acrylonitrile	5.38	53	42103	99.807	ug/l	99
16) Acetone	4.14	43	41267	81.207	ug/l	98
17) Carbon Disulfide	4.38	76	116262	19.112	ug/l	100
18) Methyl Acetate	4.68	43	19926	19.956	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63082	19.957	ug/l	99
20) Methylene Chloride	4.92	84	48905	20.984	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	45812	19.879	ug/l	97
22) Diisopropyl ether	6.32	45	129175	19.732	ug/l	99
23) Vinyl Acetate	6.26	43	379722	97.827	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81863	19.846	ug/l	99
25) 2-Butanone	7.18	43	57563	96.326	ug/l	100
26) 2,2-Dichloropropane	7.17	77	56627	19.546	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49090	19.583	ug/l	96
28) Bromochloromethane	7.51	49	31837	20.565	ug/l #	100
29) Tetrahydrofuran	7.54	42	34678	97.882	ug/l	99
30) Chloroform	7.68	83	83403	20.141	ug/l	100
31) Cyclohexane	7.96	56	78081	19.384	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	73072	20.431	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67699	19.720	ug/l	100
37) Ethyl Acetate	7.26	43	26377	19.797	ug/l	99
38) Carbon Tetrachloride	8.07	117	66983	19.928	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82552	19.499	ug/l	96
40) Benzene	8.33	78	185619	20.036	ug/l	100
41) Methacrylonitrile	7.49	41	15538	20.303	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57641	20.386	ug/l	100
43) Isopropyl Acetate	8.43	43	52409	19.800	ug/l	98
44) Trichloroethene	9.10	130	49035	19.836	ug/l	94
45) 1,2-Dichloropropane	9.37	63	45258	20.027	ug/l	100
46) Dibromomethane	9.46	93	23821	20.648	ug/l	99
47) Bromodichloromethane	9.65	83	59777	19.148	ug/l	98
48) Methyl methacrylate	9.44	41	23892	19.747	ug/l	99
49) 1,4-Dioxane	9.46	88	6249	356.372	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	125114	99.489	ug/l	98
52) Toluene	10.39	92	122575	20.512	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	58074	18.872	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	68840	18.985	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33503	20.804	ug/l	96
56) Ethyl methacrylate	10.65	69	40618	19.391	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58379	20.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	101493	101.337	ug/l	99
59) 2-Hexanone	10.97	43	85156	97.897	ug/l	99
60) Dibromochloromethane	11.13	129	38190	19.435	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31007	20.119	ug/l	98
64) Tetrachloroethene	10.87	164	42746	20.684	ug/l	90
65) Chlorobenzene	11.66	112	127193	20.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44474	19.793	ug/l	99
67) Ethyl Benzene	11.73	91	237229	20.053	ug/l	100
68) m/p-Xylenes	11.84	106	177913	40.249	ug/l	99
69) o-Xylene	12.17	106	81329	19.751	ug/l	98
70) Styrene	12.18	104	138700	19.722	ug/l	99
71) Bromoform	12.35	173	20214	18.716	ug/l #	99
73) Isopropylbenzene	12.47	105	228109	19.397	ug/l	99
74) N-amyl acetate	12.27	43	48016	19.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	36683	20.244	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	48128	37.107	ug/l #	100
77) Bromobenzene	12.75	156	50641	19.942	ug/l	98
78) n-propylbenzene	12.80	91	280007	19.929	ug/l	100
79) 2-Chlorotoluene	12.90	91	156394	19.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	197733	19.952	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10176	16.899	ug/l	90
82) 4-Chlorotoluene	12.99	91	164381	19.965	ug/l	100
83) tert-Butylbenzene	13.21	119	163020	19.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	198886	20.082	ug/l	99
85) sec-Butylbenzene	13.38	105	238558	19.987	ug/l	100
86) p-Isopropyltoluene	13.50	119	217951	19.935	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	100794	20.008	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	98626	19.650	ug/l	96
89) n-Butylbenzene	13.82	91	210527	20.060	ug/l	98
90) Hexachloroethane	14.10	117	37739	18.765	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	87544	19.903	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5886	18.841	ug/l	98

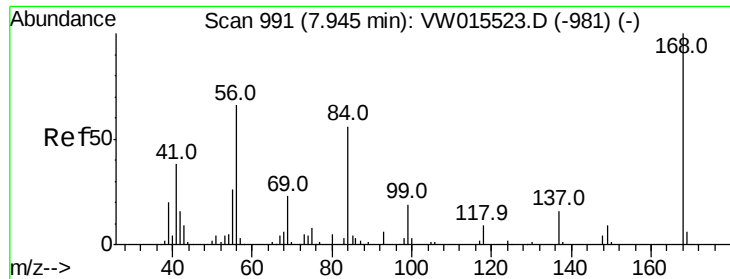
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062220\
Data File : VW015646.D
Acq On : 22 Jun 2020 13:47
Operator : SY/VA
Sample : VW0622SBSD01
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Quant Title : SW846 8260
QLast Update : Tue Jun 02 13:57:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57705	19.098	ug/l	99
94) Hexachlorobutadiene	15.24	225	36636	19.883	ug/l	98
95) Naphthalene	15.37	128	92999	18.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	48241	18.954	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

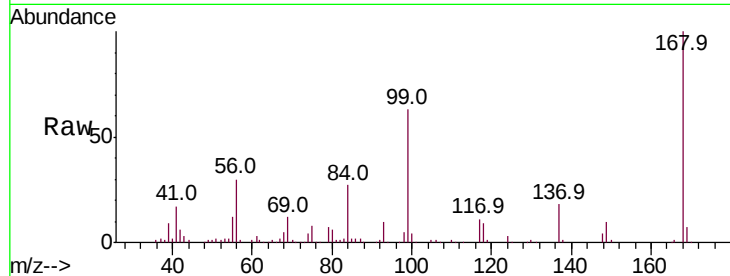
VW0622SBSD01

Tot Ion:168 Resp: 210660

Ion Ratio Lower Upper

168 100

99 62.5 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

20000

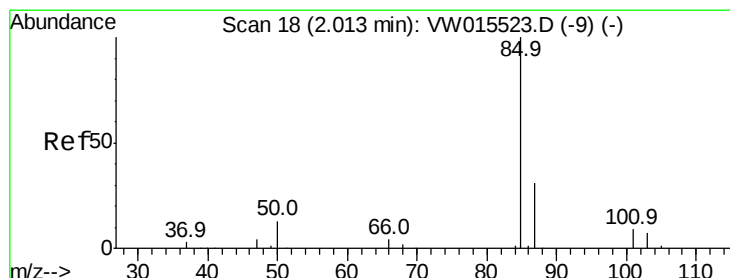
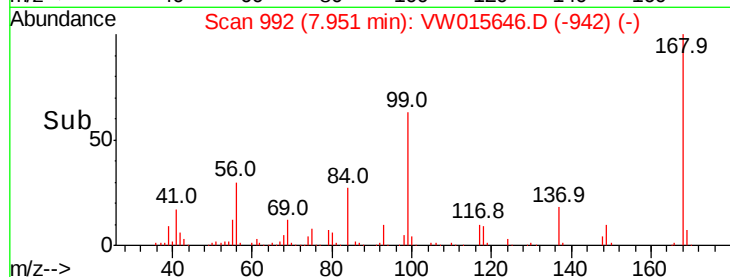
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.642 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015646.D

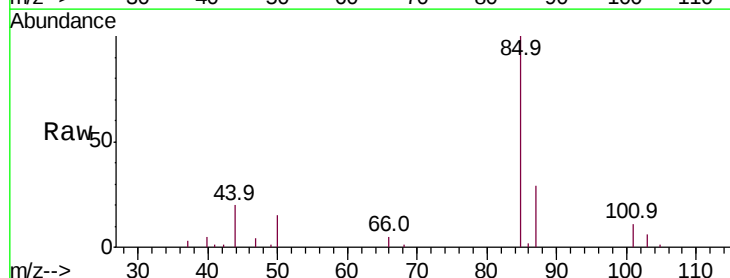
Acq: 22 Jun 2020 13:47

Tgt Ion: 85 Resp: 23115

Ion Ratio Lower Upper

85 100

87 29.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

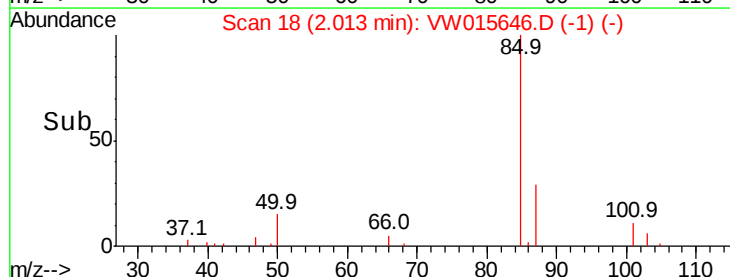
1.90

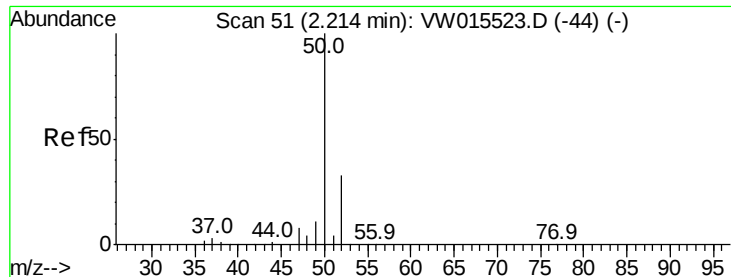
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.792 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

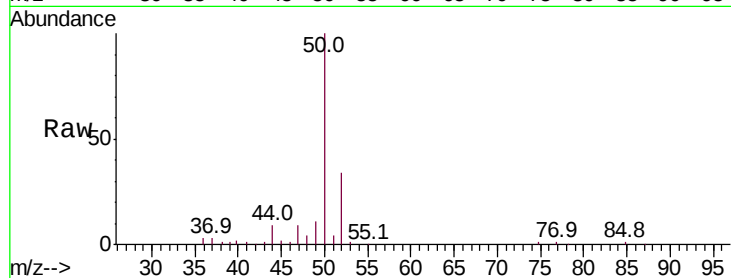
VW0622SBSD01

Tot Ion: 50 Resp: 28627

Ion Ratio Lower Upper

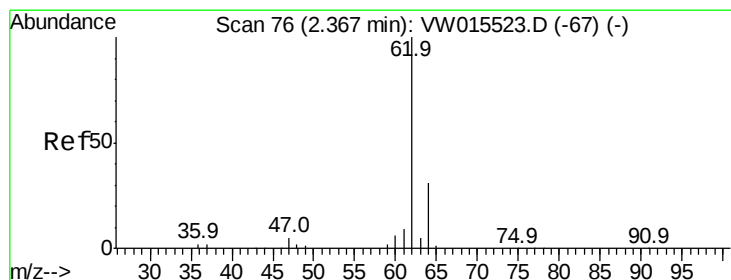
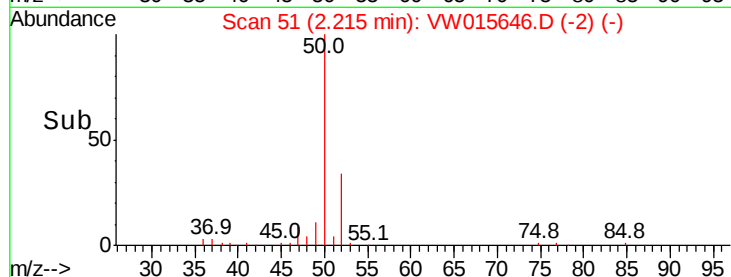
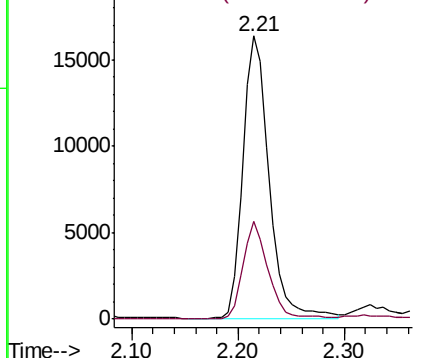
50 100

52 34.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.982 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015646.D

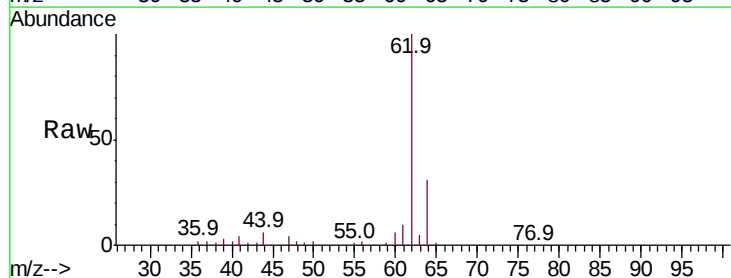
Acq: 22 Jun 2020 13:47

Tgt Ion: 62 Resp: 47296

Ion Ratio Lower Upper

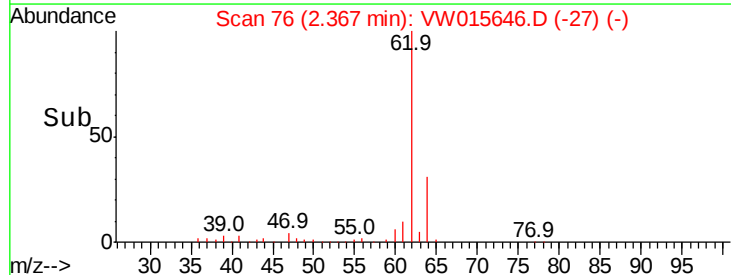
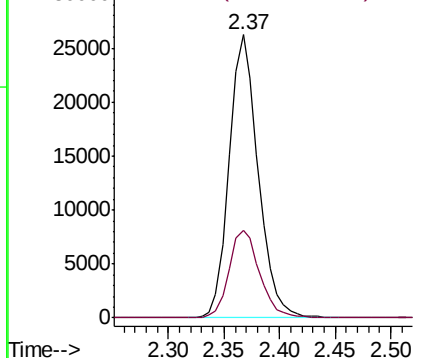
62 100

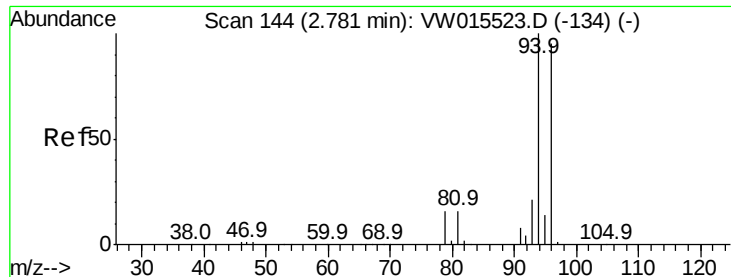
64 31.0 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.418 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

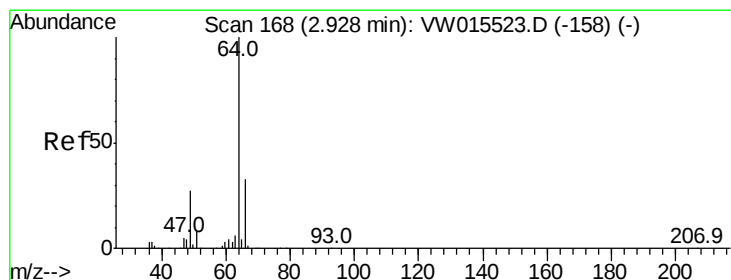
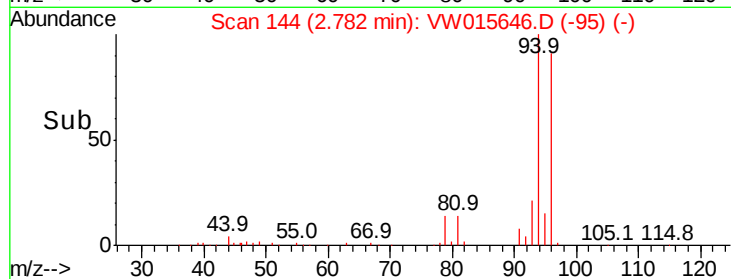
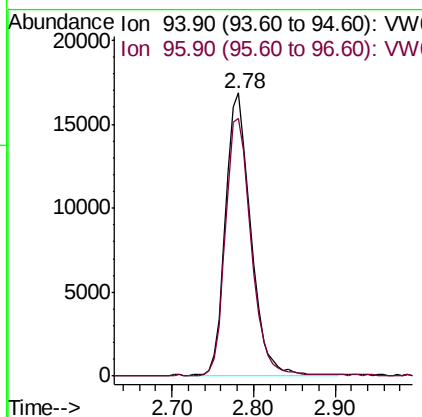
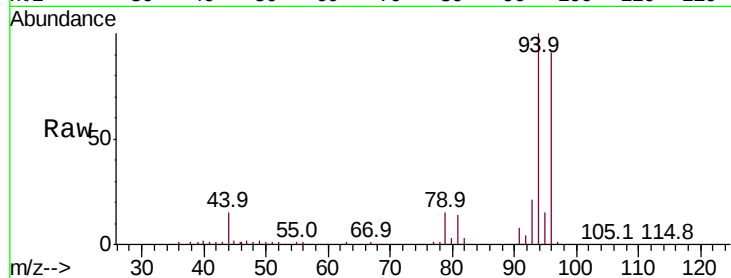
VW0622SBSD01

Tot Ion: 94 Resp: 35626

Ion Ratio Lower Upper

94 100

96 91.3 76.0 114.0



#6

Chloroethane

Concen: 21.394 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015646.D

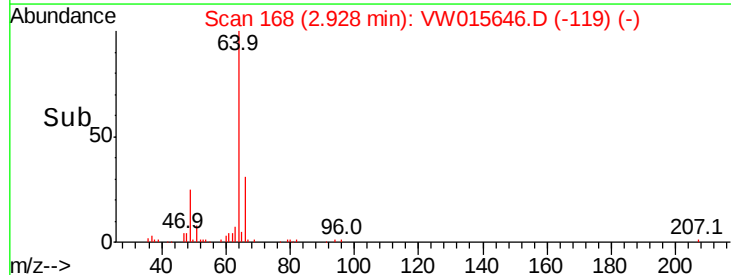
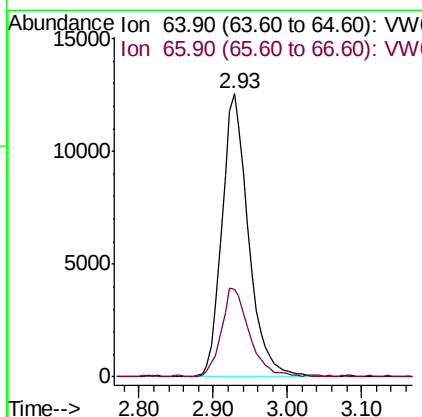
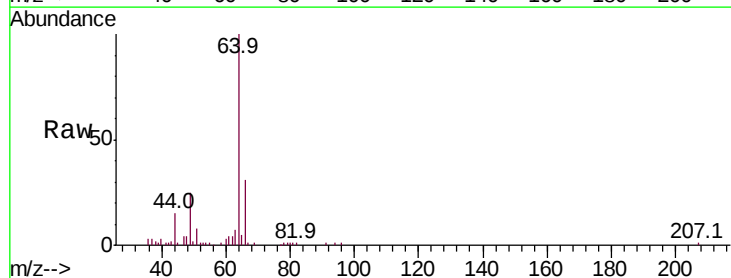
Acq: 22 Jun 2020 13:47

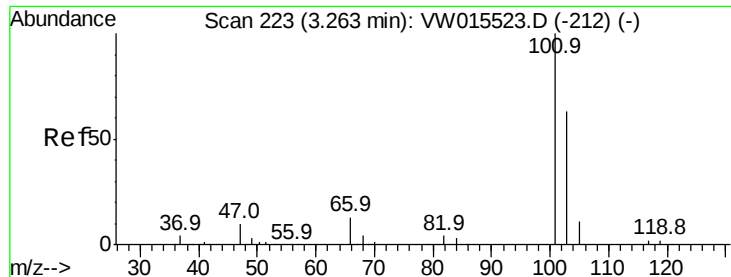
Tgt Ion: 64 Resp: 31218

Ion Ratio Lower Upper

64 100

66 31.1 26.8 40.2



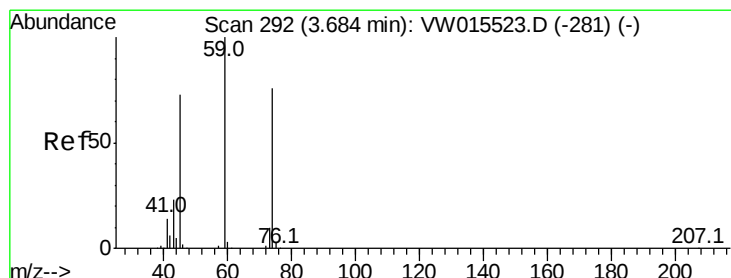
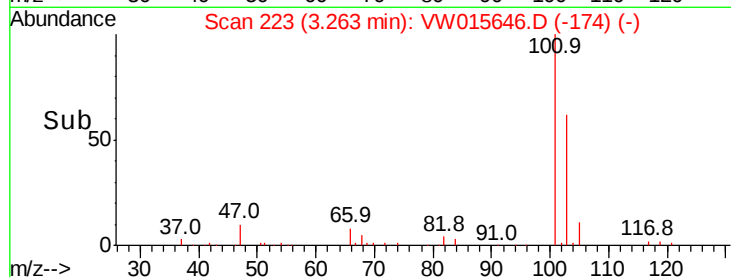
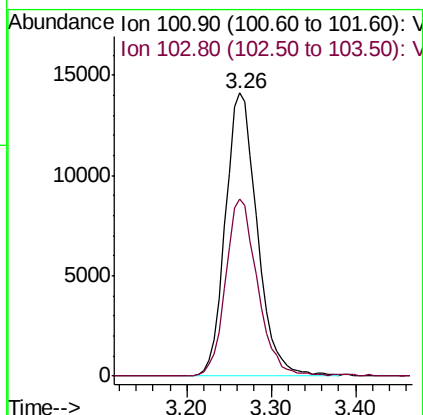
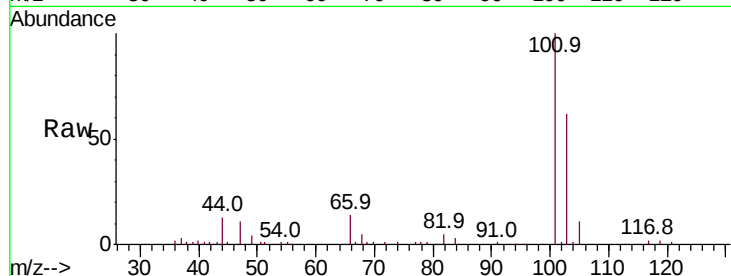


#7

Trichlorofluoromethane
 Concen: 21.558 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBSD01

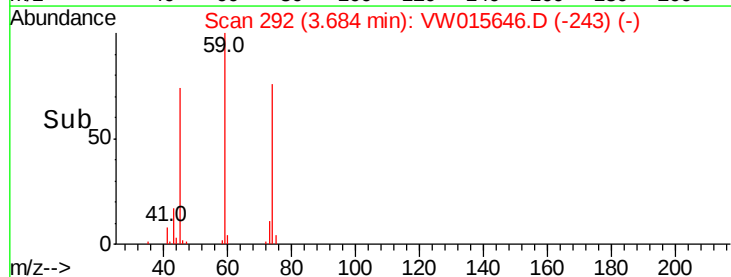
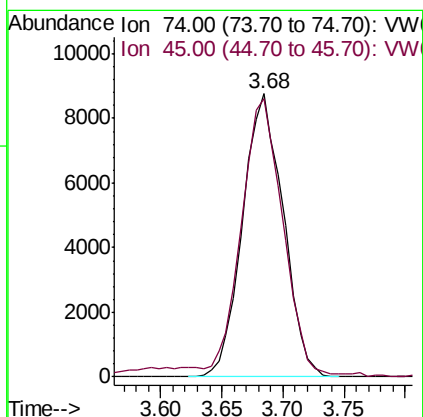
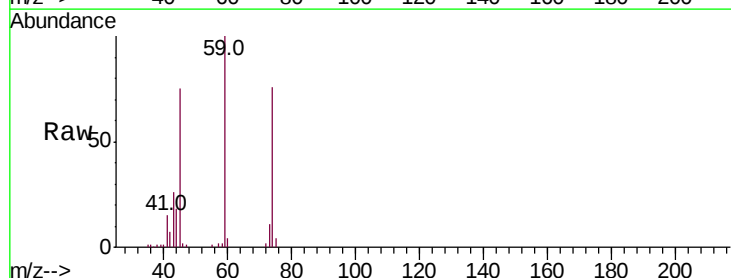
Tot Ion:101 Resp: 36265
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.2

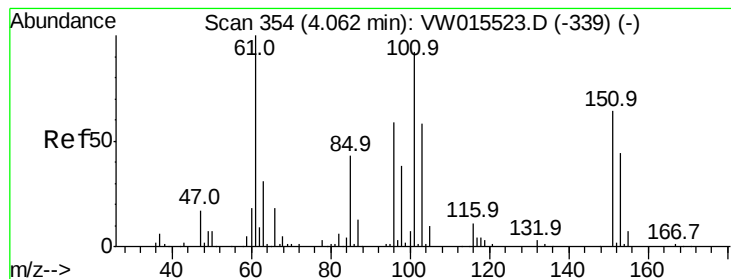


#8

Diethyl Ether
 Concen: 19.860 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

Tgt Ion: 74 Resp: 20262
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.395 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBSD01

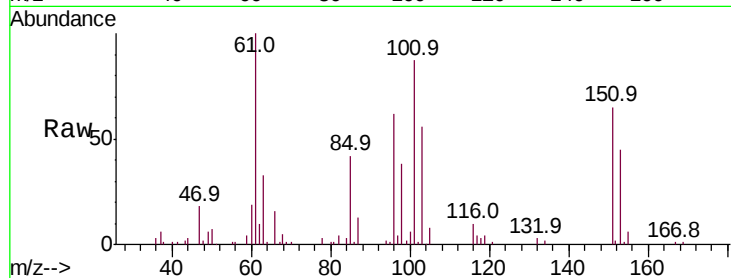
Tot Ion:101 Resp: 41741

Ion Ratio Lower Upper

101 100

85 43.4 37.0 55.6

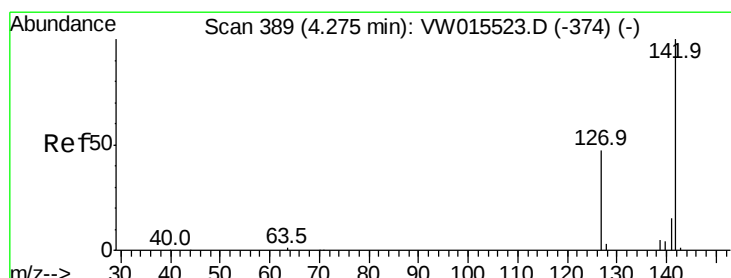
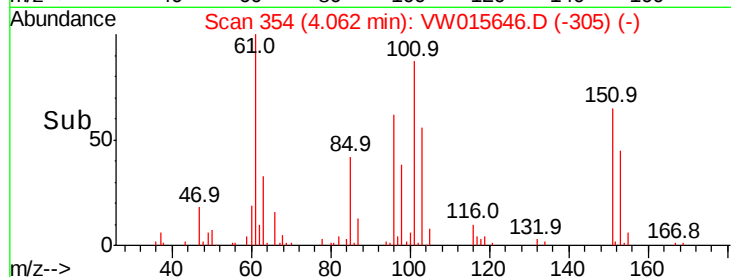
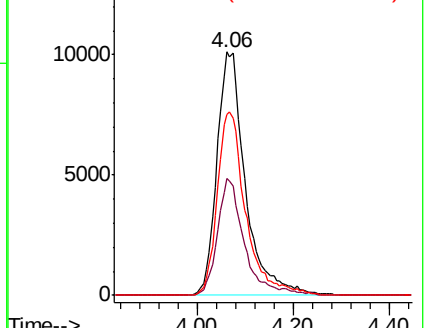
151 75.3 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.282 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

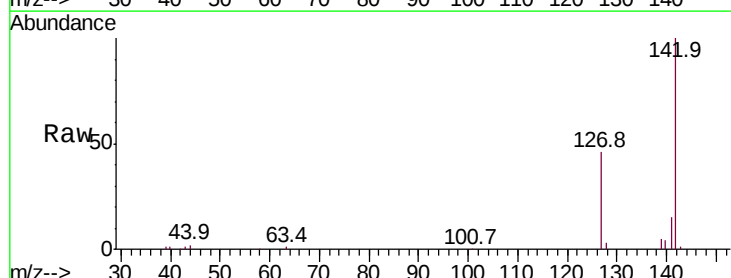
Tgt Ion:142 Resp: 58268

Ion Ratio Lower Upper

142 100

127 45.9 36.9 55.3

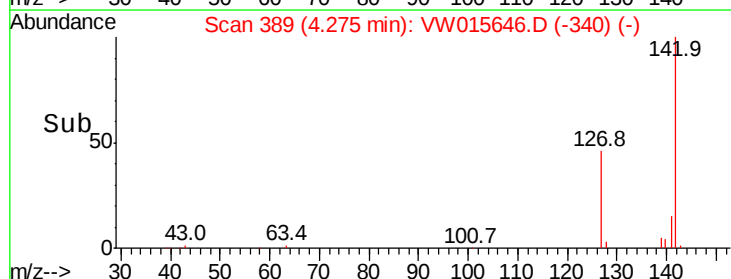
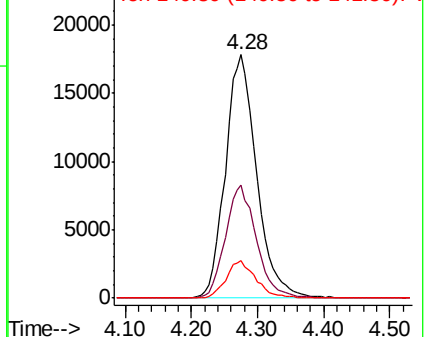
141 14.6 11.7 17.5

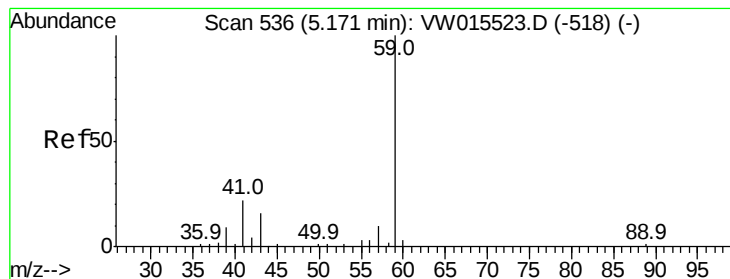


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 68.556 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.04 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

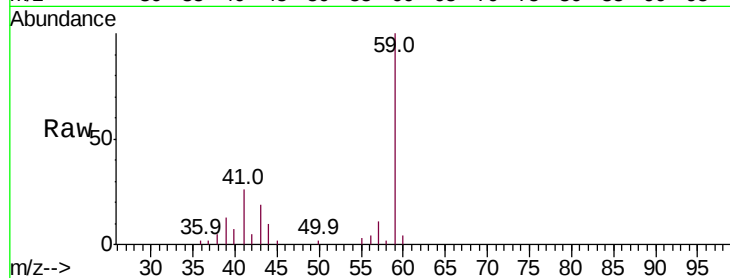
VW0622SBSD01

Tot Ion: 59 Resp: 13584

Ion Ratio Lower Upper

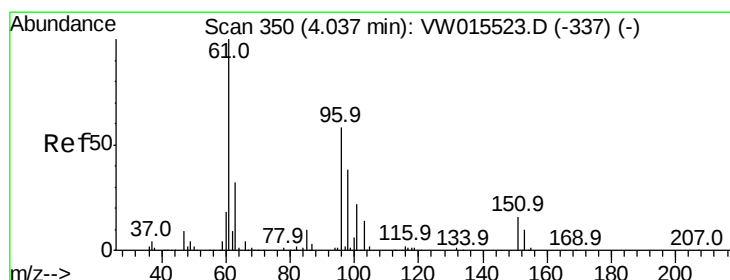
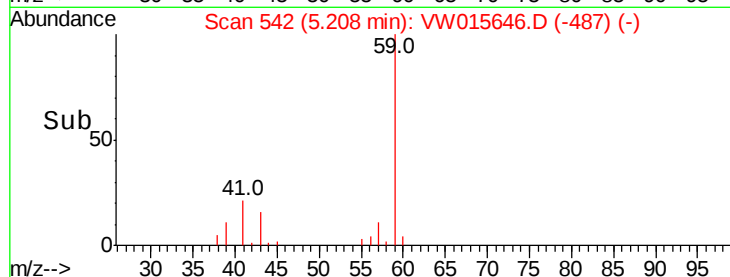
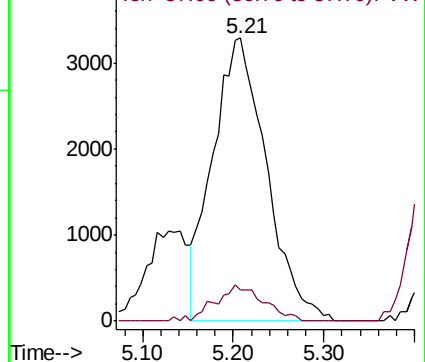
59 100

57 11.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 19.971 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

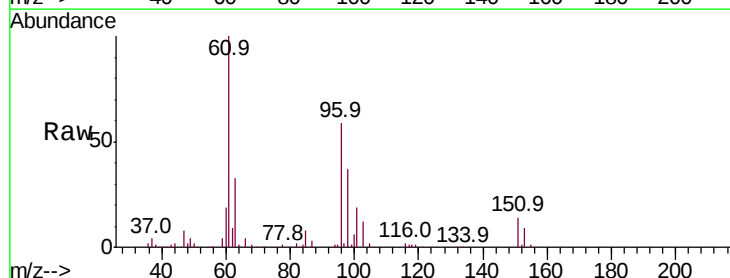
Tgt Ion: 96 Resp: 40677

Ion Ratio Lower Upper

96 100

61 170.5 138.3 207.5

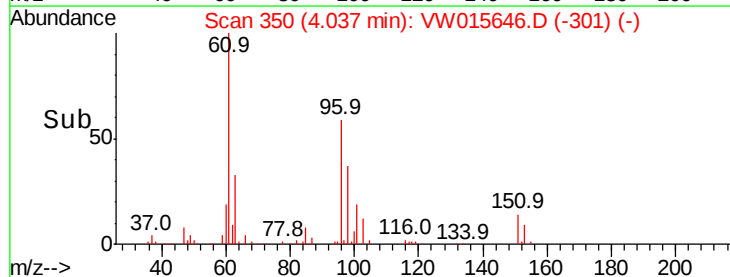
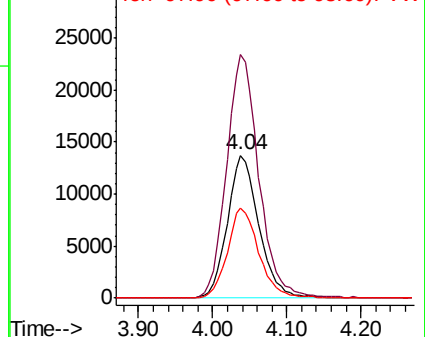
98 63.0 52.2 78.4

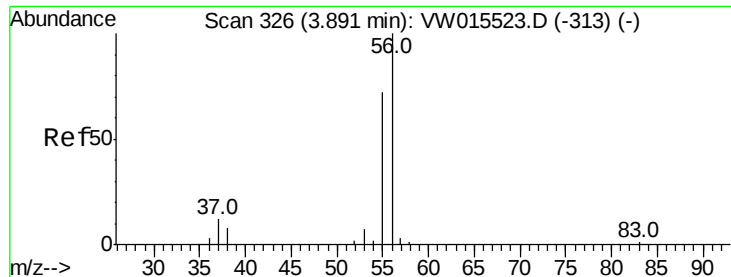


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

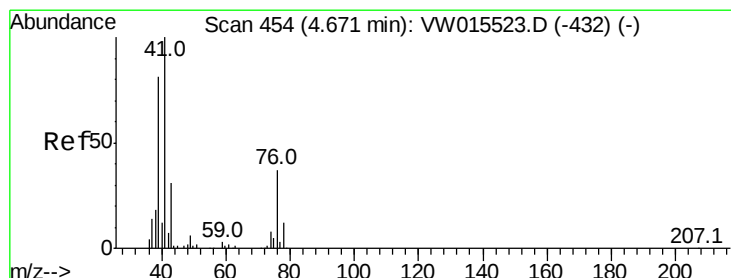
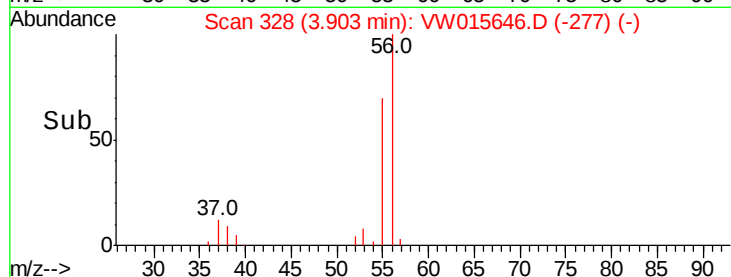
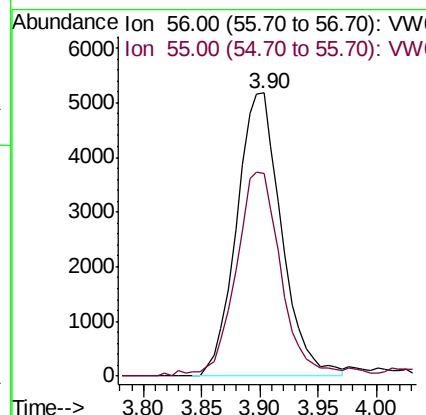
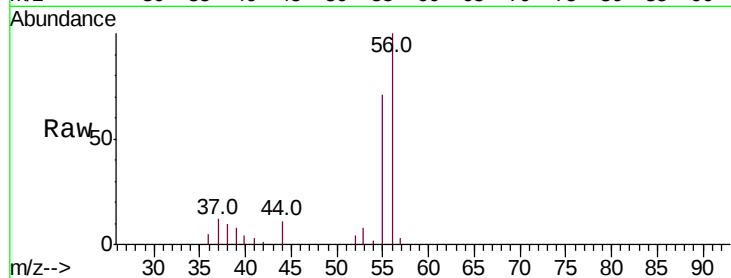




#13
Acrolein
Concen: 102.247 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

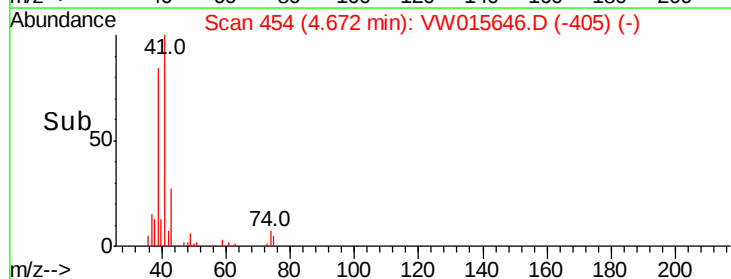
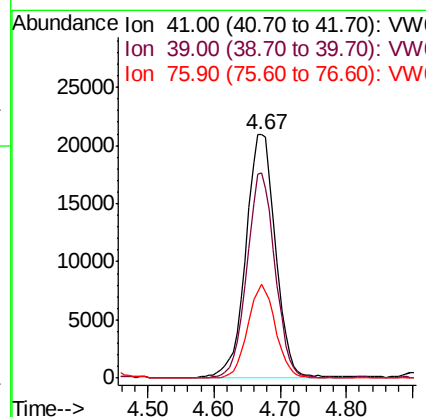
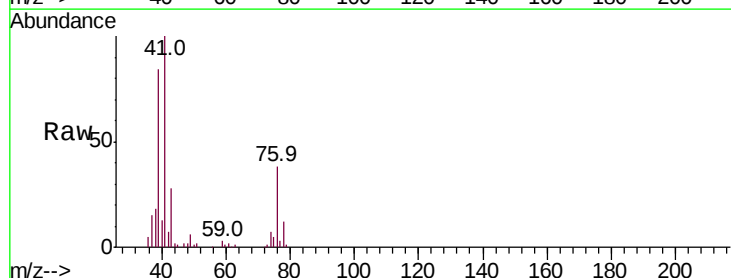
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

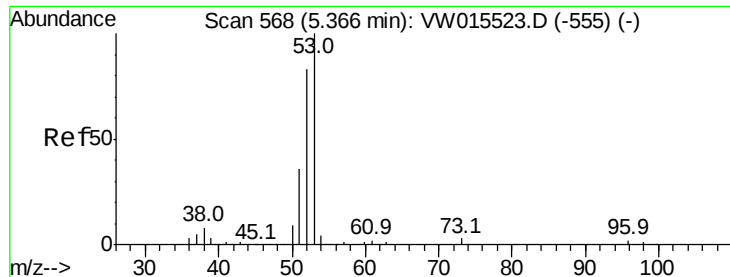
Tot Ion: 56 Resp: 13897
Ion Ratio Lower Upper
56 100
55 72.4 56.5 84.7



#14
Allyl chloride
Concen: 18.970 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 41 Resp: 65720
Ion Ratio Lower Upper
41 100
39 79.8 63.1 94.7
76 35.7 28.6 43.0





#15

Acrylonitrile

Concen: 99.807 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

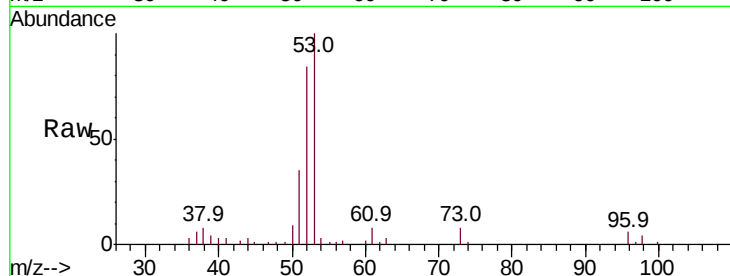
MSVOA_W

ClientSampleId :

VW0622SBSD01

Tot Ion: 53 Resp: 42103

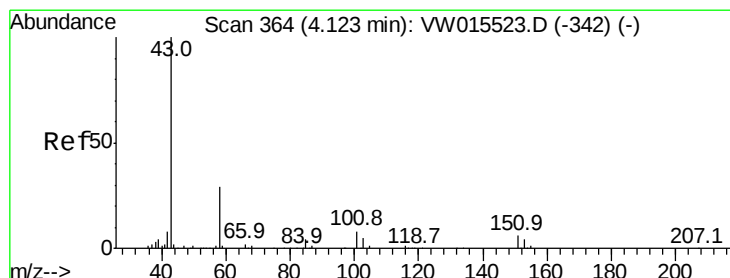
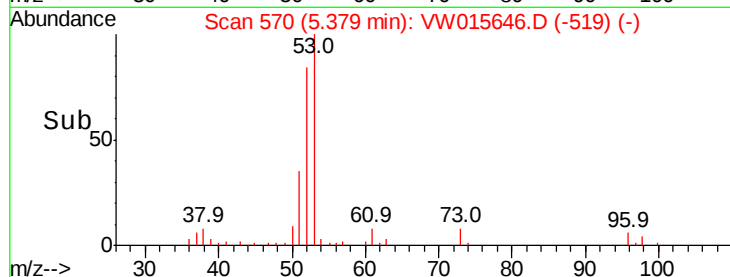
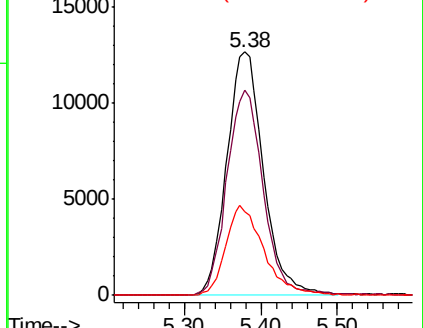
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.1	99.1
51	38.0	30.2	45.4



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 81.207 ug/l

RT: 4.14 min Scan# 366

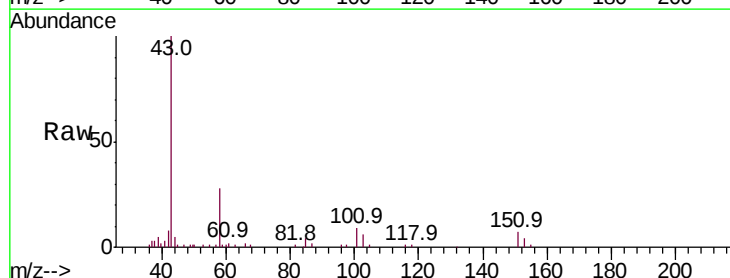
Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

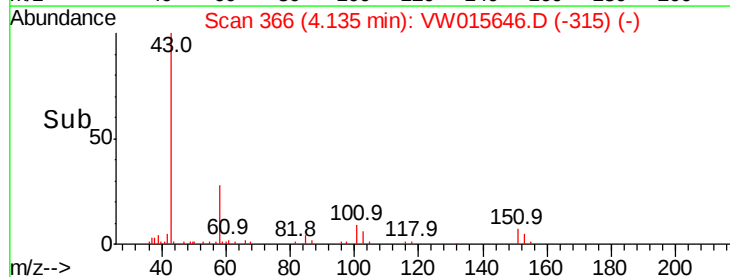
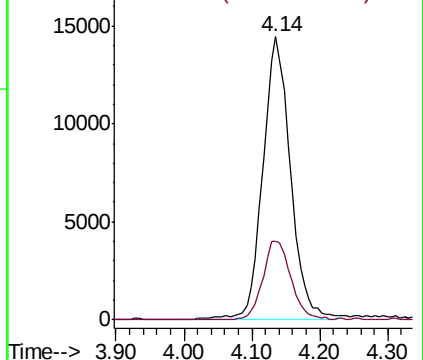
Tgt Ion: 43 Resp: 41267

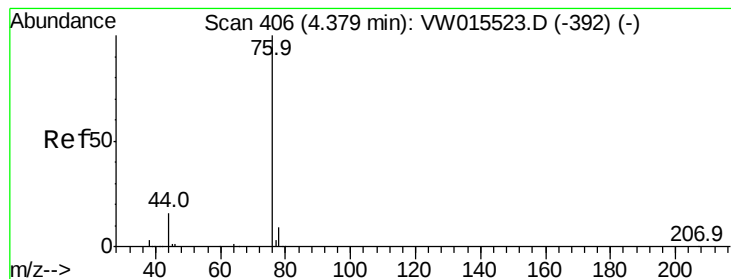
Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.1	34.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 19.112 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

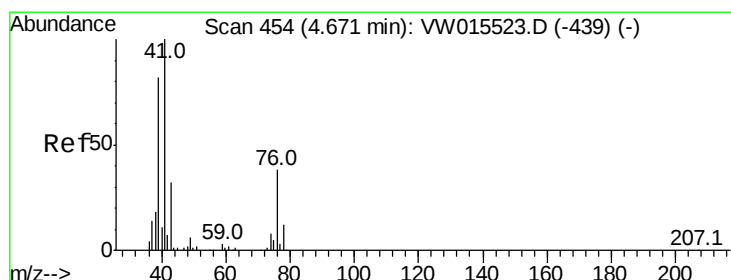
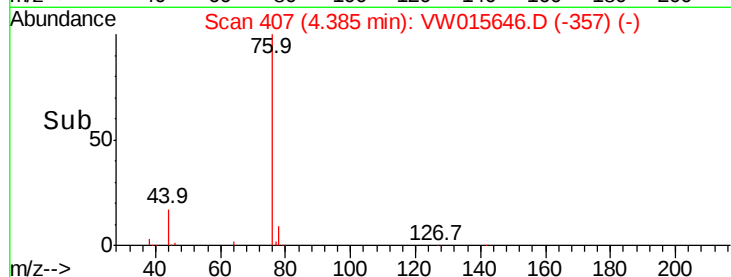
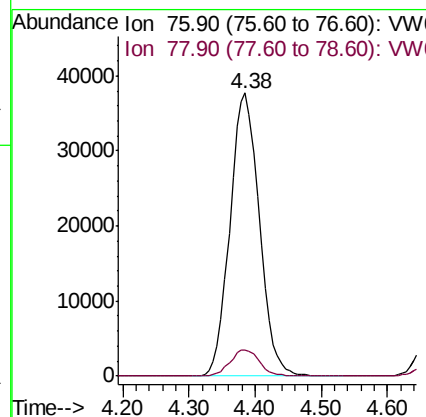
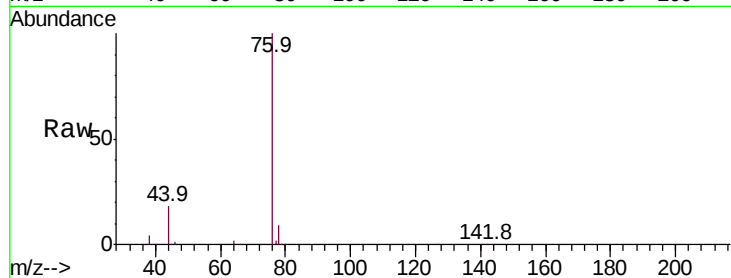
VW0622SBSD01

Tot Ion: 76 Resp: 116262

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



#18

Methyl Acetate

Concen: 19.956 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015646.D

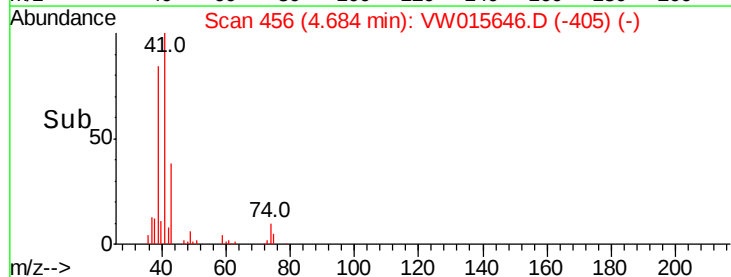
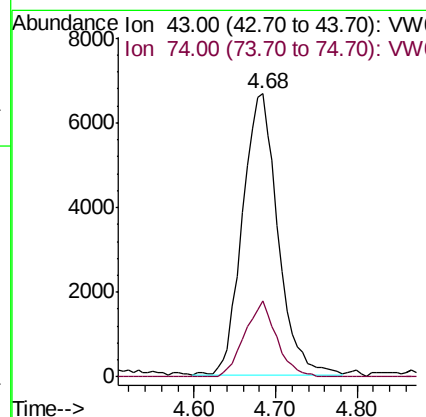
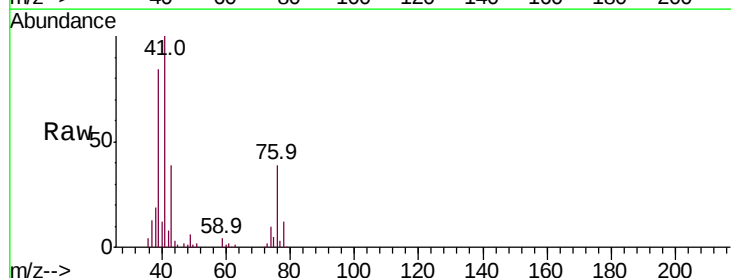
Acq: 22 Jun 2020 13:47

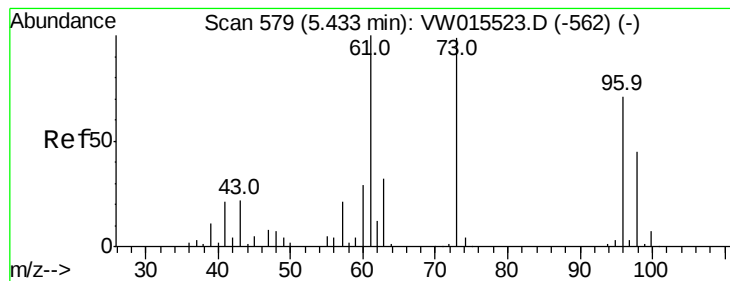
Tgt Ion: 43 Resp: 19926

Ion Ratio Lower Upper

43 100

74 24.4 18.8 28.2



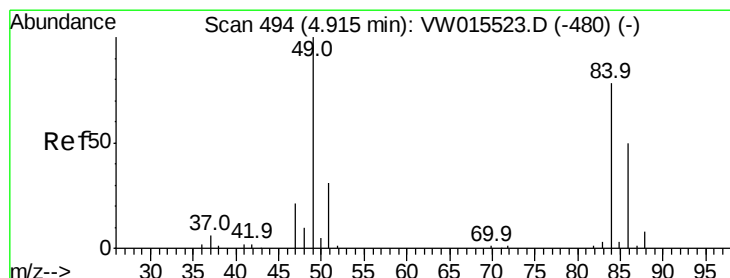
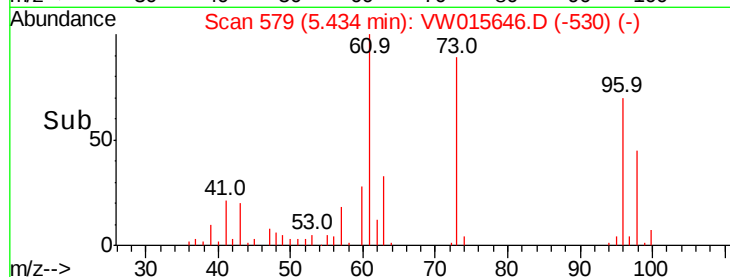
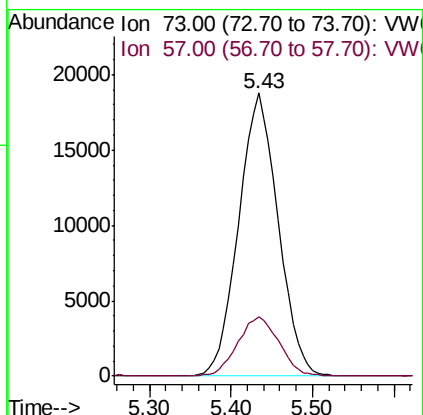
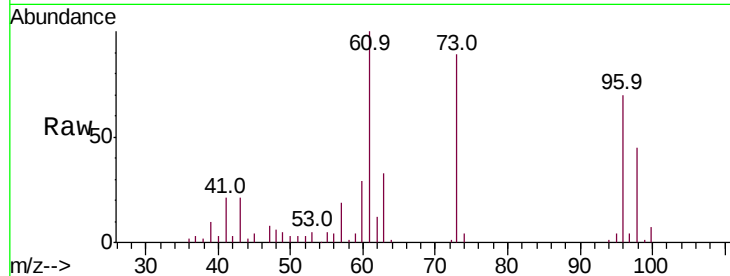


#19

Methyl tert-butyl Ether
 Concen: 19.957 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBSD01

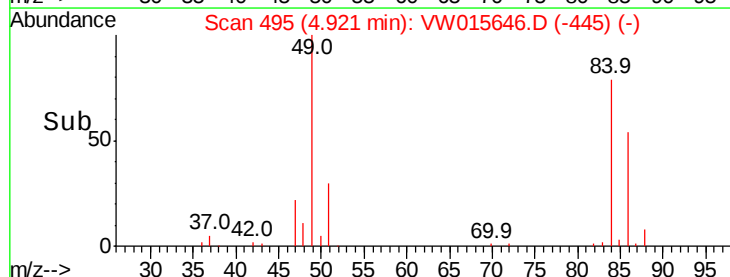
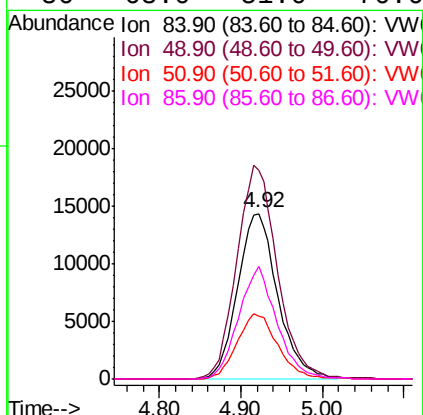
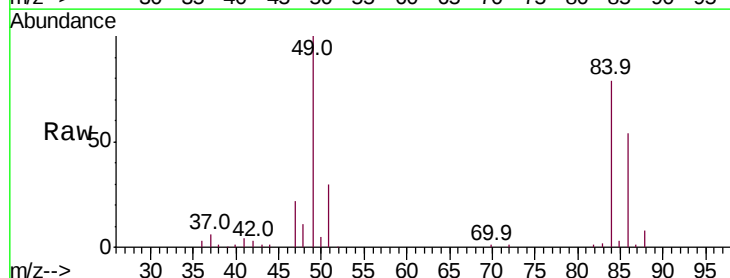
Tot Ion: 73 Resp: 63082
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.1 25.7

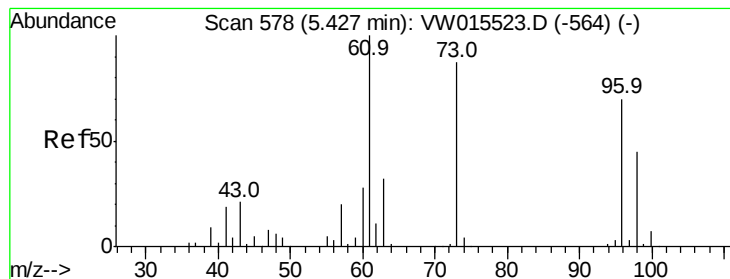


#20

Methylene Chloride
 Concen: 20.984 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

Tgt Ion: 84 Resp: 48905
 Ion Ratio Lower Upper
 84 100
 49 126.3 102.8 154.2
 51 37.9 31.4 47.2
 86 68.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.879 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

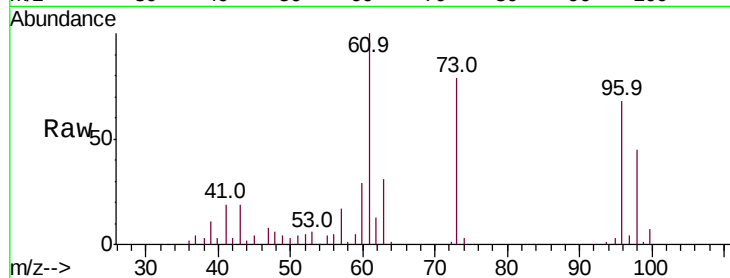
Tot Ion: 96 Resp: 45812

Ion Ratio Lower Upper

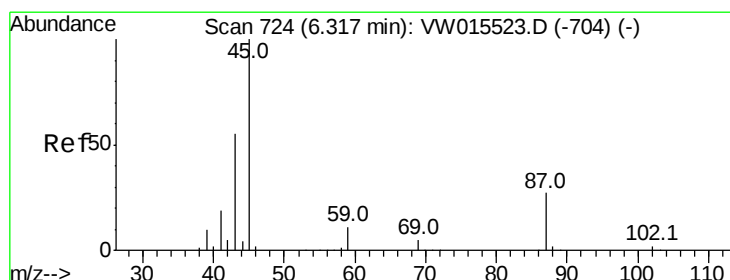
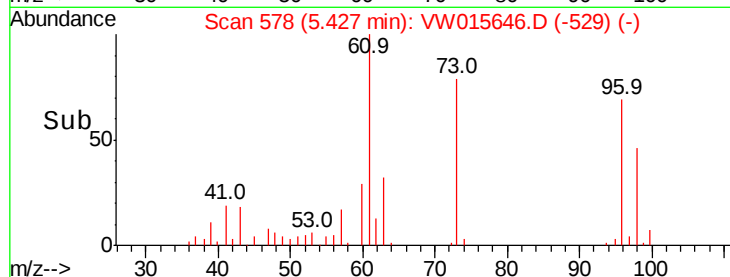
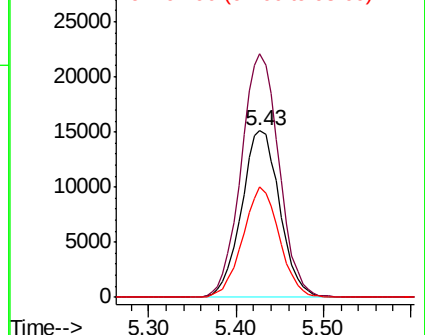
96 100

61 146.4 114.3 171.5

98 66.4 51.0 76.4



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



#22

Diisopropyl ether

Concen: 19.732 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Tgt Ion: 45 Resp: 129175

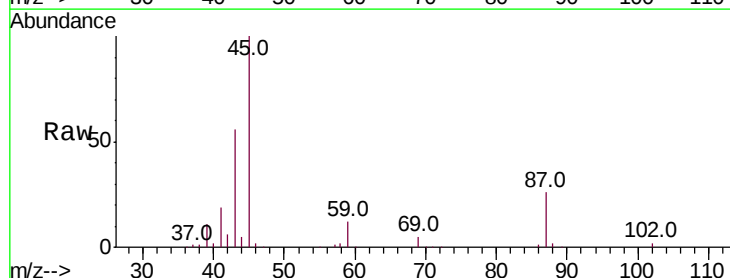
Ion Ratio Lower Upper

45 100

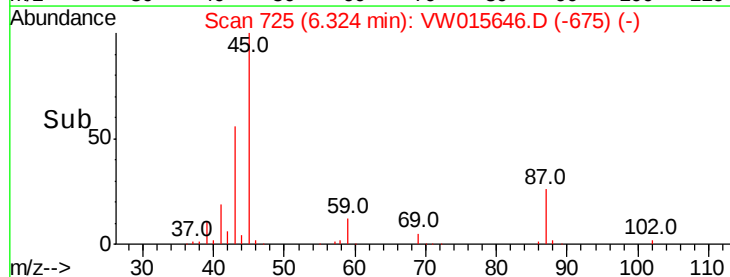
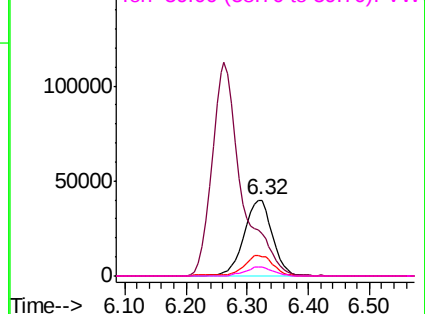
43 55.0 44.1 66.1

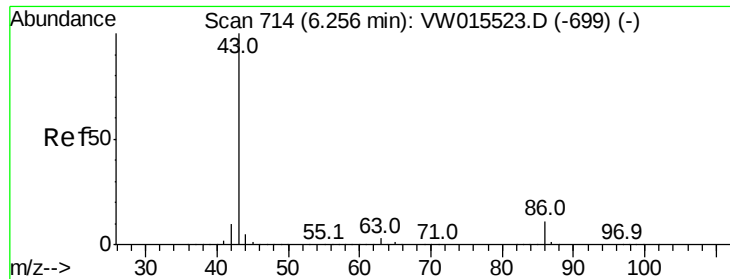
87 26.1 21.8 32.8

59 11.6 9.0 13.6



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





#23

Vinyl Acetate

Concen: 97.827 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

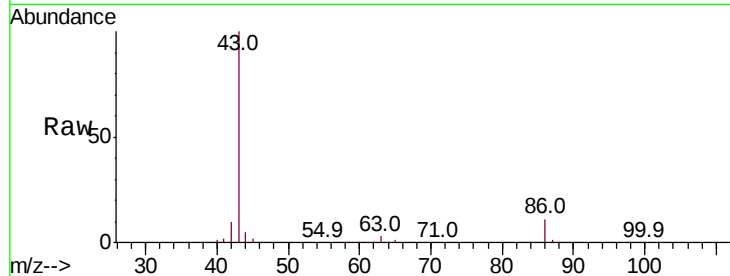
VW0622SBSD01

Tot Ion: 43 Resp: 379722

Ion Ratio Lower Upper

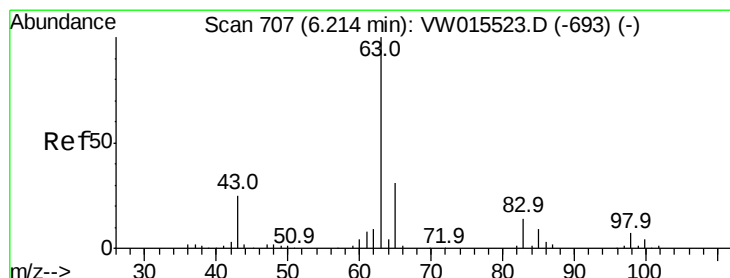
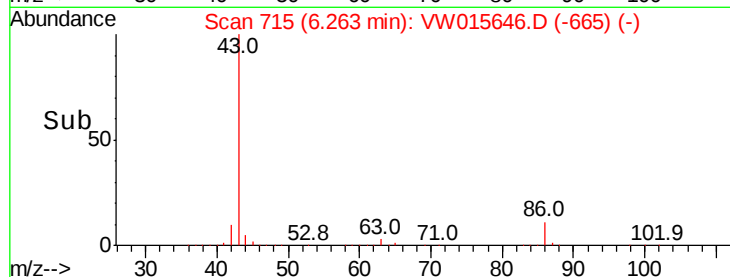
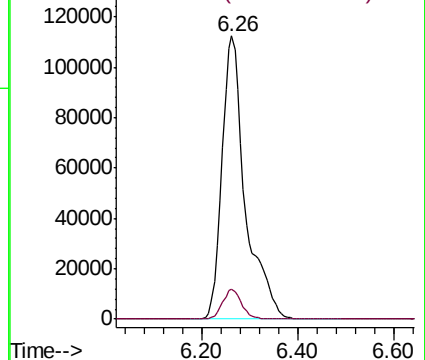
43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.846 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

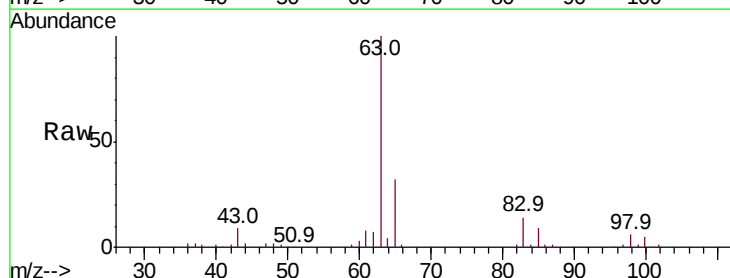
Tgt Ion: 63 Resp: 81863

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

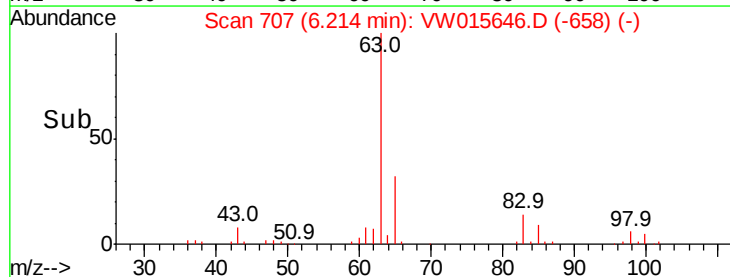
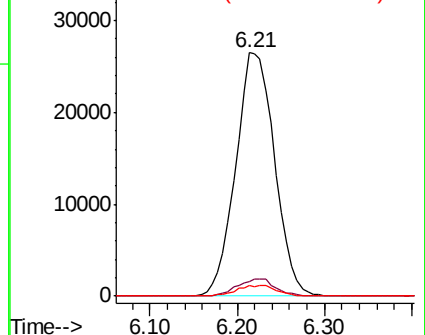
100 4.6 2.2 6.6

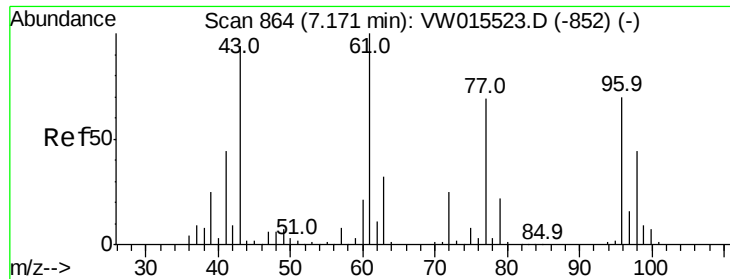


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 96.326 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

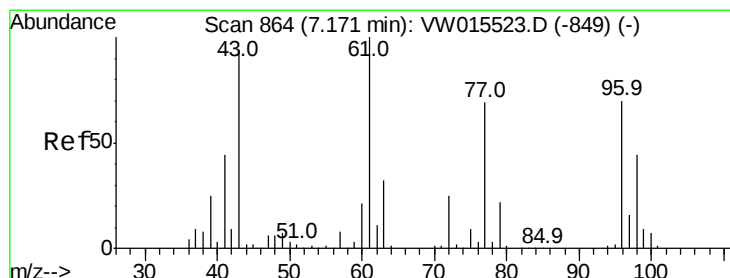
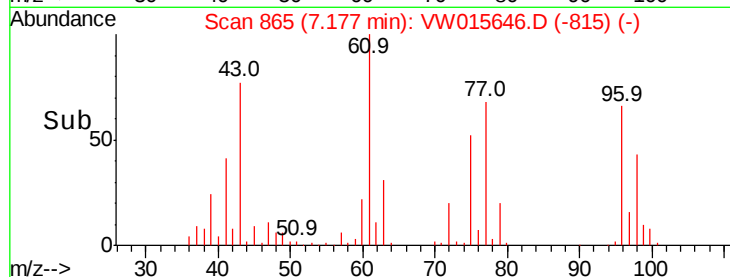
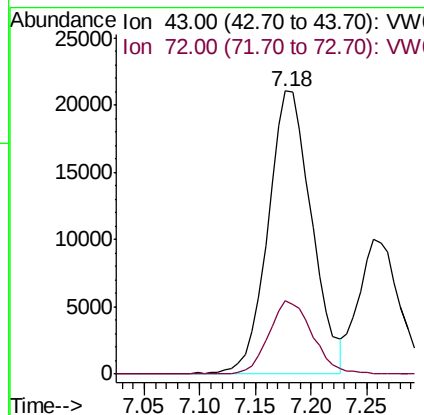
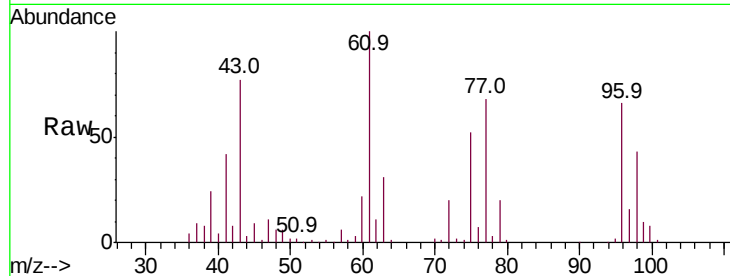
VW0622SBSD01

Tot Ion: 43 Resp: 57563

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.546 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015646.D

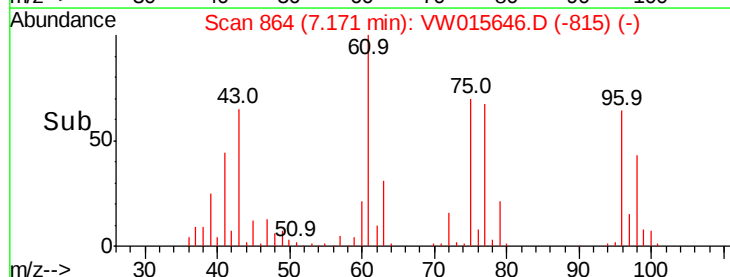
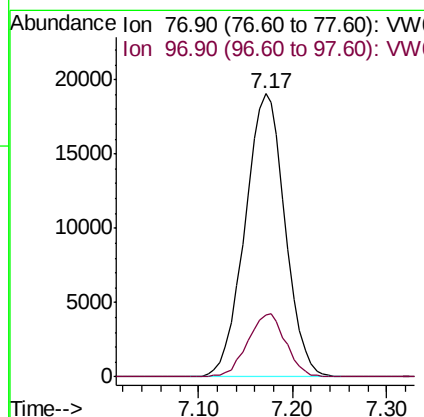
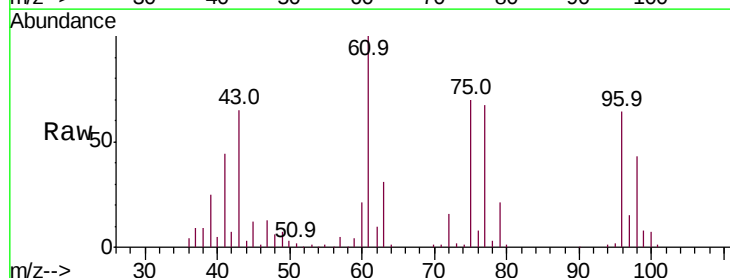
Acq: 22 Jun 2020 13:47

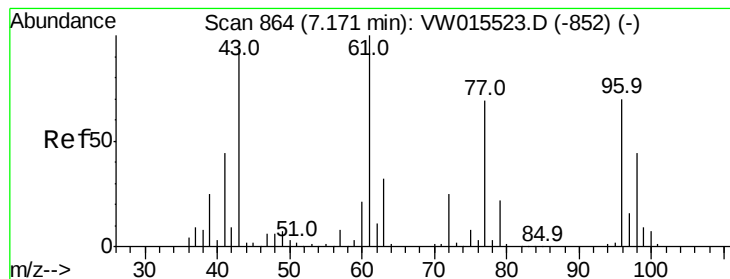
Tgt Ion: 77 Resp: 56627

Ion Ratio Lower Upper

77 100

97 21.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.583 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBSD01

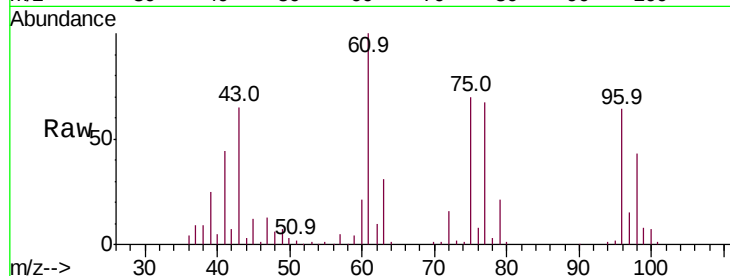
Tot Ion: 96 Resp: 49090

Ion Ratio Lower Upper

96 100

61 152.6 0.0 293.0

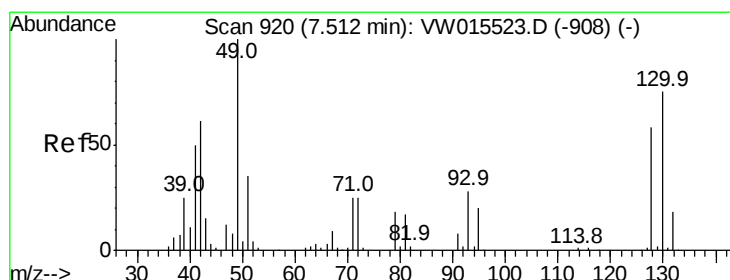
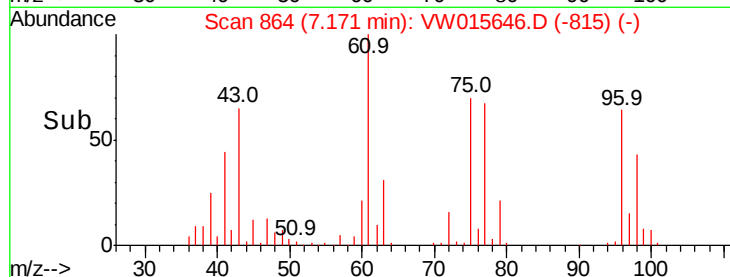
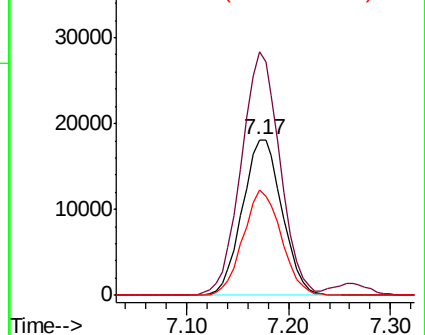
98 65.0 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 20.565 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

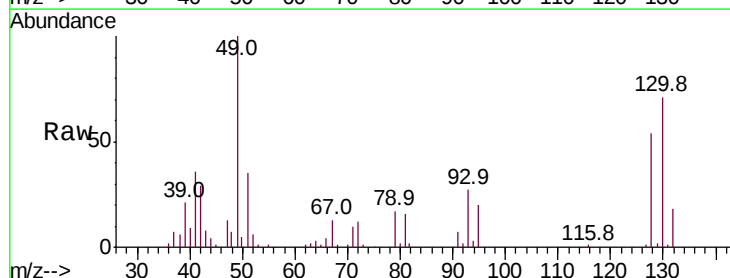
Tgt Ion: 49 Resp: 31837

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.0#

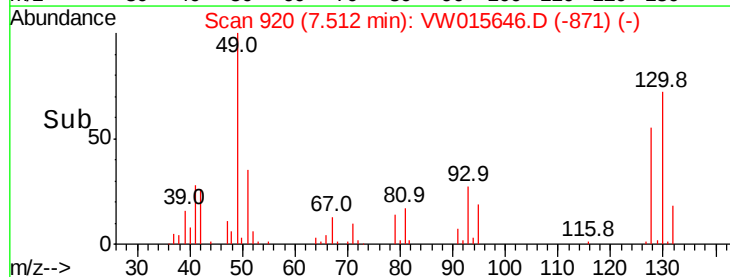
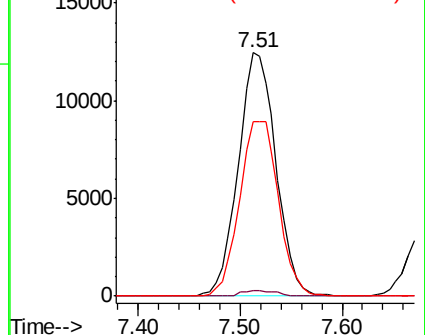
130 74.4 59.7 89.5

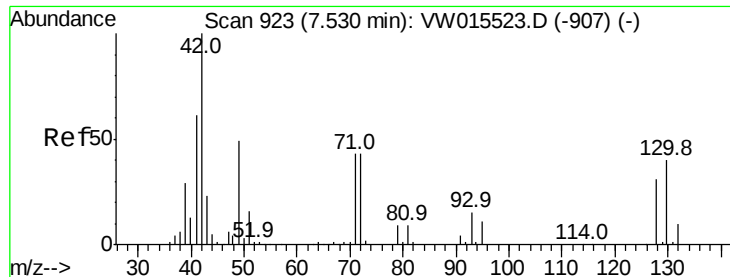


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

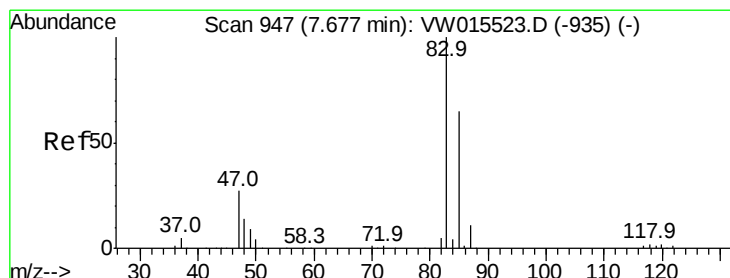
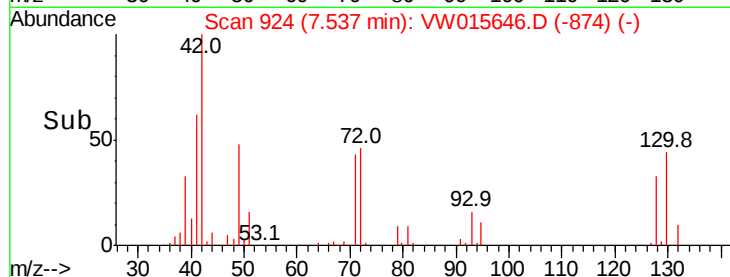
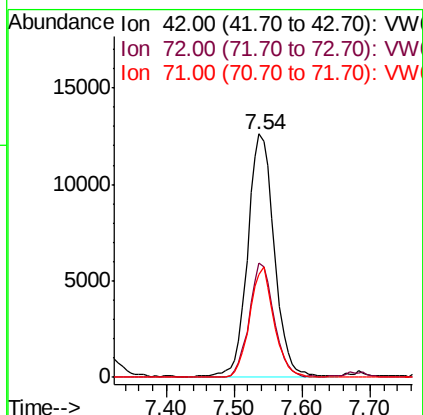
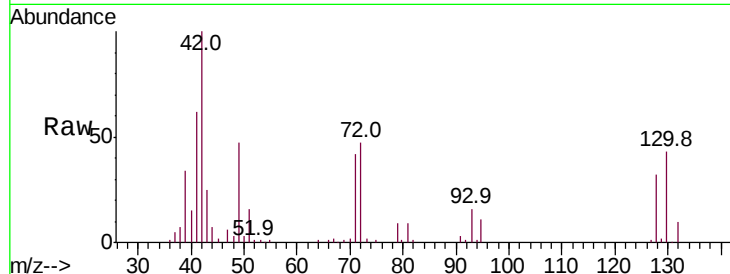




#29
Tetrahydrofuran
Concen: 97.882 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

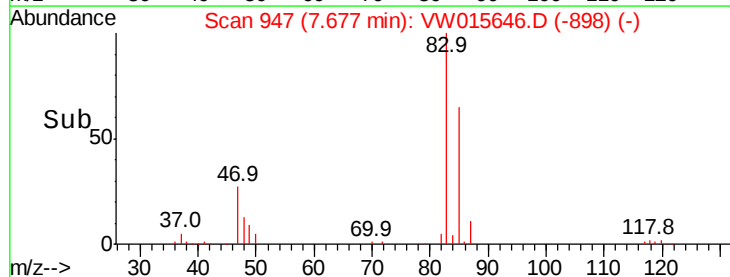
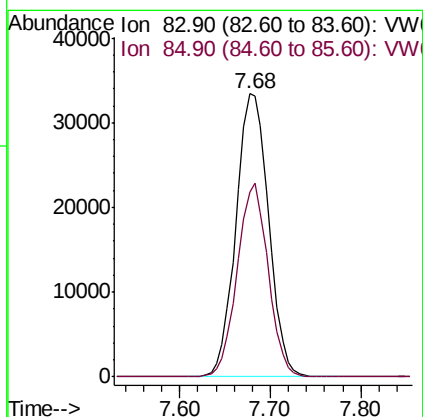
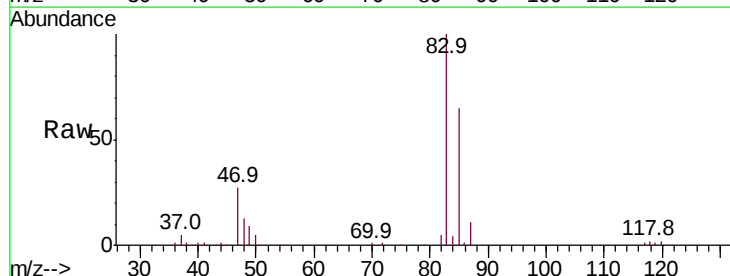
Instrument :
MSVOA_W
ClientSampled :
VW0622SBS01

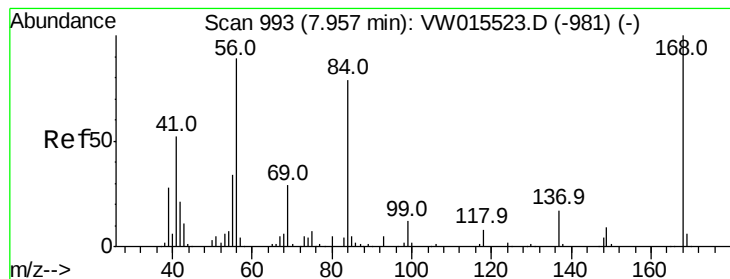
Tot Ion: 42 Resp: 34678
Ion Ratio Lower Upper
42 100
72 43.2 34.8 52.2
71 41.0 33.3 49.9



#30
Chloroform
Concen: 20.141 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 83 Resp: 83403
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4





#31

Cyclohexane

Concen: 19.384 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBSD01

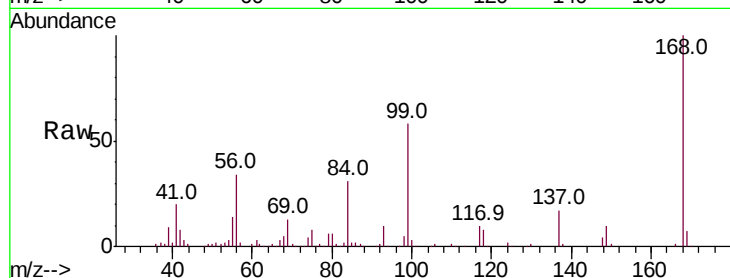
Tot Ion: 56 Resp: 78081

Ion Ratio Lower Upper

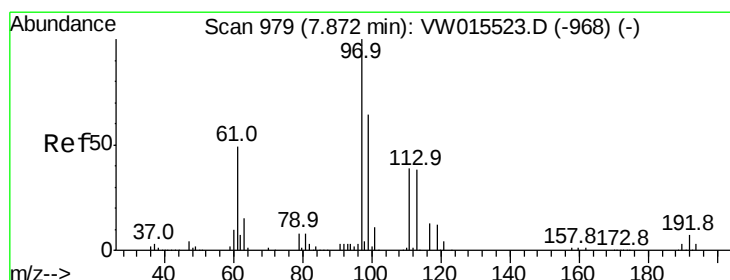
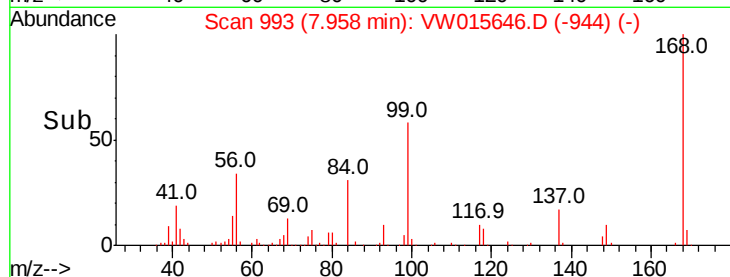
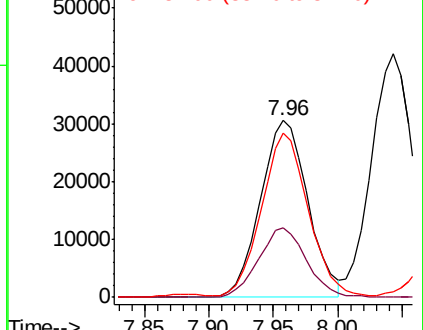
56 100

69 39.0 26.3 39.5

84 91.5 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 20.431 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

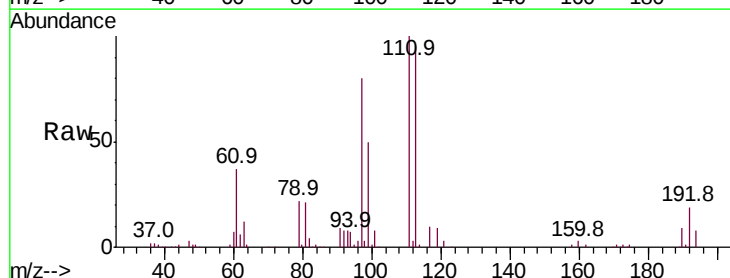
Tgt Ion: 97 Resp: 73072

Ion Ratio Lower Upper

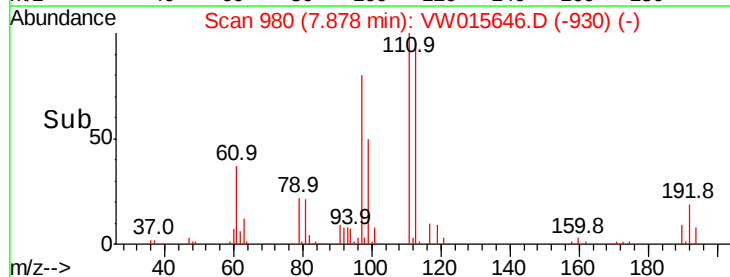
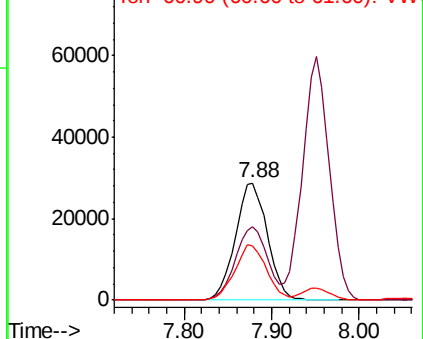
97 100

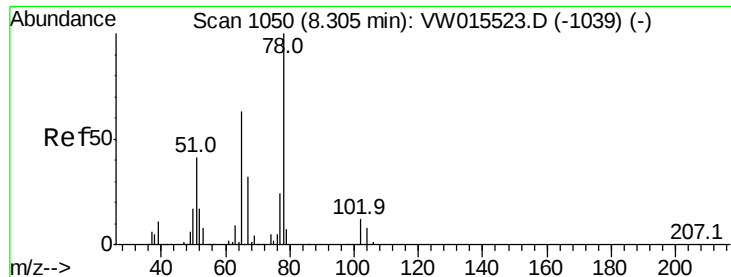
99 62.8 51.4 77.0

61 46.7 37.8 56.8



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

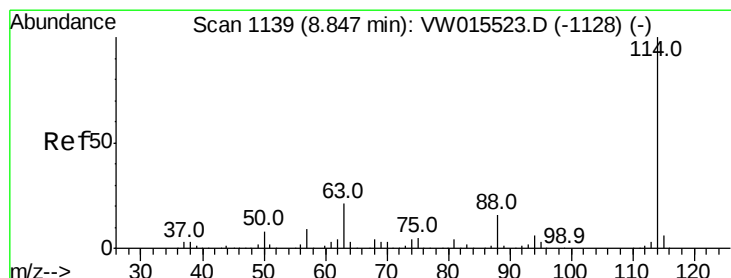
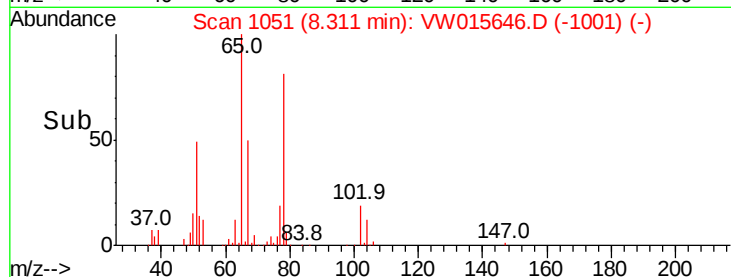
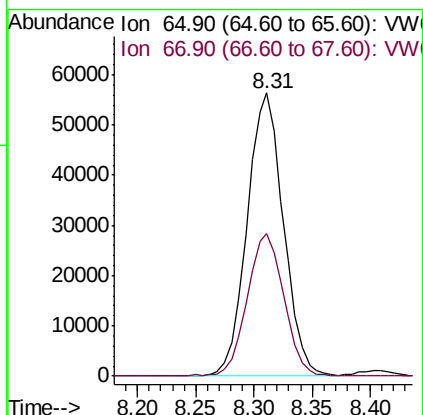
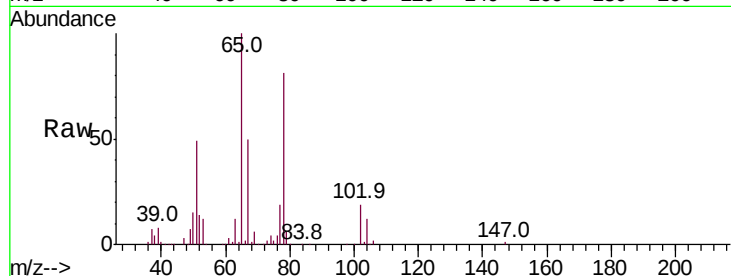




#33
 1,2-Dichloroethane-d4
 Concen: 54.918 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

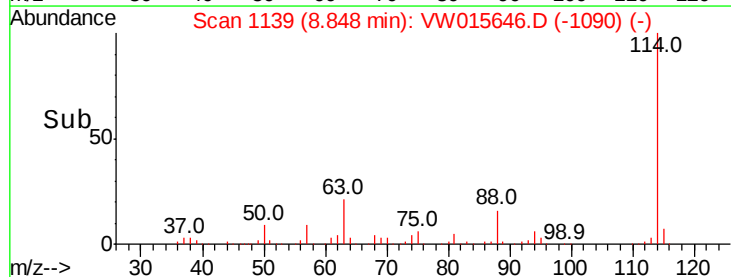
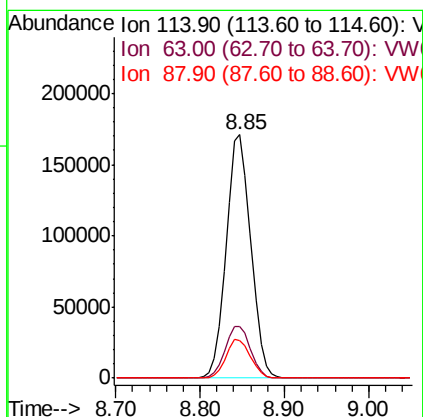
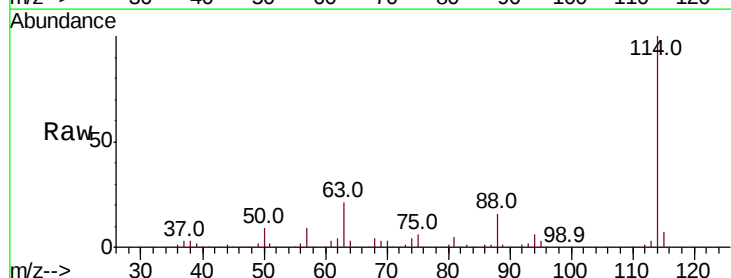
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBSD01

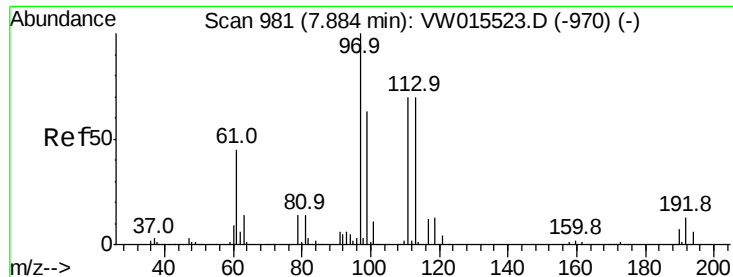
Tot Ion: 65 Resp: 122286
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

Tgt Ion: 114 Resp: 339301
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.0
 88 15.6 0.0 31.8

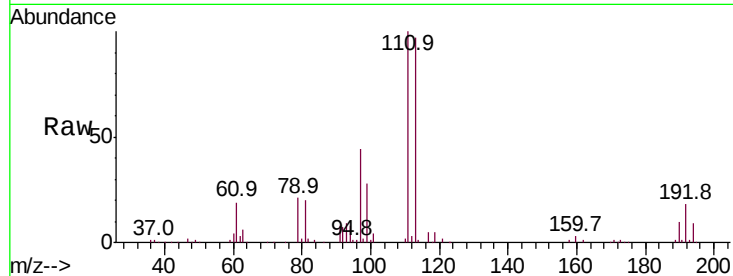




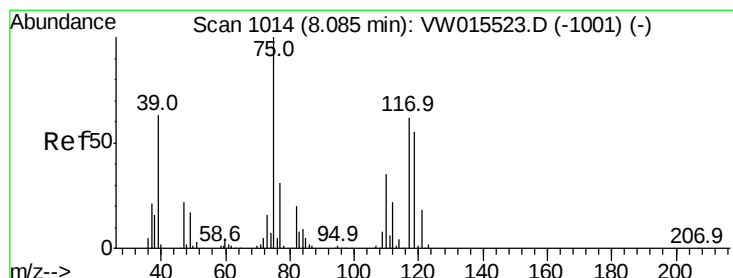
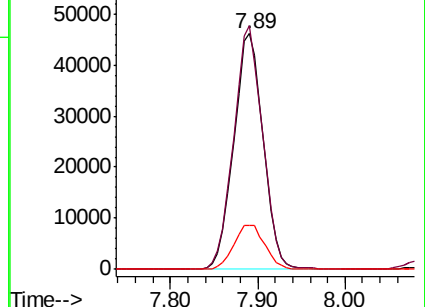
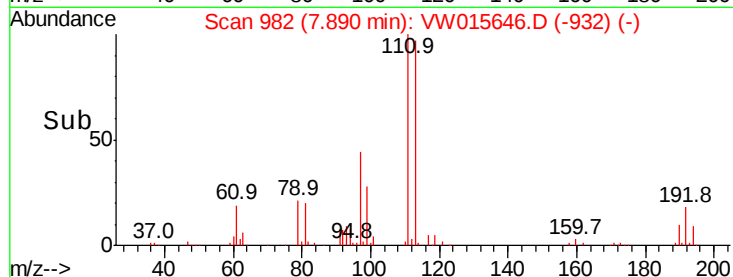
#35
Dibromofluoromethane
Concen: 53.900 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

Tot Ion:113 Resp: 107793
Ion Ratio Lower Upper
113 100
111 102.2 83.3 124.9
192 19.8 15.8 23.6

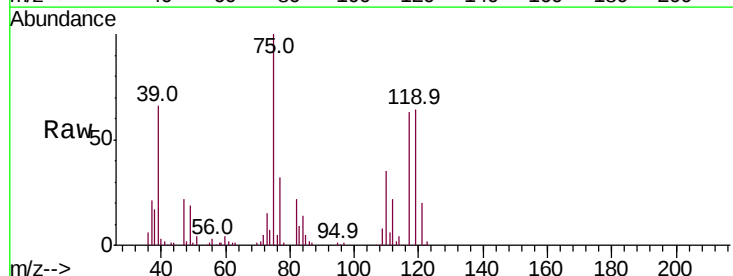


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

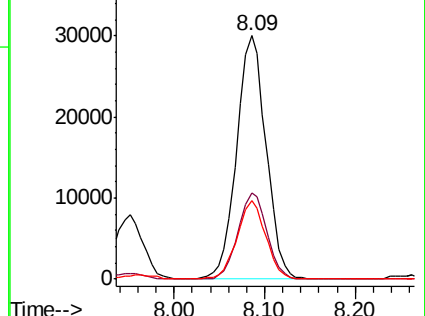
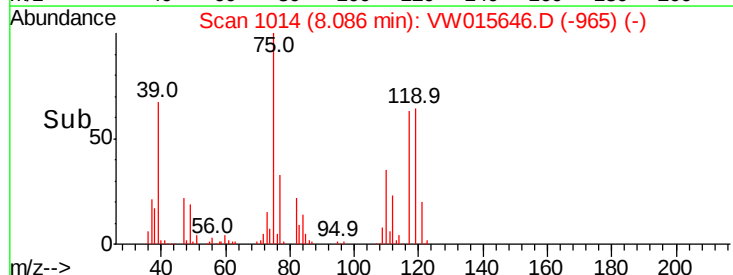


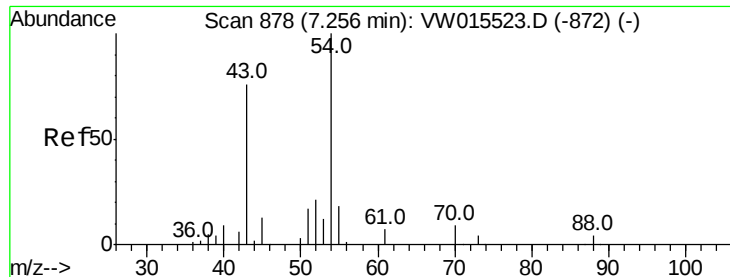
#36
1,1-Dichloropropene
Concen: 19.720 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 75 Resp: 67699
Ion Ratio Lower Upper
75 100
110 34.5 17.2 51.6
77 31.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

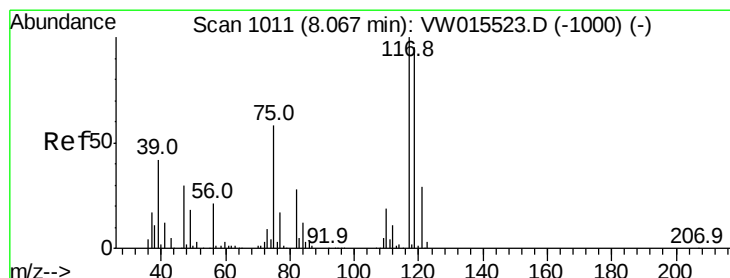
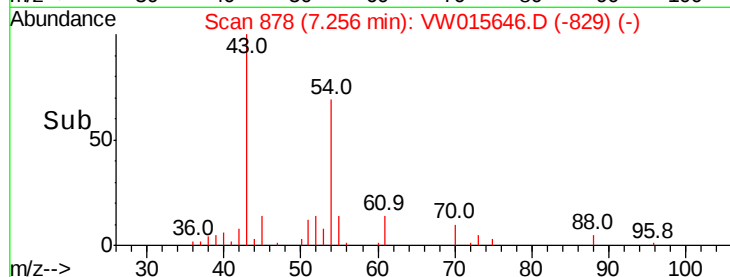
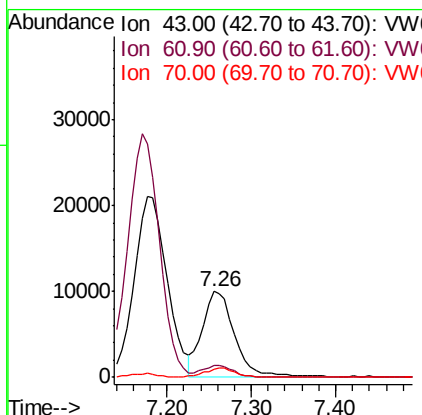
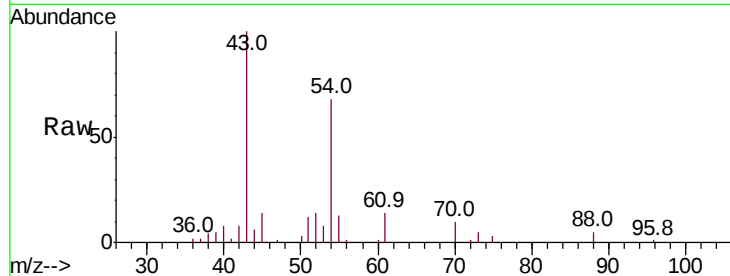




#37
Ethyl Acetate
Concen: 19.797 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

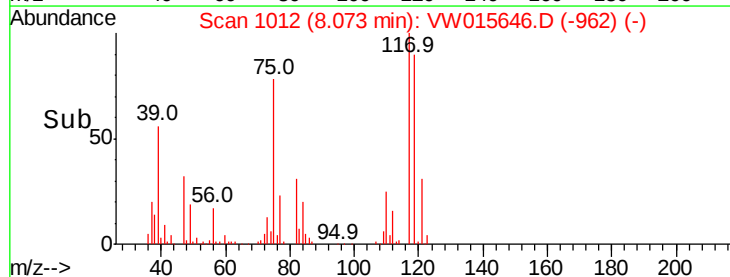
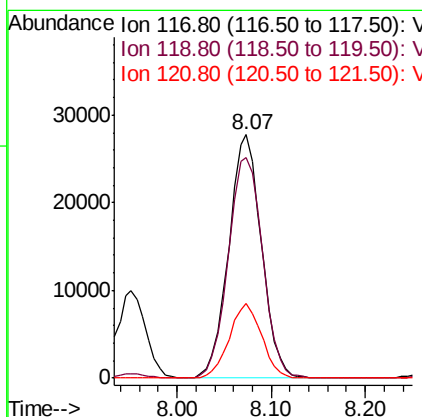
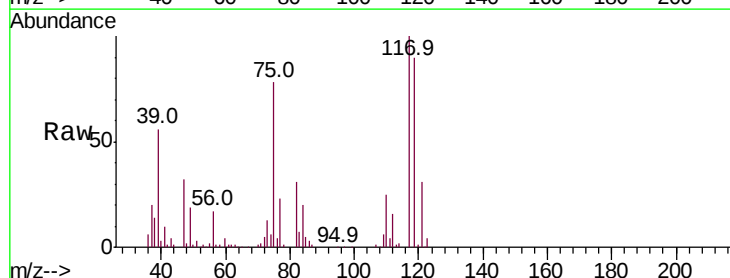
Instrument :
MSVOA_W
ClientSampled :
VW0622SBS01

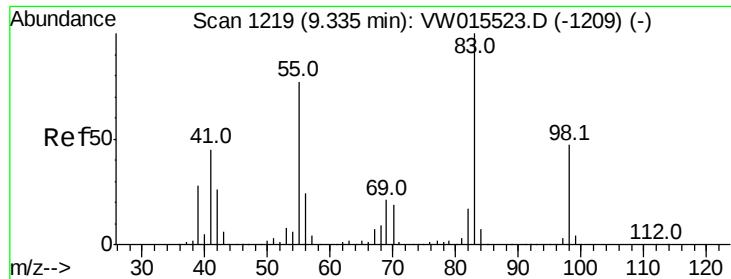
Tot Ion: 43 Resp: 26377
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.928 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 117 Resp: 66983
Ion Ratio Lower Upper
117 100
119 90.4 75.9 113.9
121 30.6 23.5 35.3

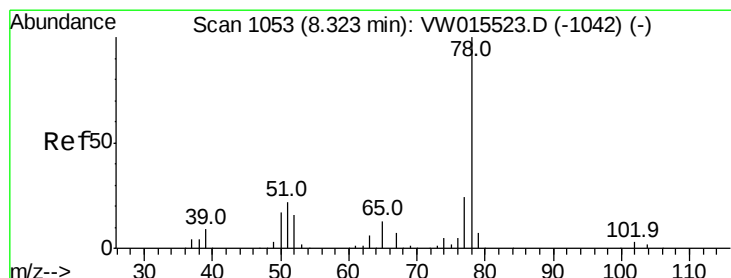
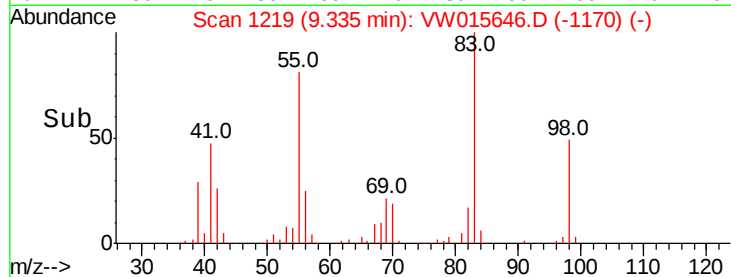
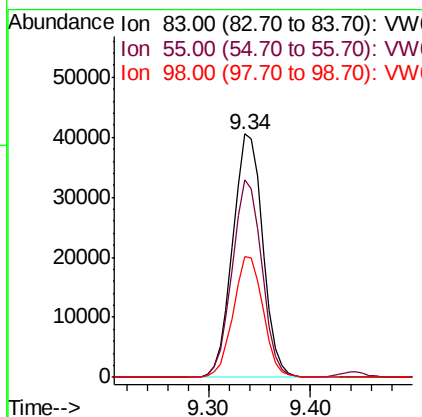
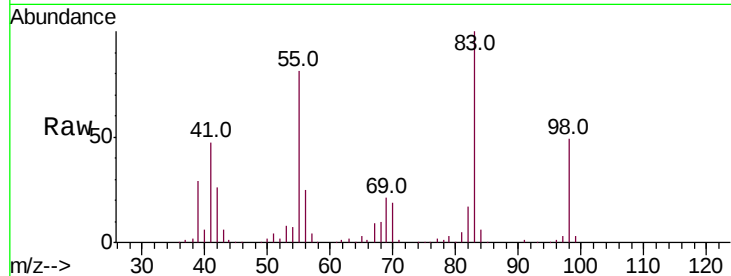




#39
Methvlcvclohexane
Concen: 19.499 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

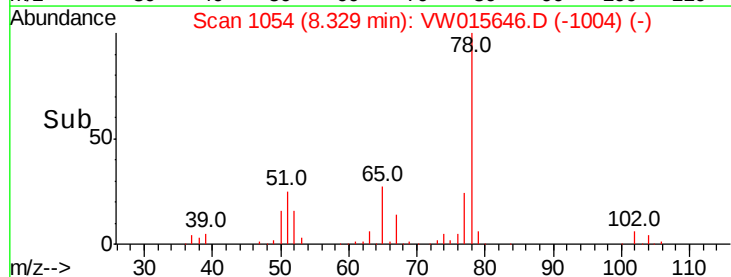
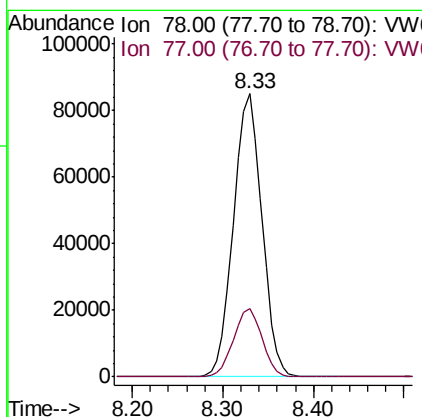
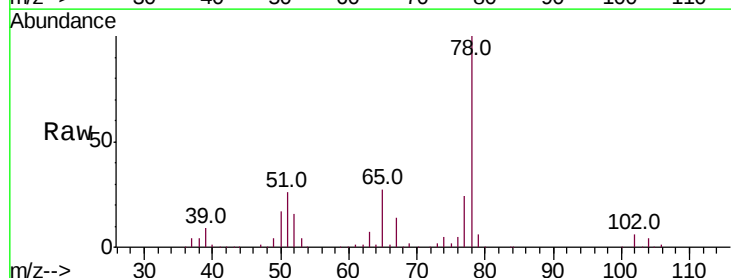
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

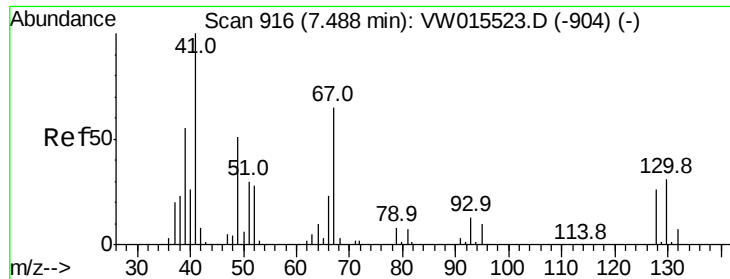
Tot Ion: 83 Resp: 82552
Ion Ratio Lower Upper
83 100
55 81.0 61.7 92.5
98 49.3 37.7 56.5



#40
Benzene
Concen: 20.036 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 78 Resp: 185619
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

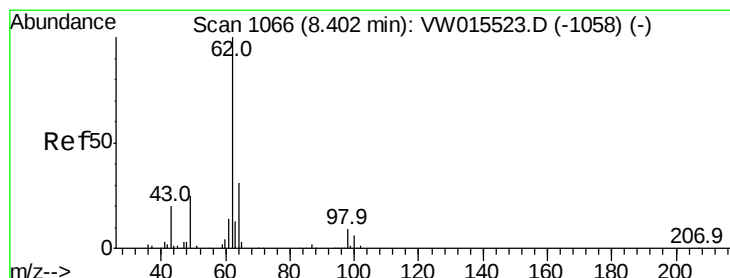
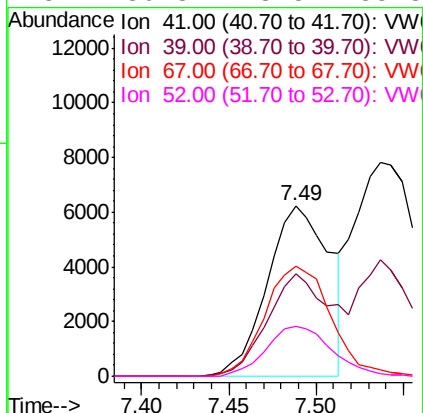
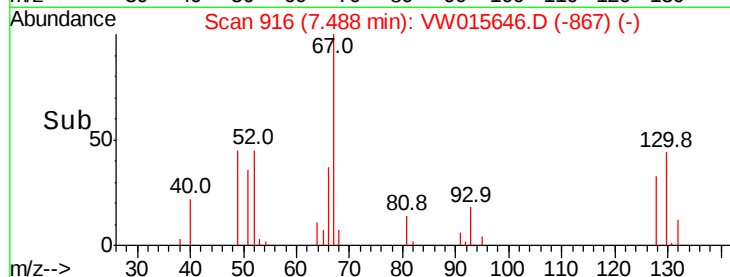
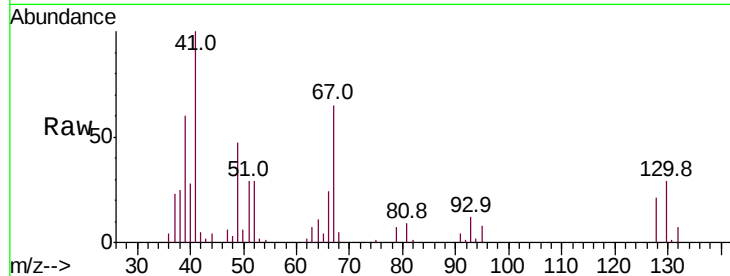




#41
Methacrylonitrile
Concen: 20.303 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

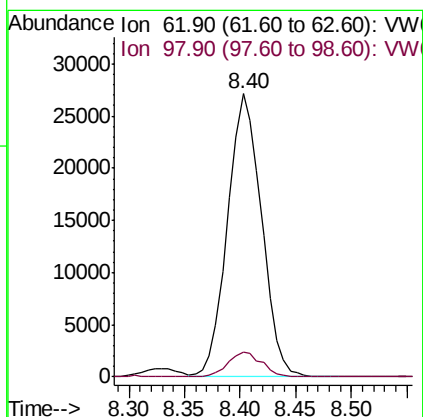
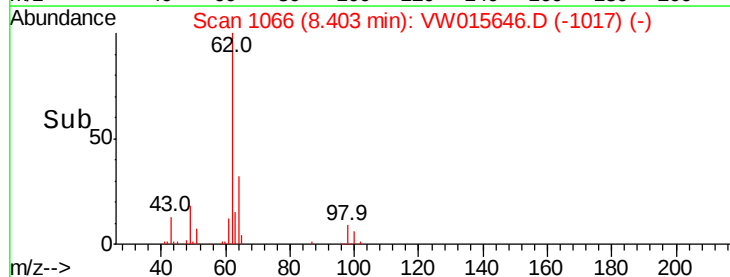
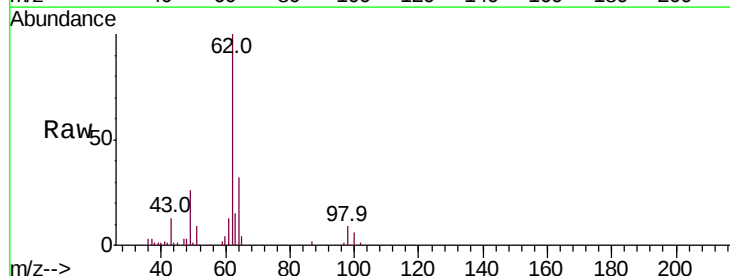
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

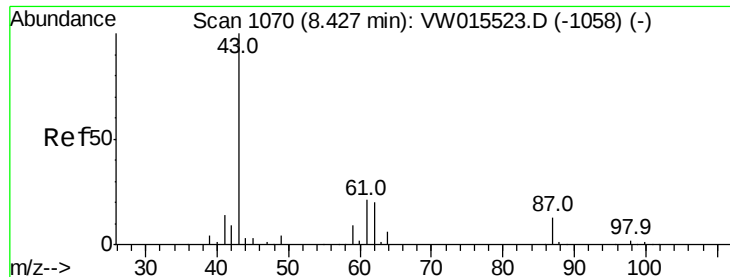
Tot Ion:	41	Resp:	15538
Ion	Ratio	Lower	Upper
41	100		
39	63.8	44.5	66.7
67	68.5	53.1	79.7
52	30.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 20.386 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion:	62	Resp:	57641
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.800 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBSD01

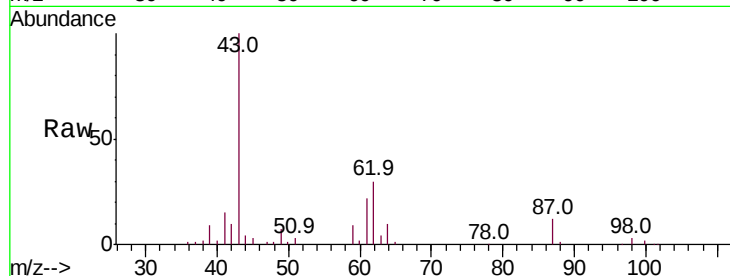
Tot Ion: 43 Resp: 52409

Ion Ratio Lower Upper

43 100

61 31.2 23.8 35.8

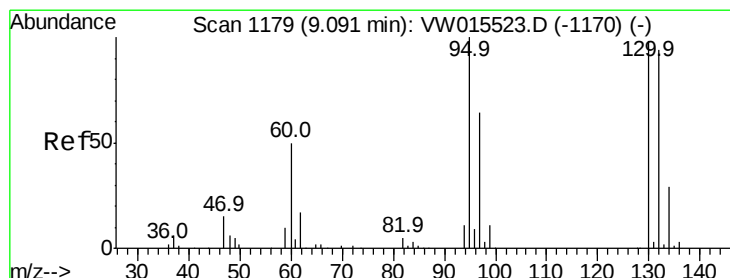
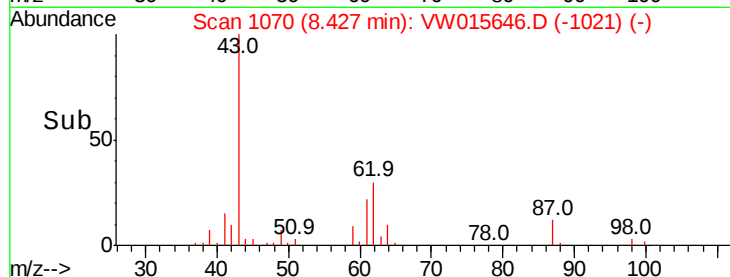
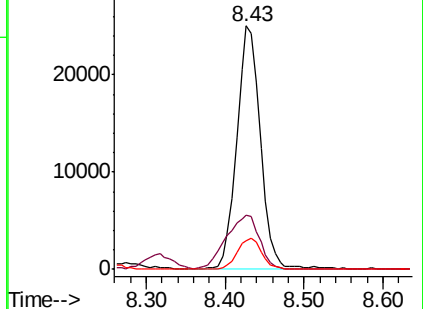
87 12.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.836 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015646.D

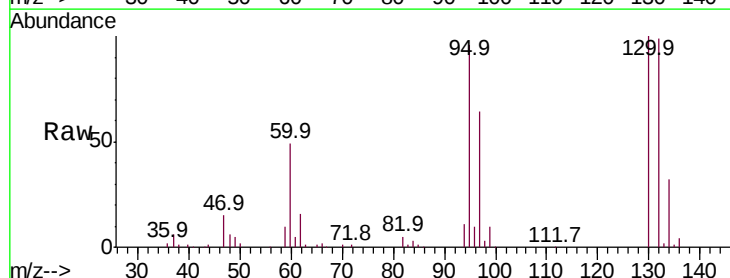
Acq: 22 Jun 2020 13:47

Tgt Ion:130 Resp: 49035

Ion Ratio Lower Upper

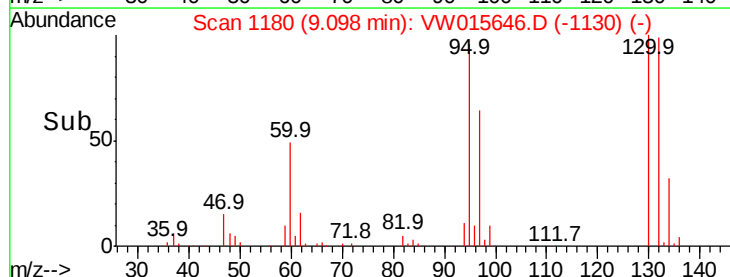
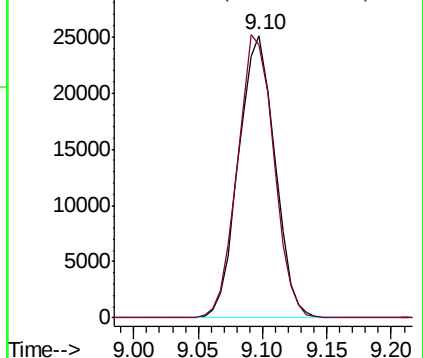
130 100

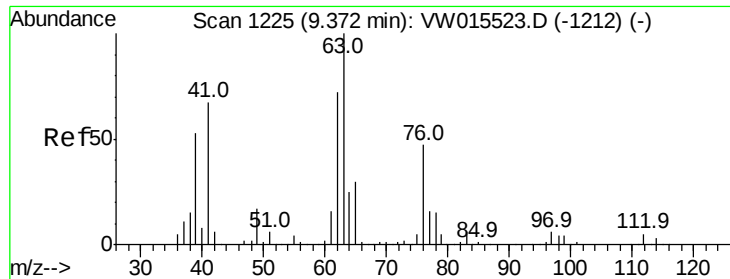
95 96.4 0.0 204.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

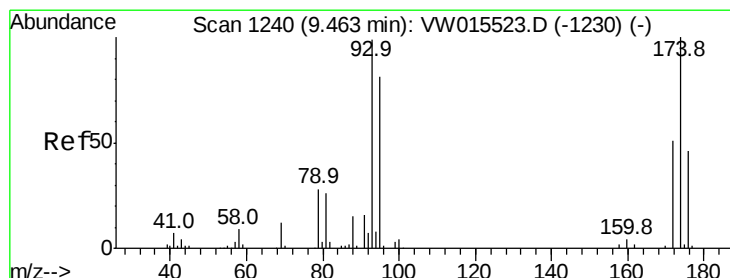
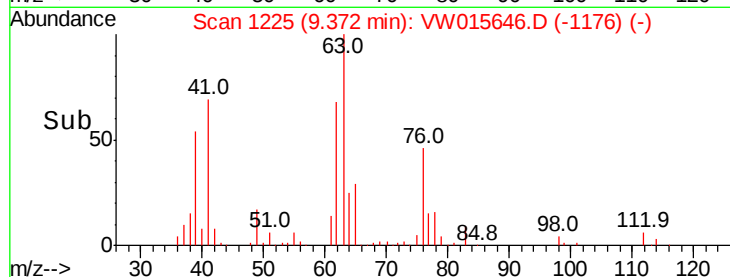
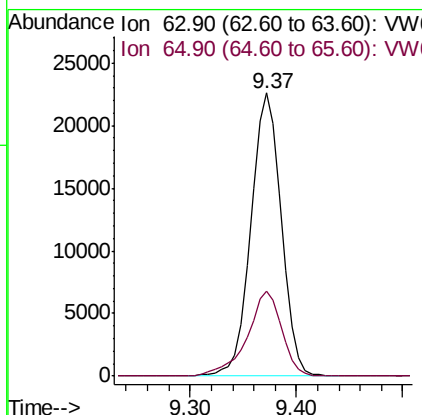
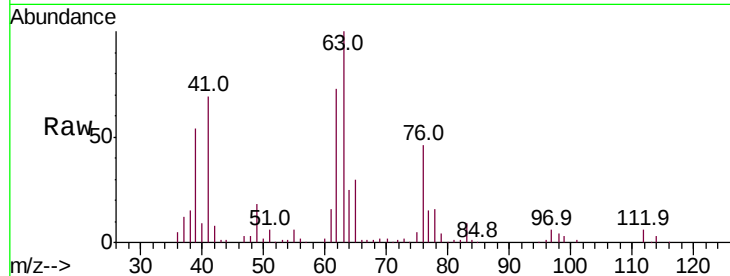




#45
 1,2-Dichloropropane
 Concen: 20.027 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

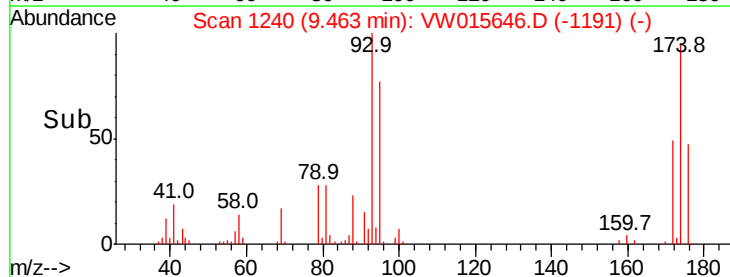
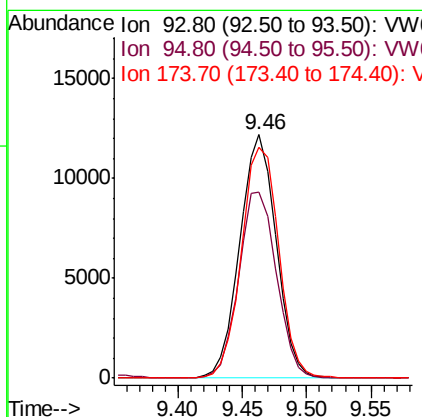
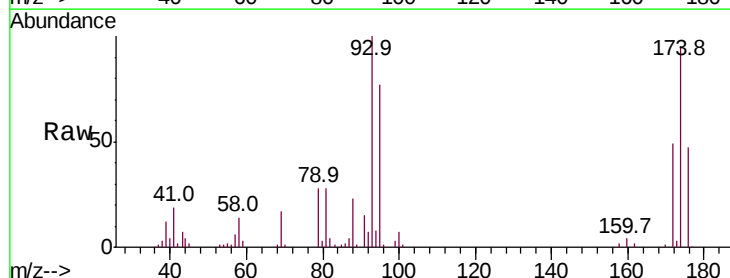
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBSD01

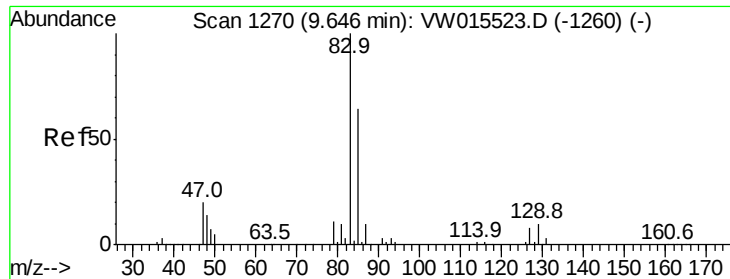
Tot Ion: 63 Resp: 45258
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.0 36.0



#46
 Dibromomethane
 Concen: 20.648 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

Tgt Ion: 93 Resp: 23821
 Ion Ratio Lower Upper
 93 100
 95 79.5 65.1 97.7
 174 97.5 78.6 118.0





#47

Bromodichloromethane

Concen: 19.148 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBSD01

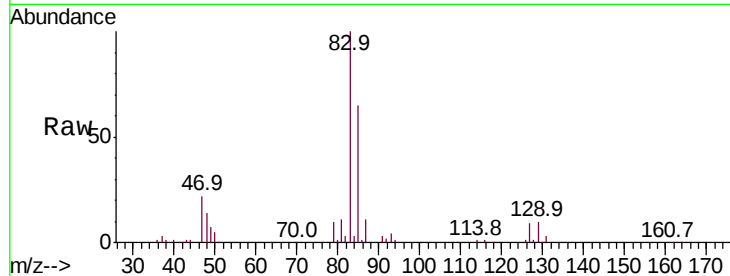
Tot Ion: 83 Resp: 59777

Ion Ratio Lower Upper

83 100

85 65.3 51.1 76.7

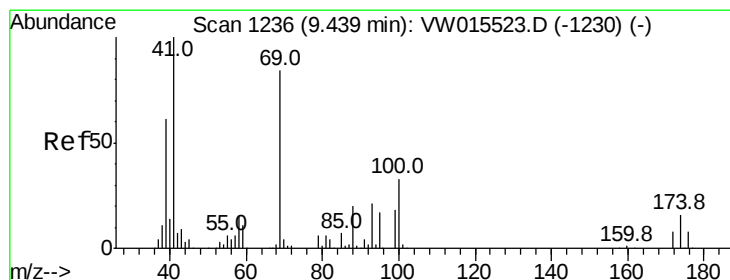
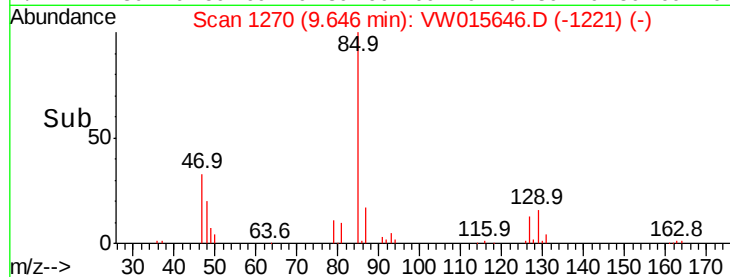
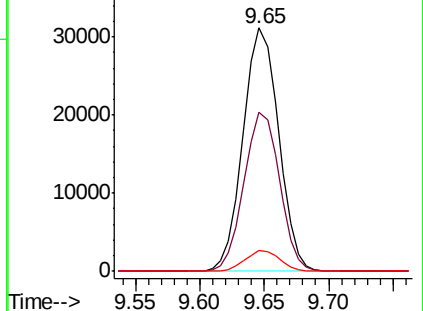
127 8.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.747 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

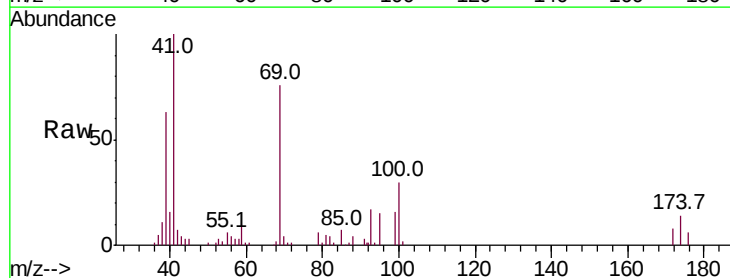
Tgt Ion: 41 Resp: 23892

Ion Ratio Lower Upper

41 100

69 84.1 67.8 101.8

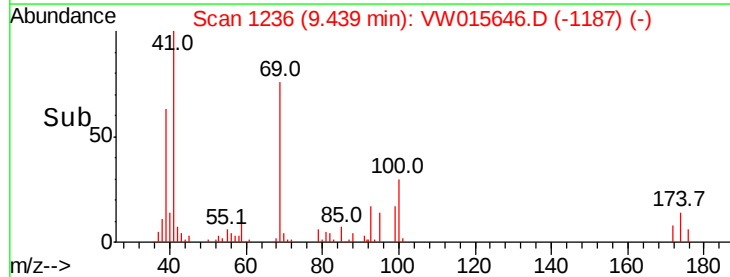
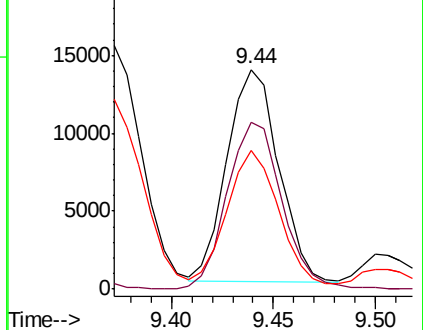
39 61.9 50.2 75.2

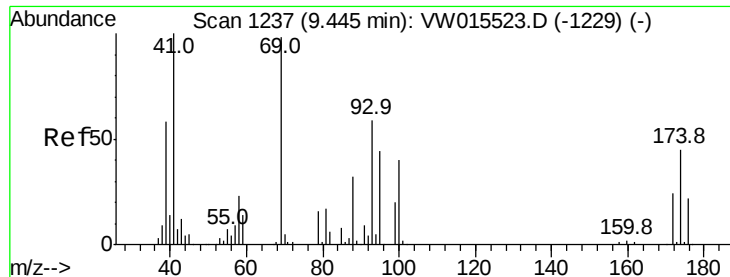


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 356.372 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBSD01

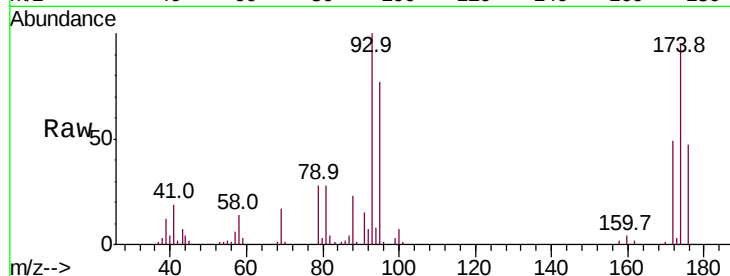
Tot Ion: 88 Resp: 6249

Ion Ratio Lower Upper

88 100

43 0.0 27.9 41.9#

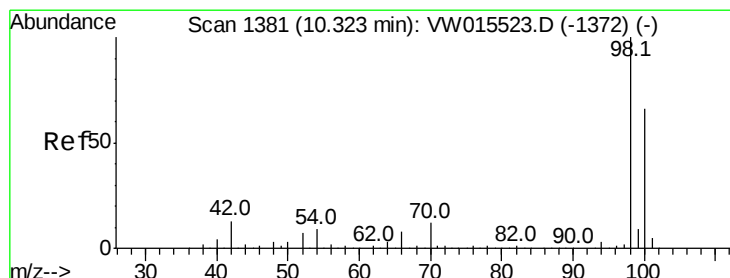
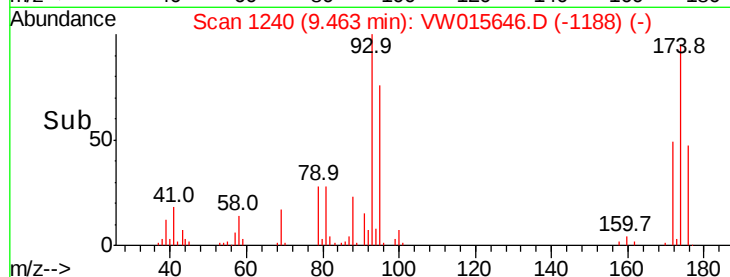
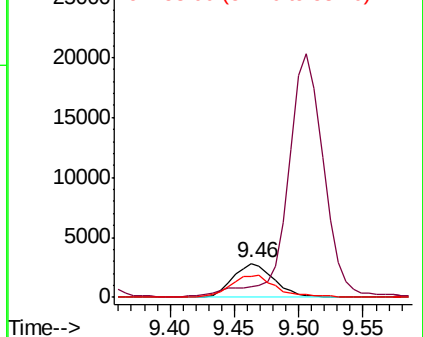
58 72.3 58.8 88.2



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.395 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015646.D

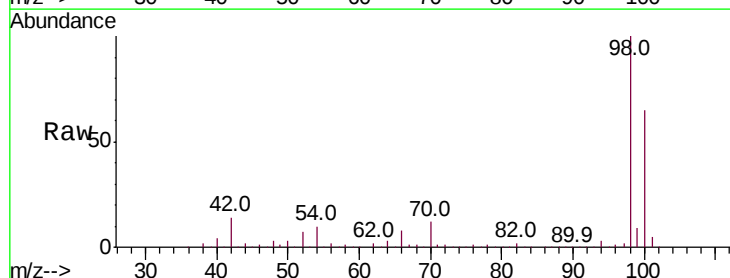
Acq: 22 Jun 2020 13:47

Tgt Ion: 98 Resp: 439886

Ion Ratio Lower Upper

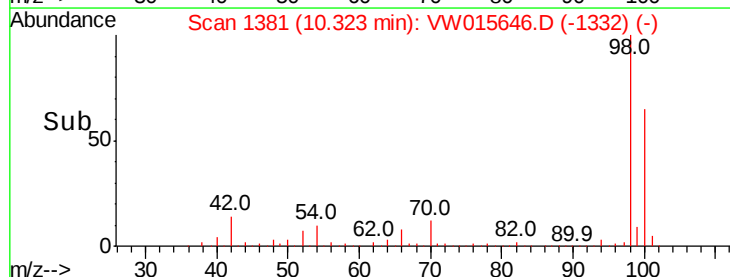
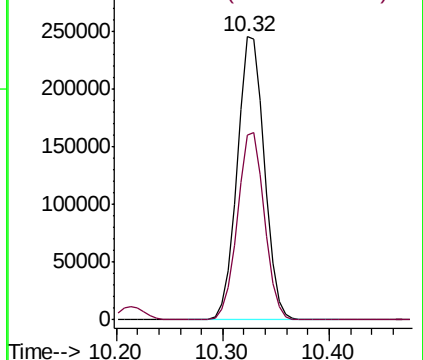
98 100

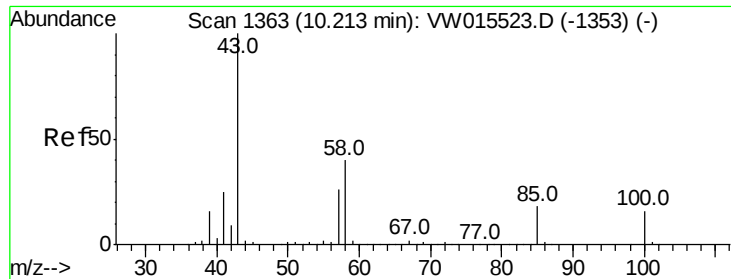
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 99.489 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

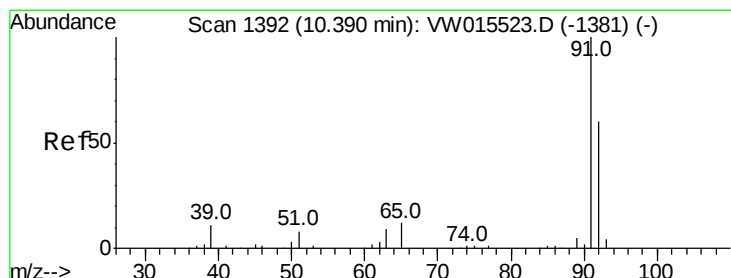
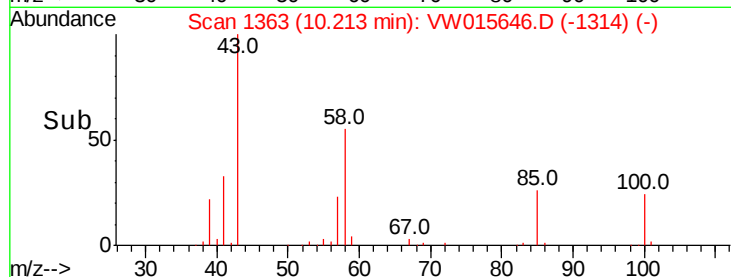
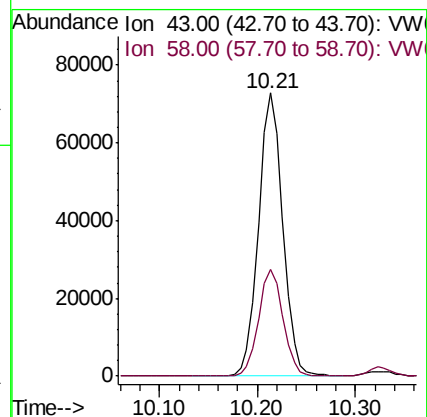
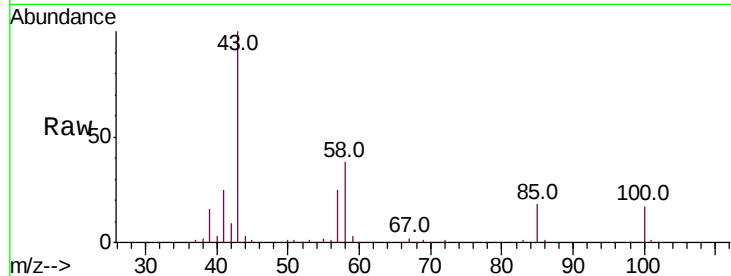
VW0622SBSD01

Tot Ion: 43 Resp: 125114

Ion Ratio Lower Upper

43 100

58 38.2 31.4 47.0



#52

Toluene

Concen: 20.512 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015646.D

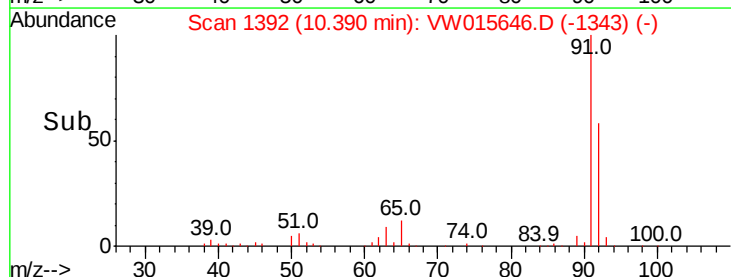
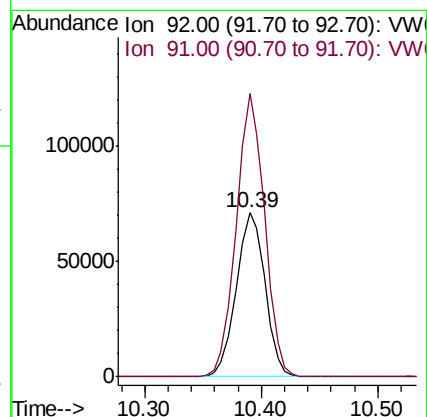
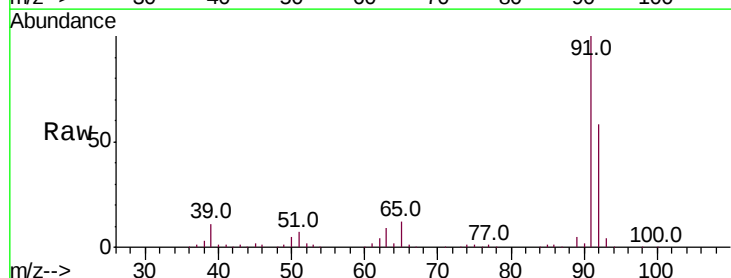
Acq: 22 Jun 2020 13:47

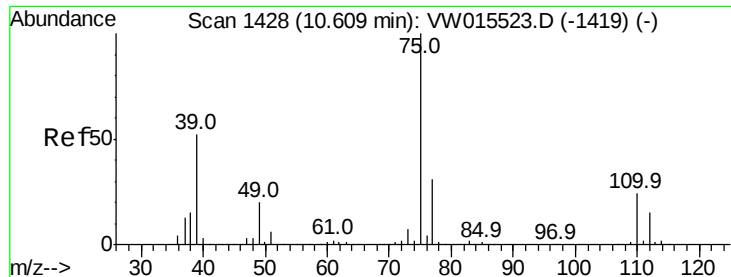
Tgt Ion: 92 Resp: 122575

Ion Ratio Lower Upper

92 100

91 170.2 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 18.872 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

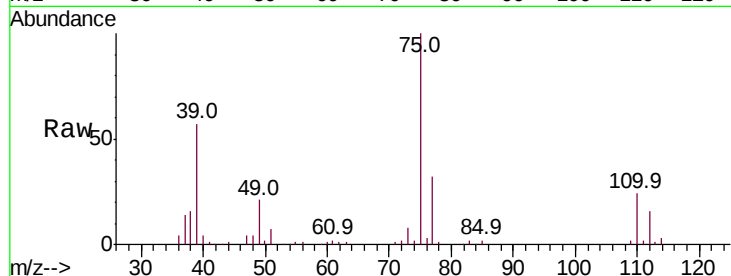
VW0622SBSD01

Tot Ion: 75 Resp: 58074

Ion Ratio Lower Upper

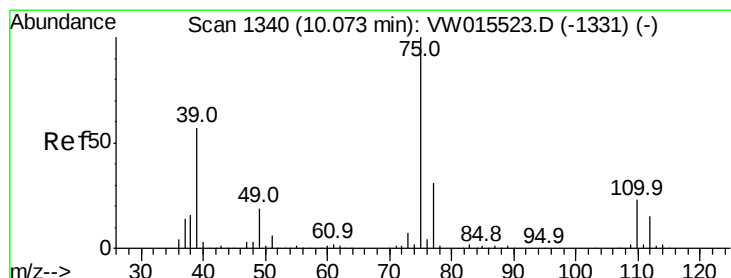
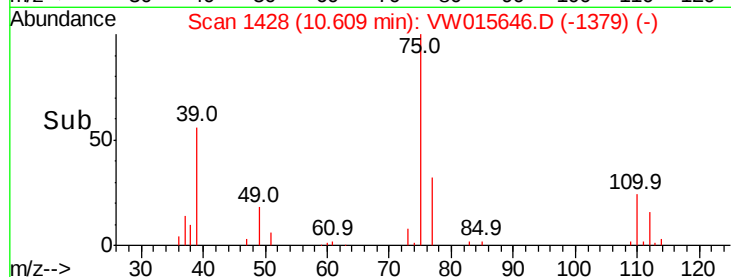
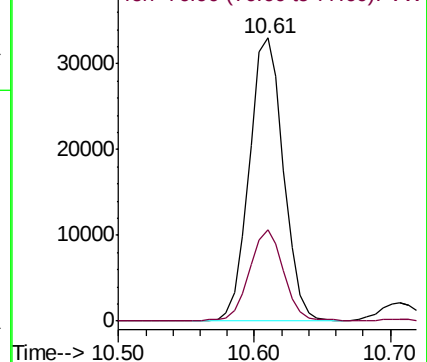
75 100

77 32.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 18.985 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

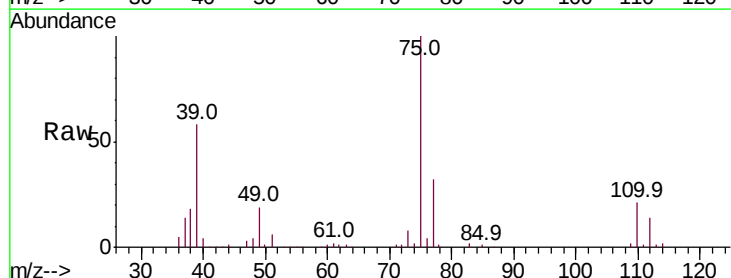
Tgt Ion: 75 Resp: 68840

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

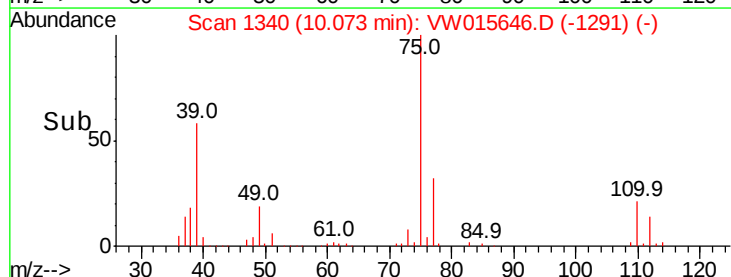
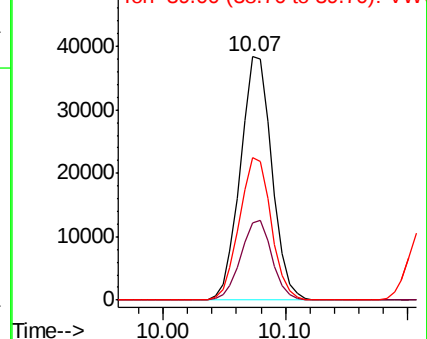
39 58.4 45.4 68.2

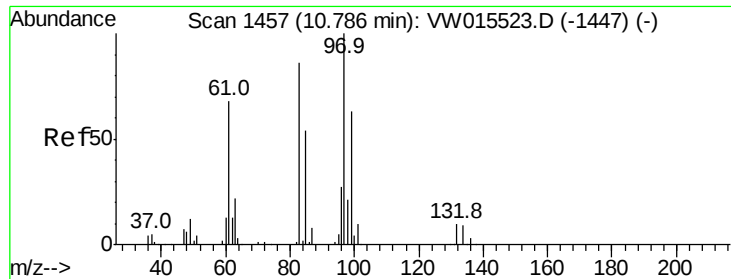


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 20.804 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBSD01

Tot Ion: 97 Resp: 33503

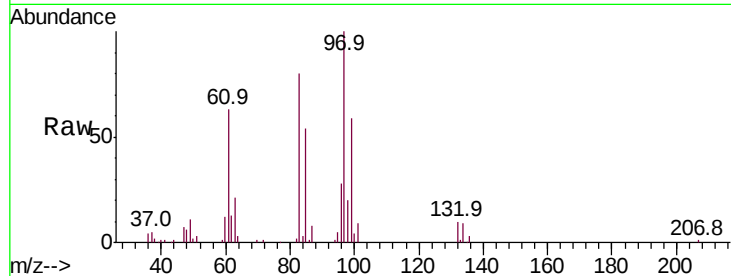
Ion Ratio Lower Upper

97 100

83 80.2 68.6 102.8

85 53.9 43.2 64.8

99 59.3 50.5 75.7



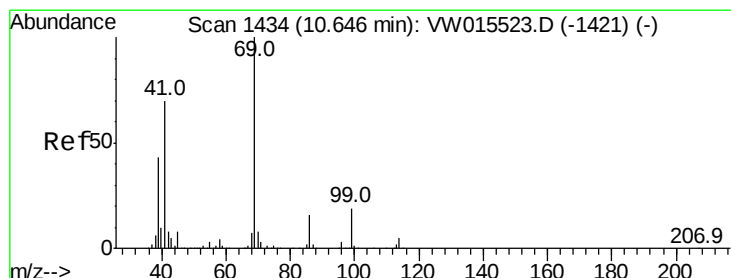
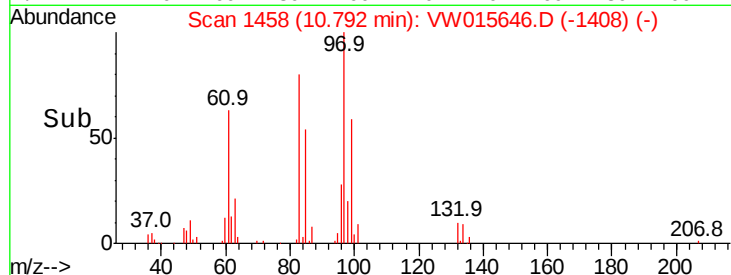
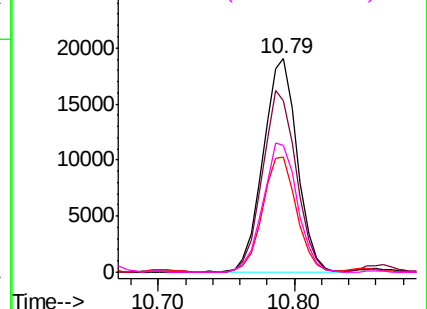
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 19.391 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

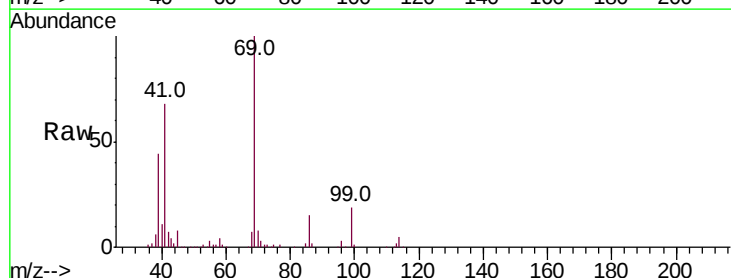
Tgt Ion: 69 Resp: 40618

Ion Ratio Lower Upper

69 100

41 71.6 56.2 84.4

39 43.8 33.3 49.9

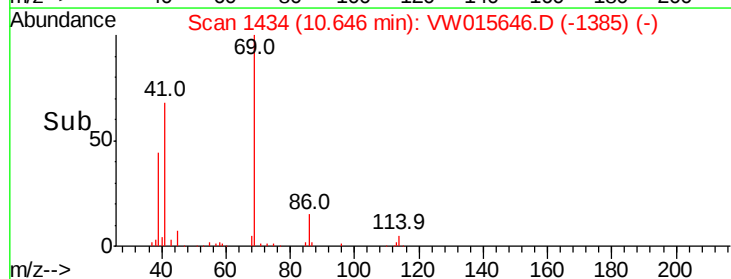
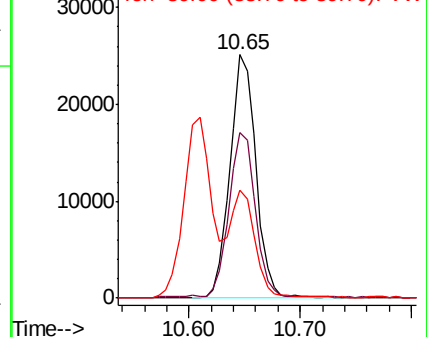


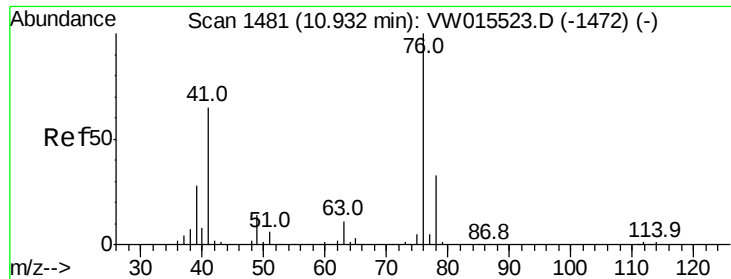
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 20.472 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

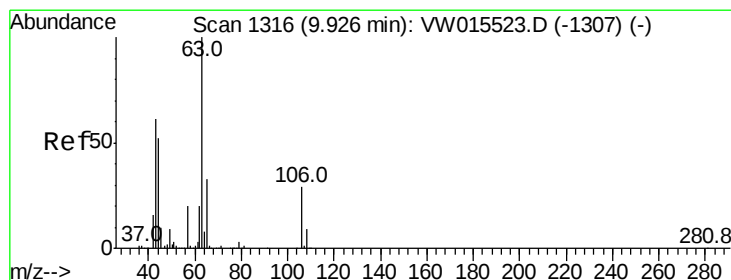
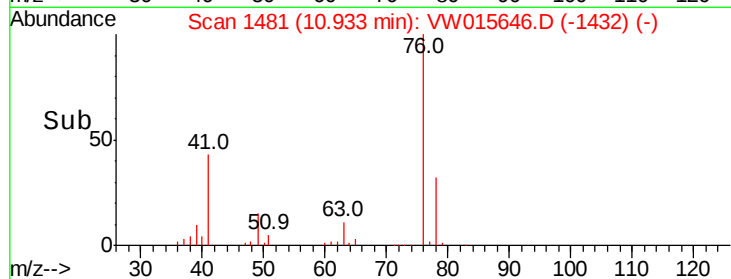
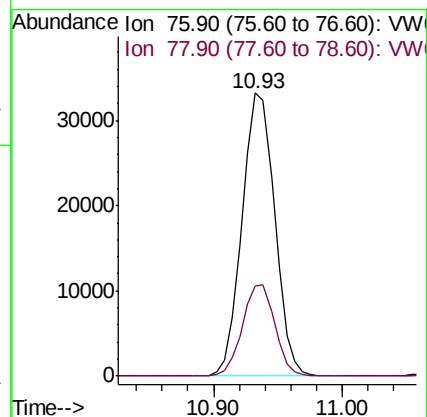
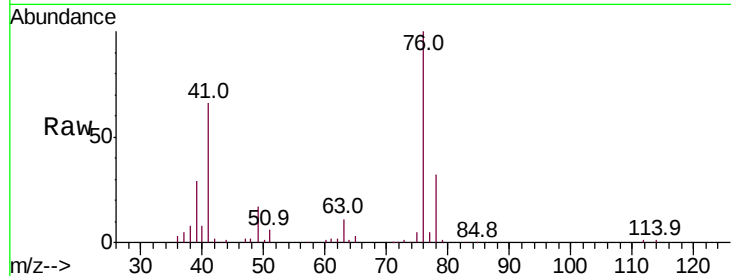
VW0622SBSD01

Tot Ion: 76 Resp: 58379

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.337 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW015646.D

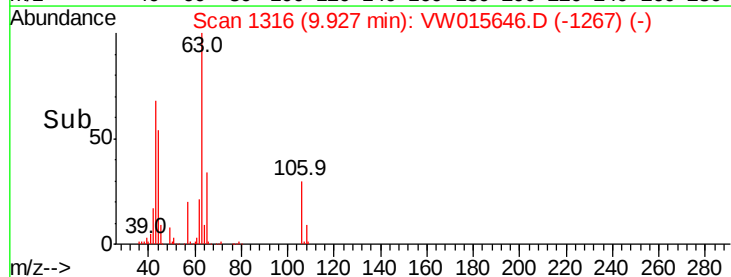
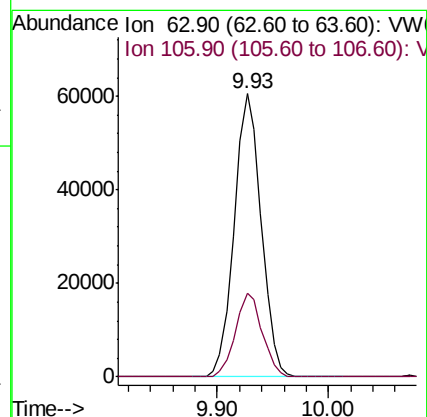
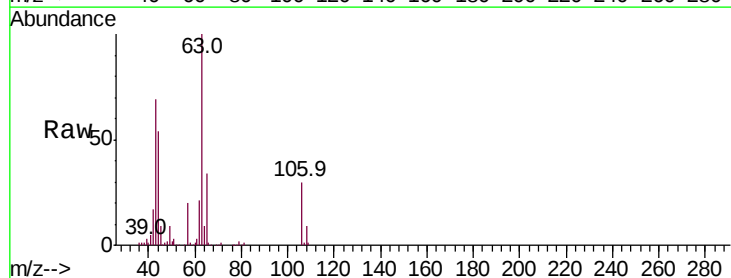
Acq: 22 Jun 2020 13:47

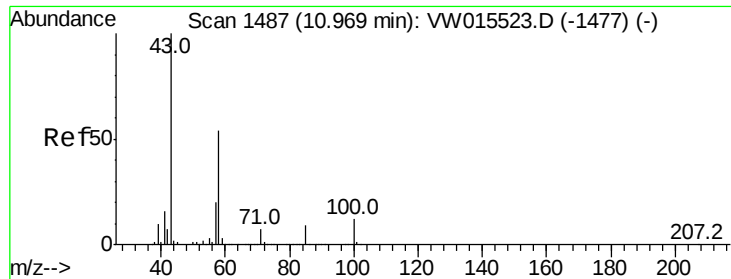
Tgt Ion: 63 Resp: 101493

Ion Ratio Lower Upper

63 100

106 29.4 22.9 34.3

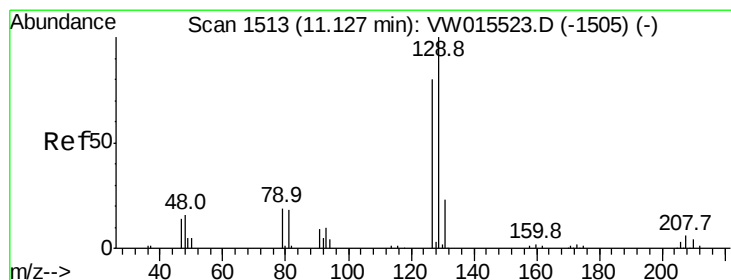
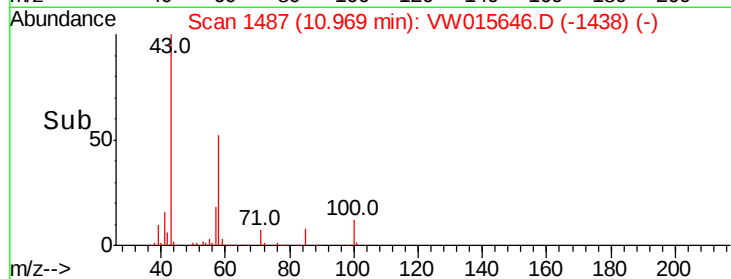
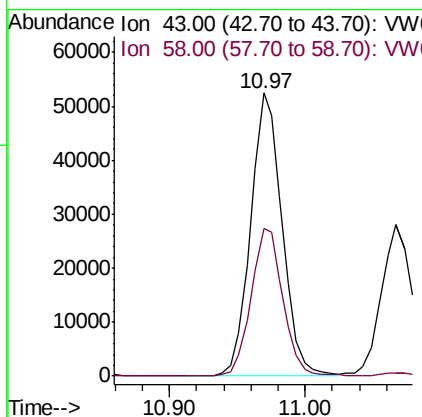
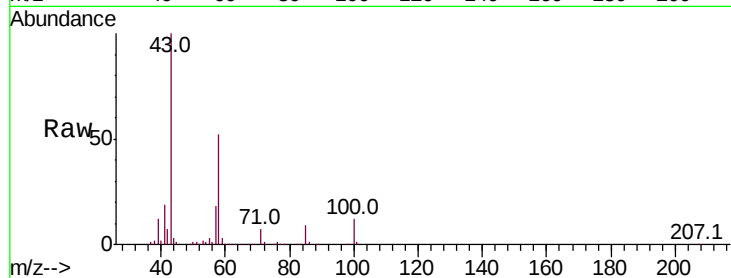




#59
2-Hexanone
Concen: 97.897 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

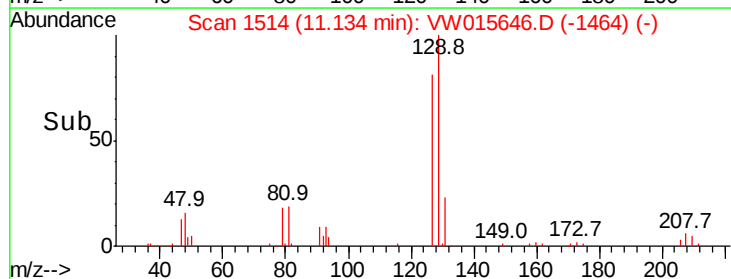
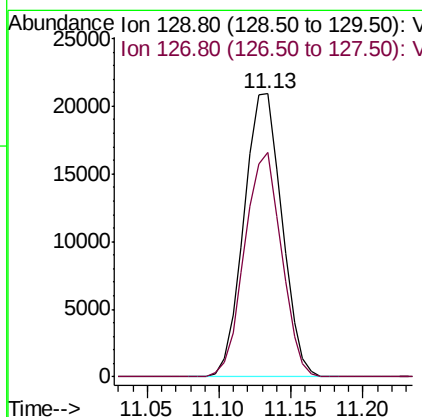
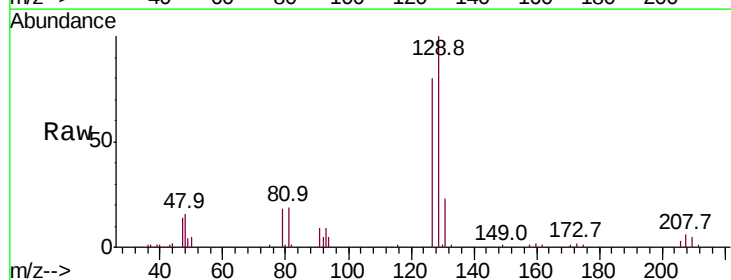
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

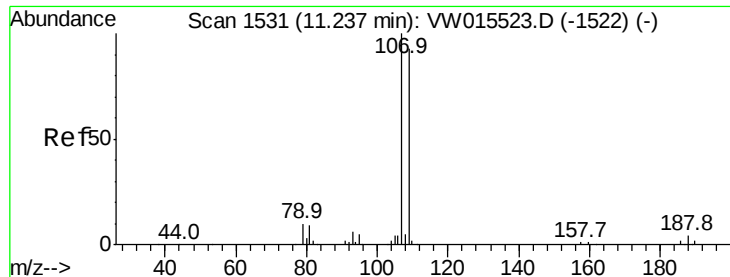
Tot Ion: 43 Resp: 85156
Ion Ratio Lower Upper
43 100
58 52.8 26.8 80.3



#60
Dibromochloromethane
Concen: 19.435 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 129 Resp: 38190
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.119 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

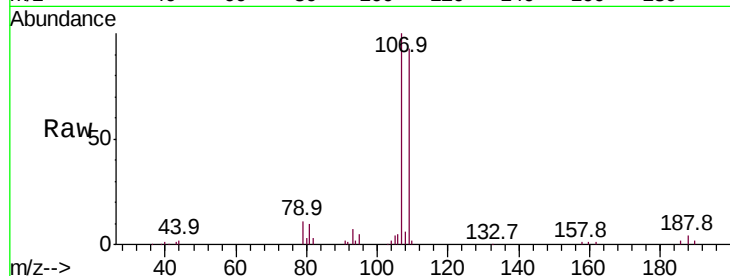
VW0622SBSD01

Tot Ion:107 Resp: 31007

Ion Ratio Lower Upper

107 100

109 94.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

15000

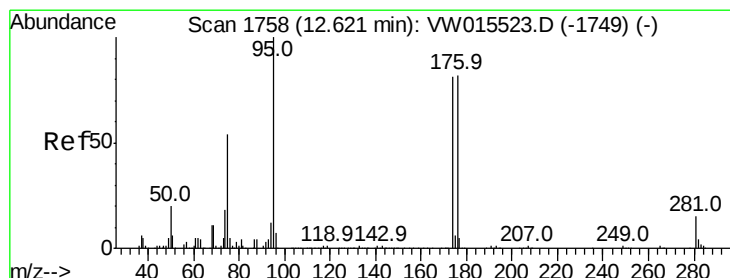
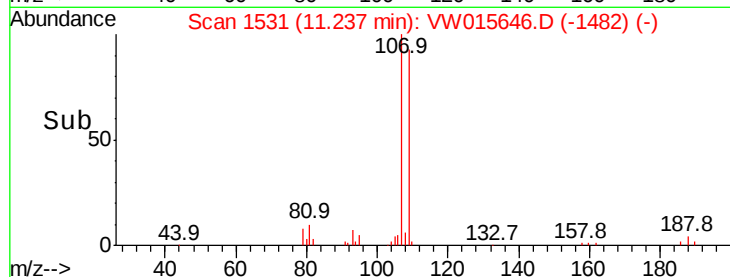
10000

5000

0

Time-->

11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 54.118 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

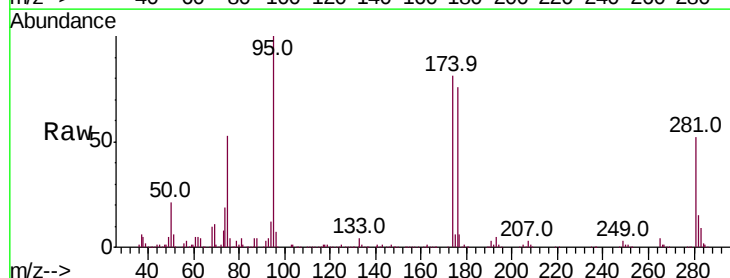
Tgt Ion: 95 Resp: 159003

Ion Ratio Lower Upper

95 100

174 79.4 0.0 153.6

176 75.2 0.0 152.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

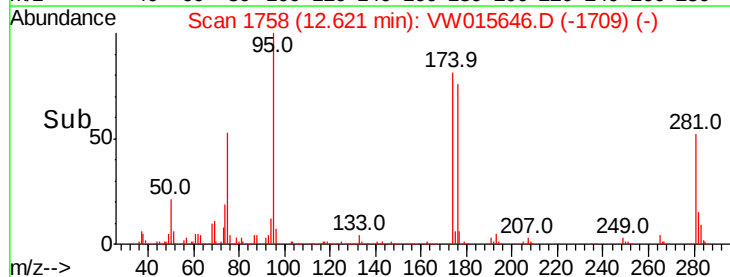
100000

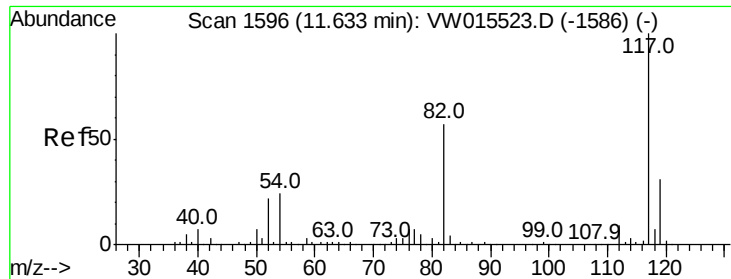
50000

0

Time-->

12.60 12.70

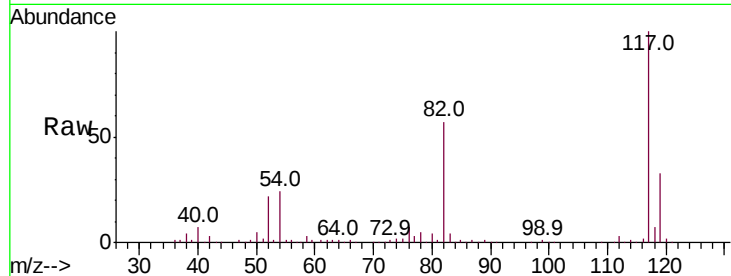




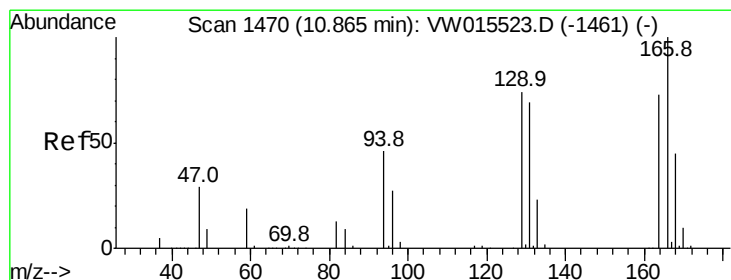
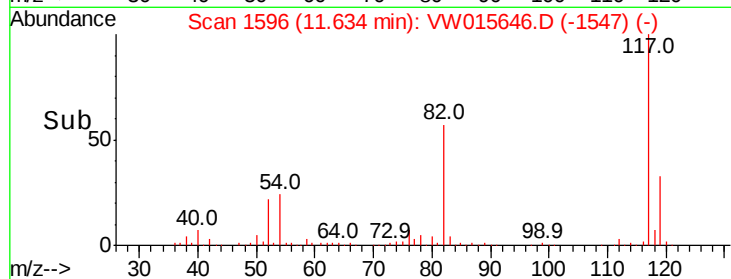
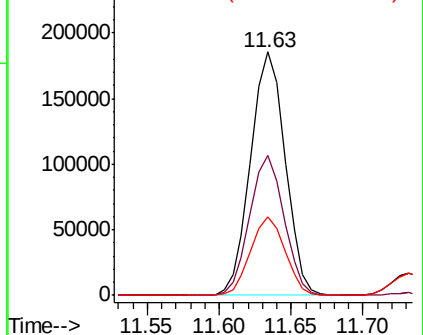
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion:117 Resp: 308423
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.8
119 32.5 24.7 37.1

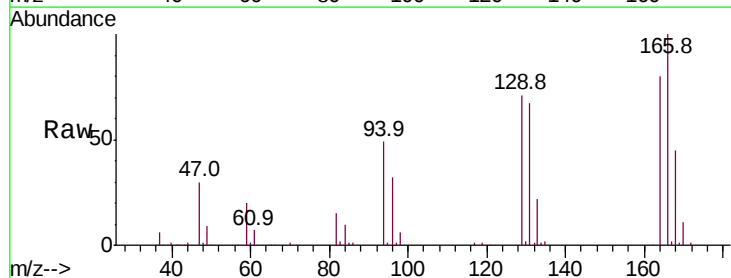


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

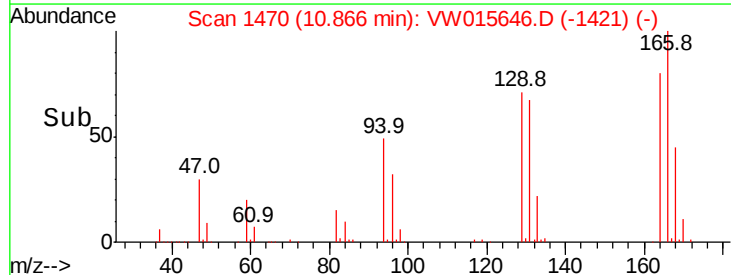
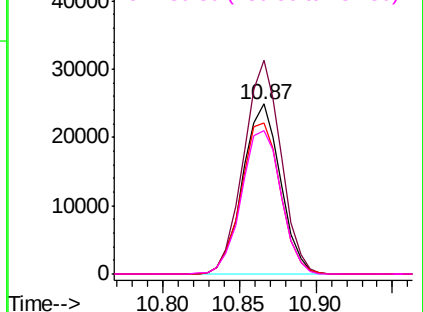


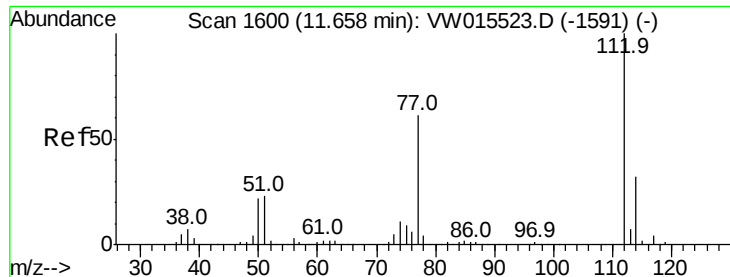
#64
Tetrachloroethene
Concen: 20.684 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion:164 Resp: 42746
Ion Ratio Lower Upper
164 100
166 125.8 109.0 163.6
129 89.1 81.0 121.4
131 84.4 74.8 112.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

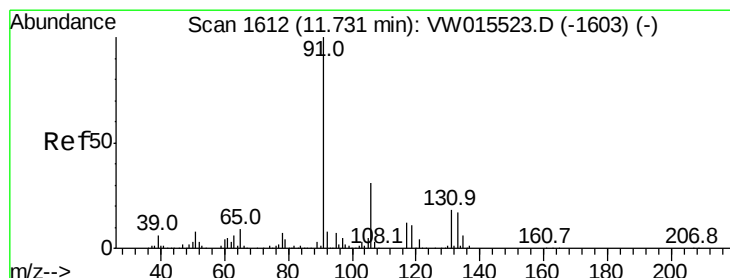
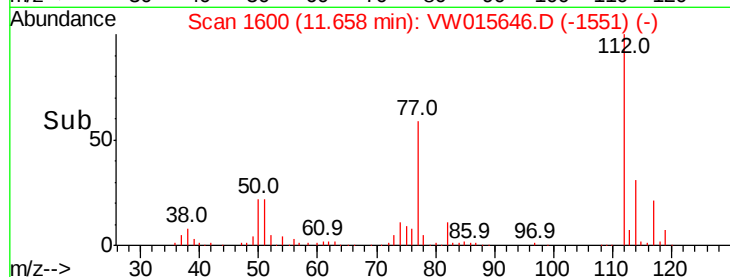
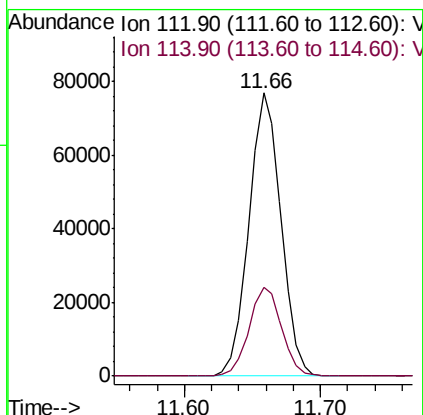
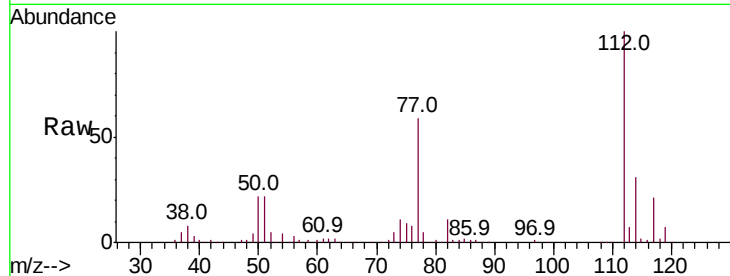




#65
Chlorobenzene
Concen: 20.230 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

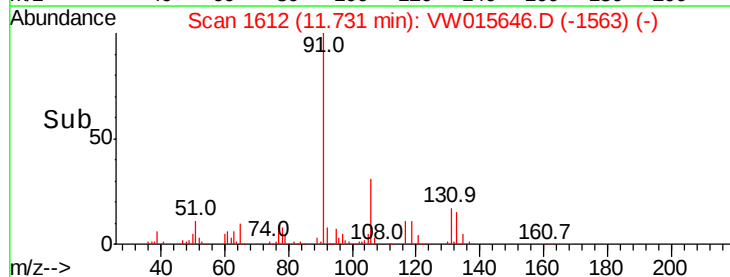
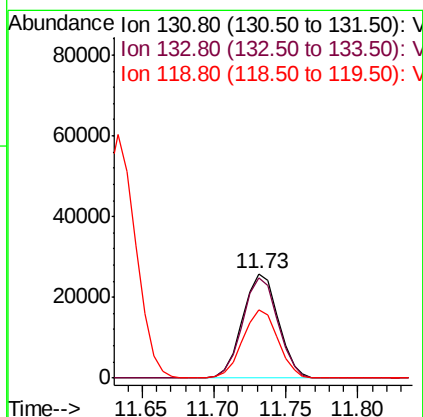
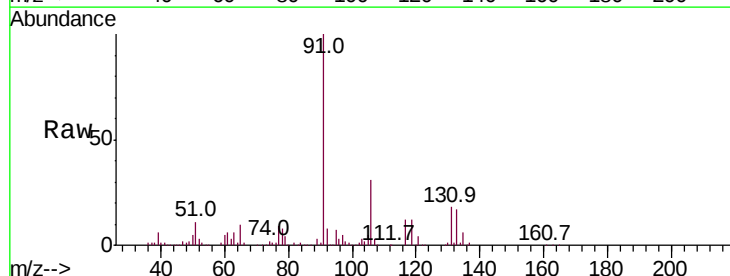
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

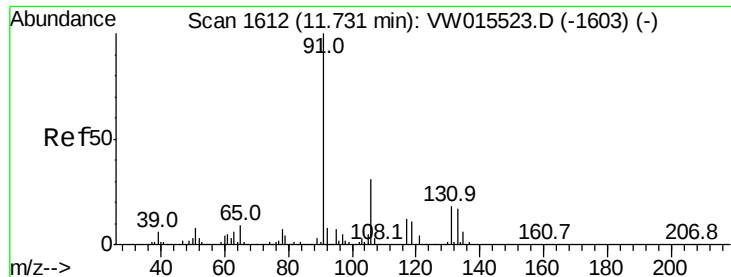
Tot Ion:112 Resp: 127193
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.793 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion:131 Resp: 44474
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.8
119 64.8 32.5 97.5

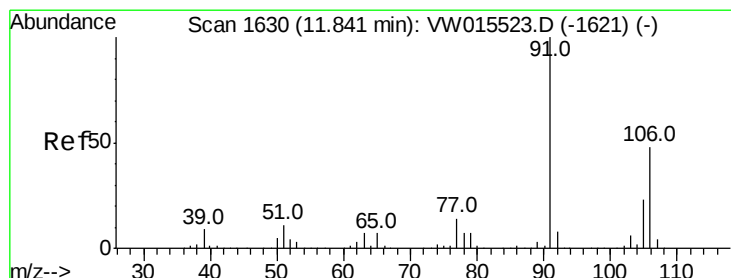
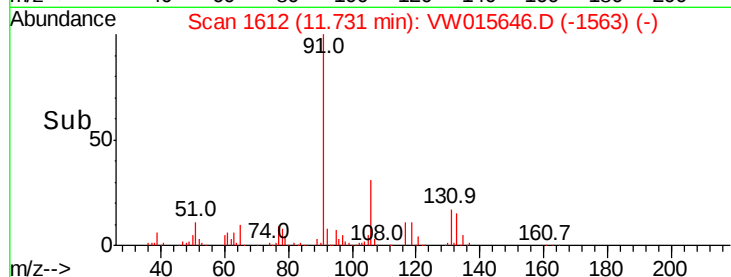
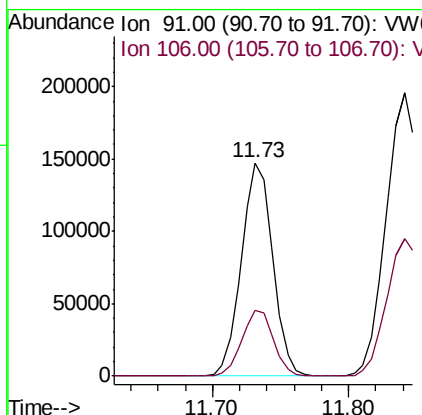
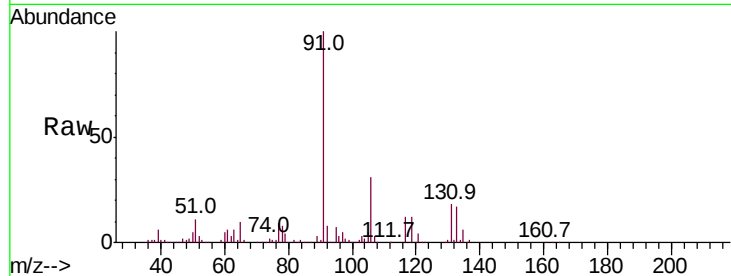




#67
Ethyl Benzene
Concen: 20.053 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

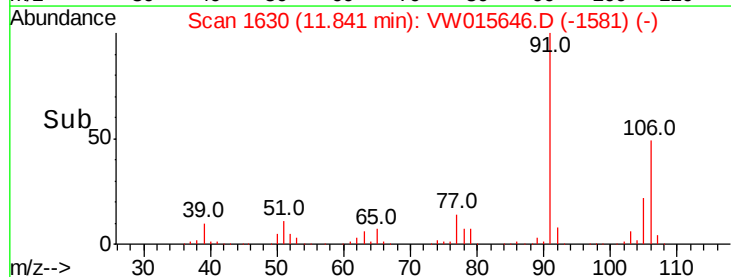
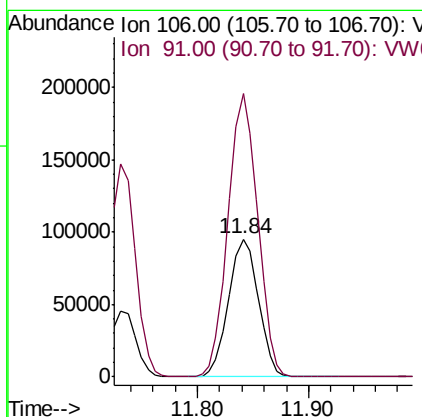
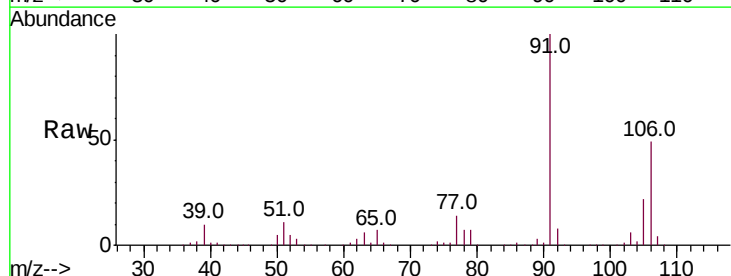
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

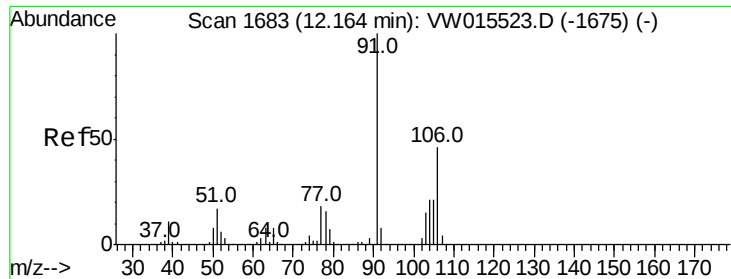
Tot Ion: 91 Resp: 237229
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 40.249 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion:106 Resp: 177913
Ion Ratio Lower Upper
106 100
91 203.3 163.5 245.3

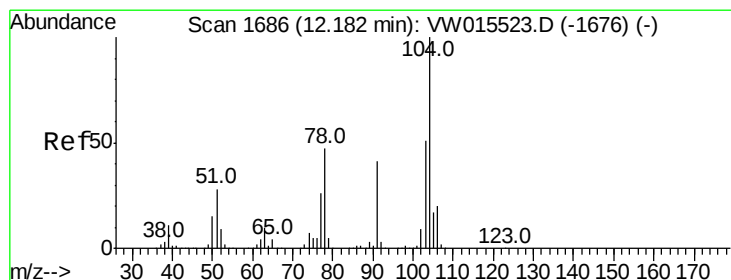
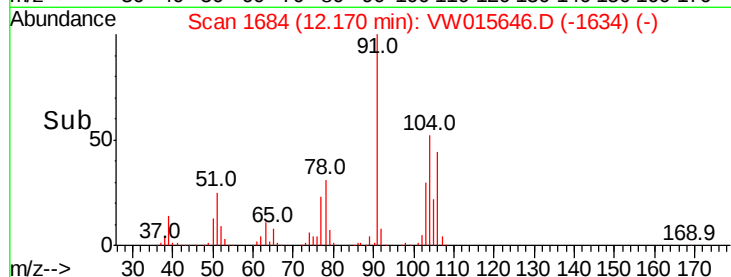
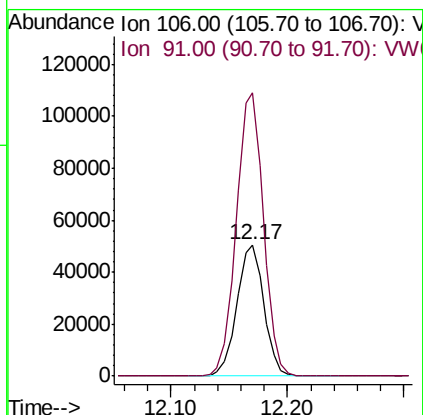
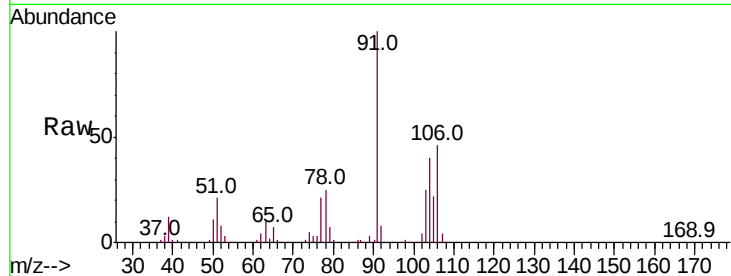




#69
o-Xylene
Concen: 19.751 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

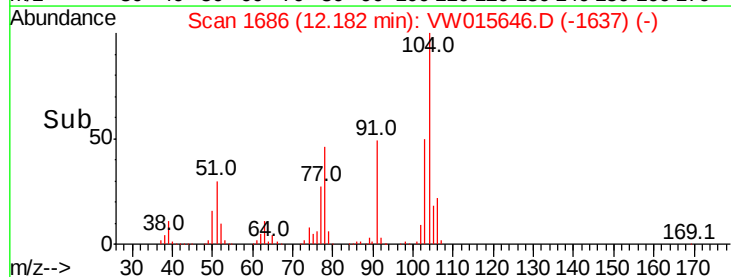
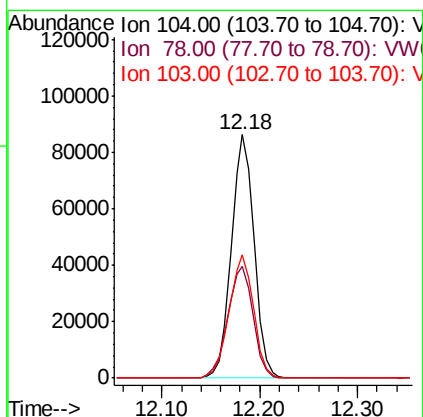
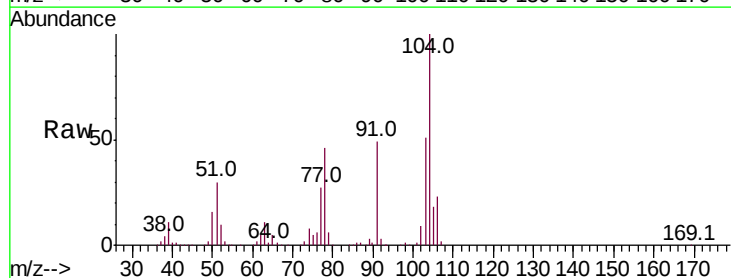
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

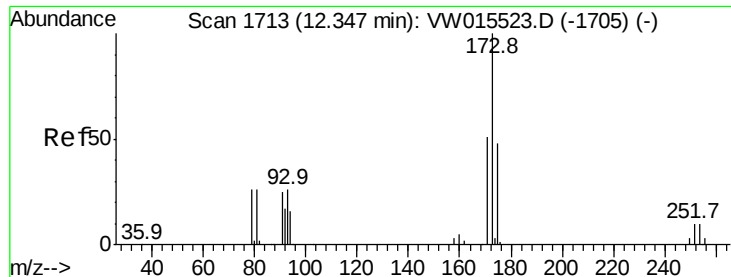
Tot Ion:106 Resp: 81329
Ion Ratio Lower Upper
106 100
91 218.0 107.8 323.4



#70
Styrene
Concen: 19.722 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion:104 Resp: 138700
Ion Ratio Lower Upper
104 100
78 51.3 41.7 62.5
103 54.3 43.8 65.8





#71

Bromoform

Concen: 18.716 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

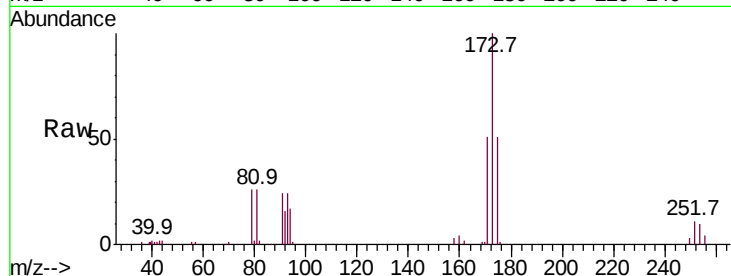
Tot Ion:173 Resp: 20214

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

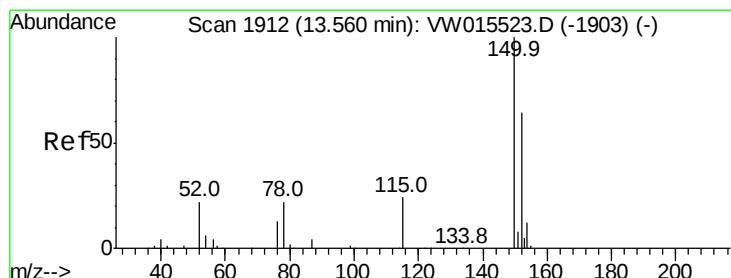
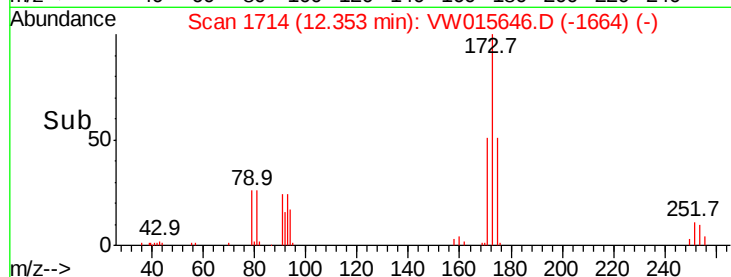
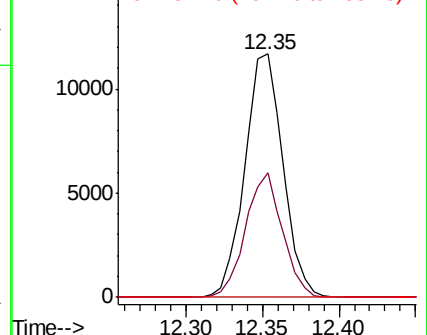
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

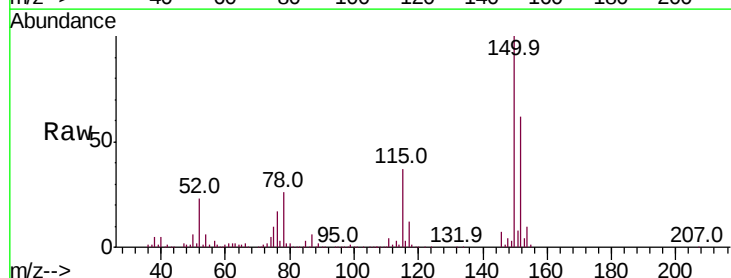
Tgt Ion:152 Resp: 153808

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

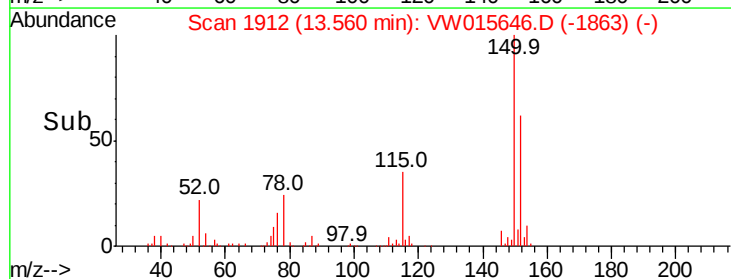
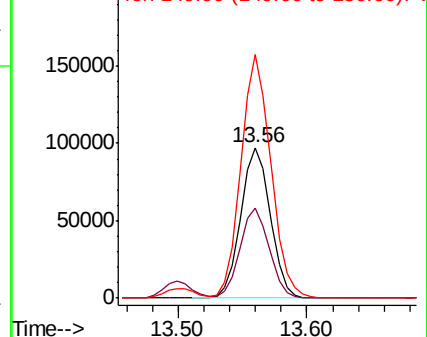
150 164.4 0.0 351.0

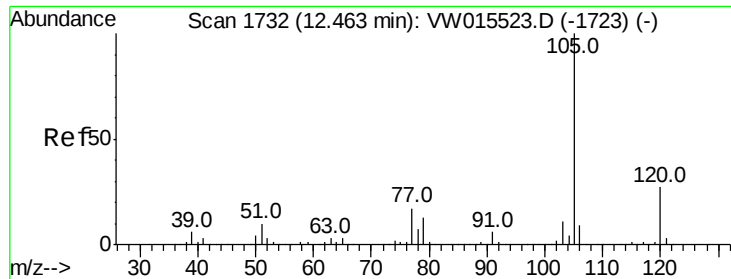


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

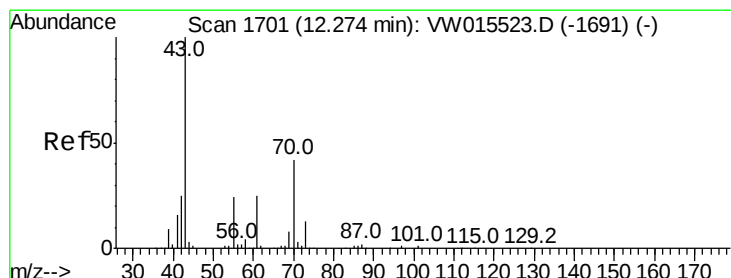
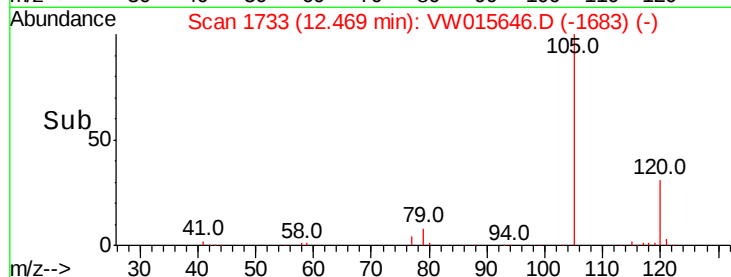
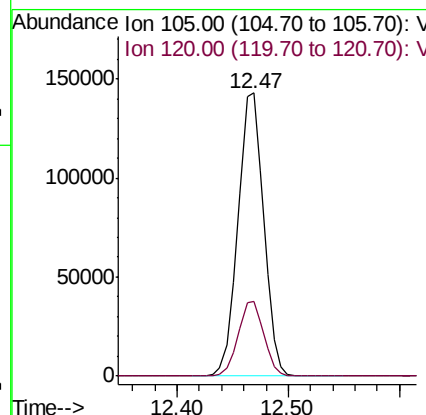
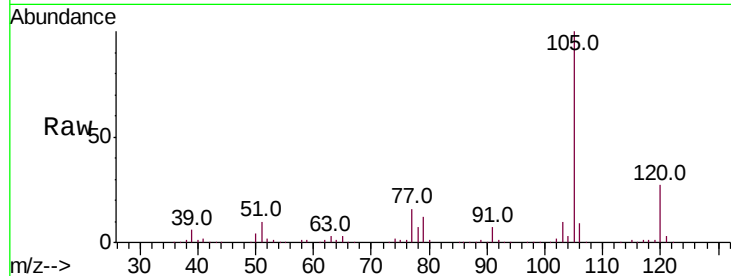




#73
Isopropylbenzene
Concen: 19.397 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

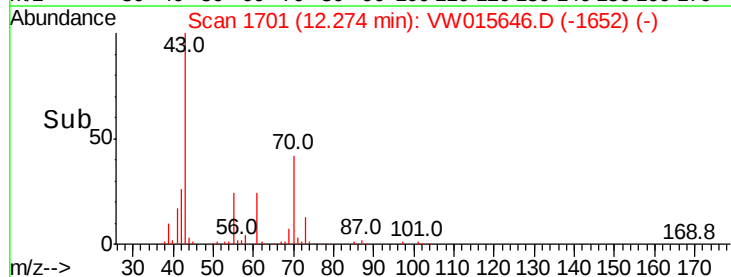
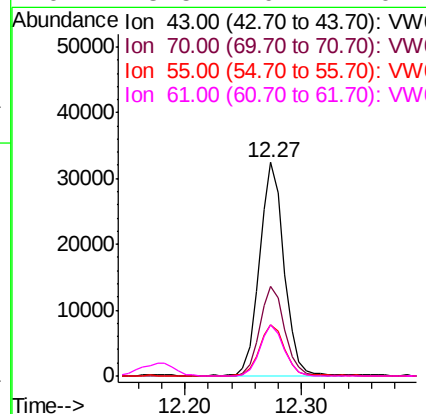
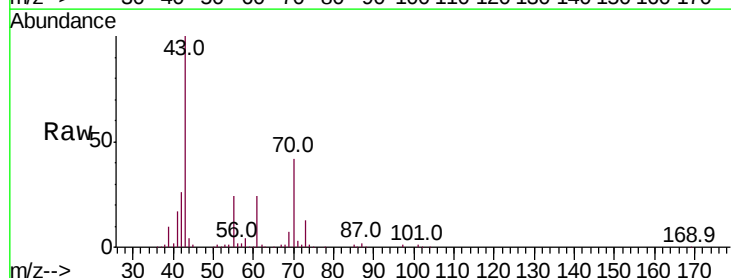
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

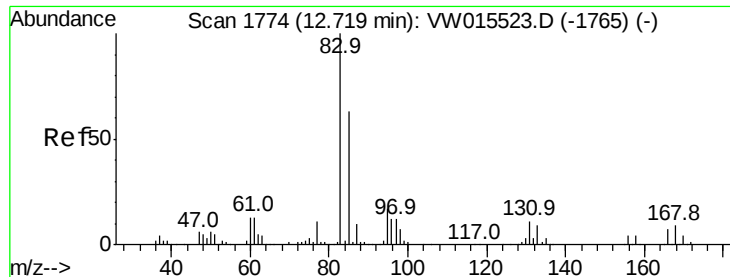
Tot Ion:105 Resp: 228109
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 19.022 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 43 Resp: 48016
Ion Ratio Lower Upper
43 100
70 42.3 33.6 50.4
55 24.7 19.1 28.7
61 23.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.244 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBSD01

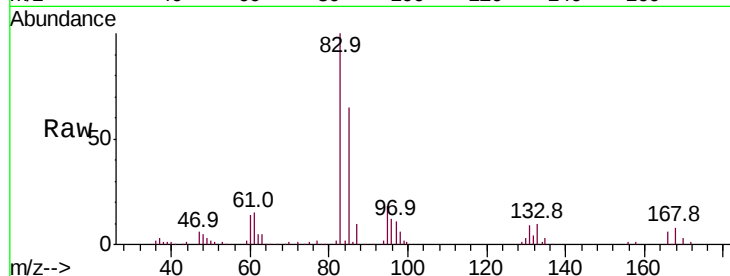
Tot Ion: 83 Resp: 36683

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

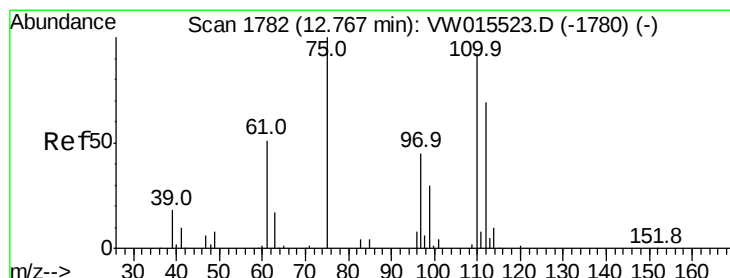
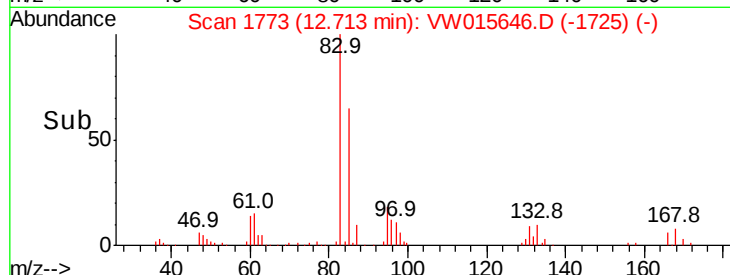
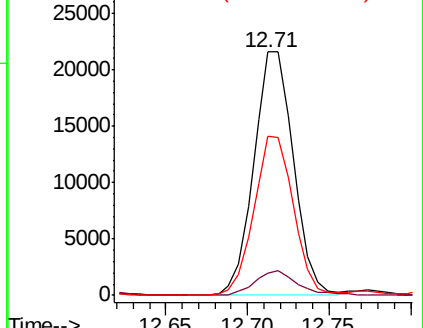
85 64.6 32.0 96.0



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: 37.107 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015646.D

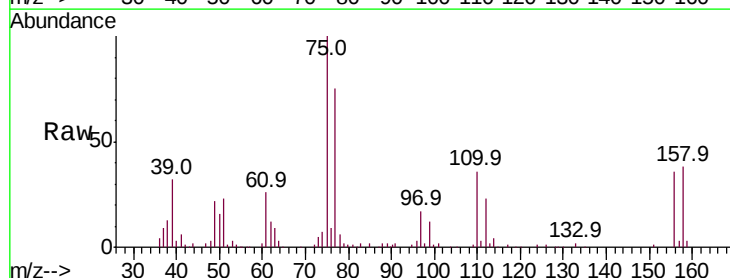
Acq: 22 Jun 2020 13:47

Tgt Ion: 75 Resp: 48128

Ion Ratio Lower Upper

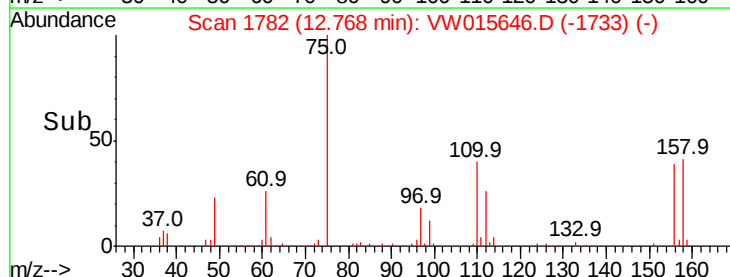
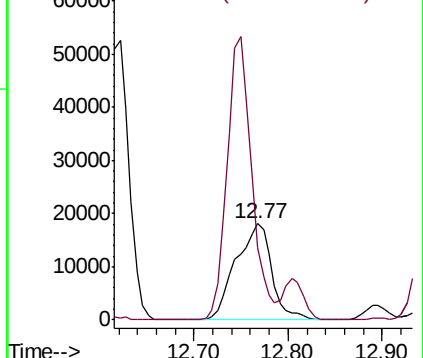
75 100

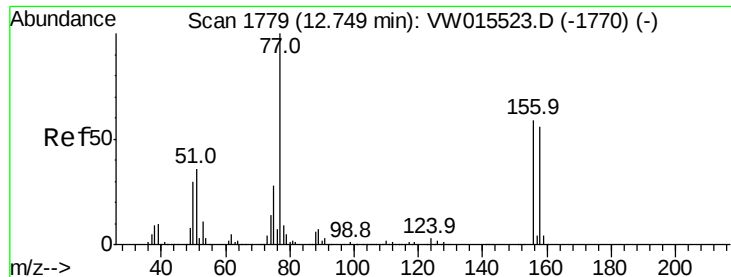
77 201.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.942 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampled :

VW0622SBSD01

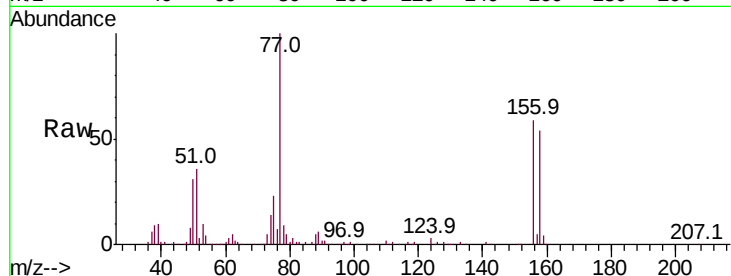
Tot Ion:156 Resp: 50641

Ion Ratio Lower Upper

156 100

77 191.5 97.3 291.8

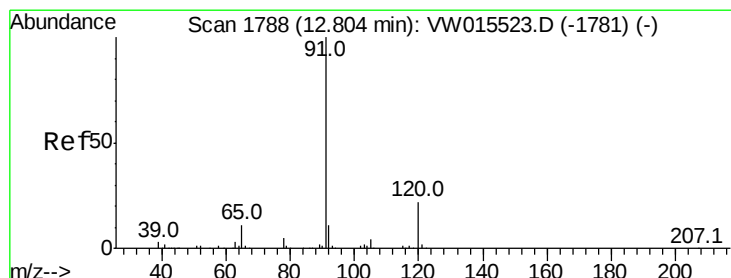
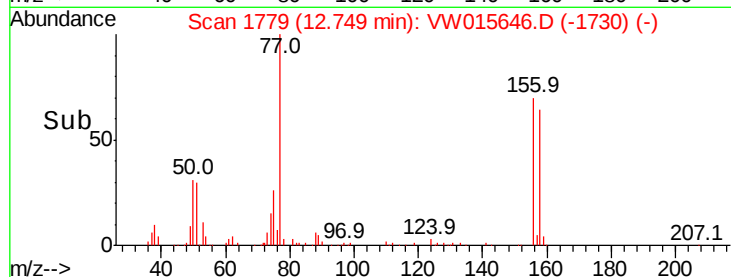
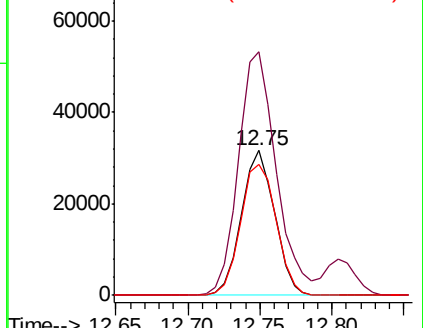
158 96.6 48.5 145.6



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: 19.929 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015646.D

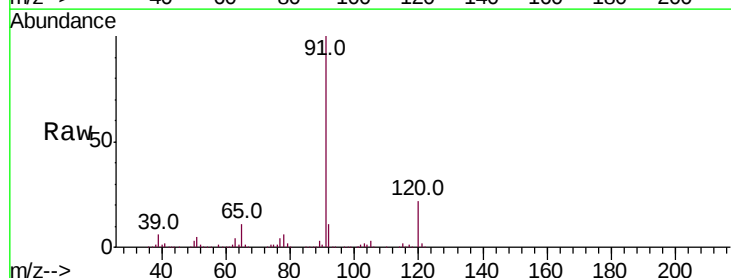
Acq: 22 Jun 2020 13:47

Tgt Ion: 91 Resp: 280007

Ion Ratio Lower Upper

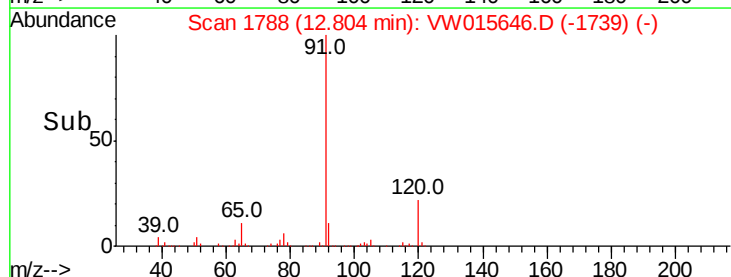
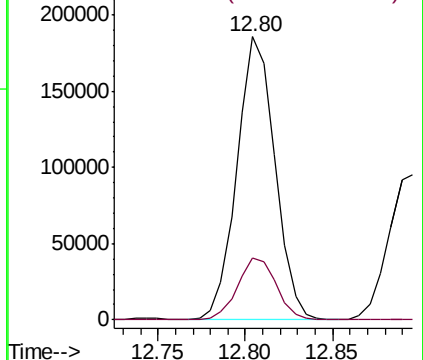
91 100

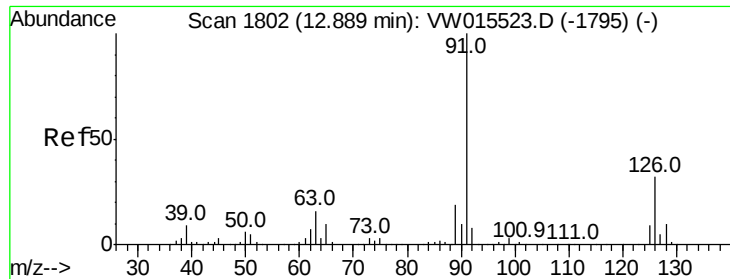
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

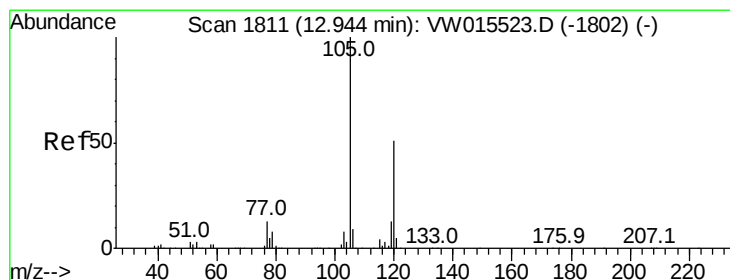
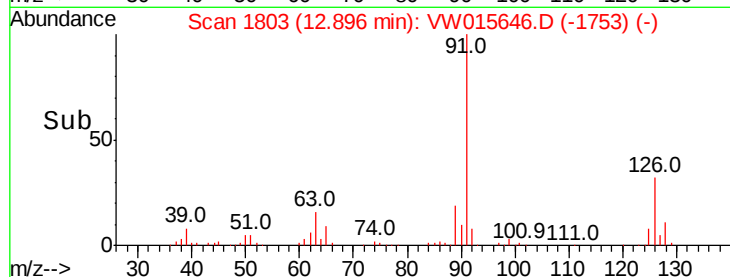
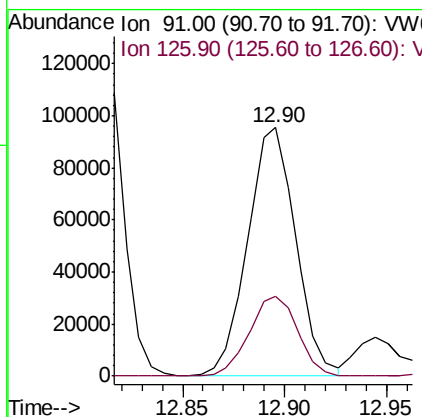
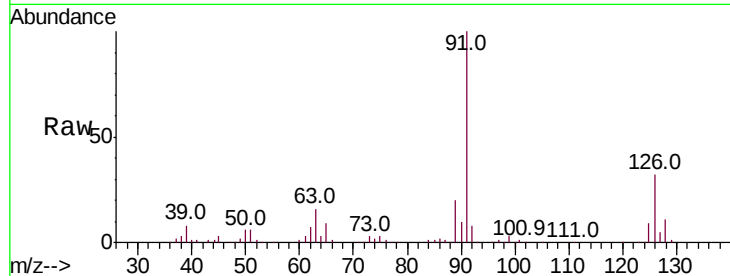




#79
2-Chlorotoluene
Concen: 19.611 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

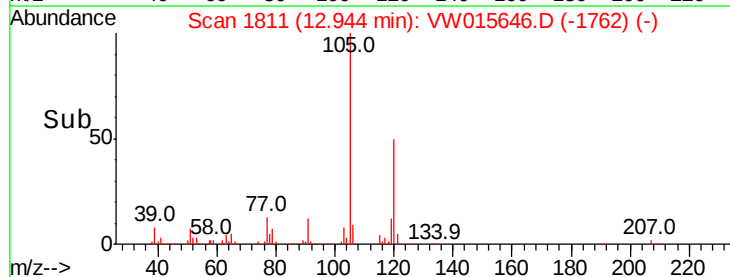
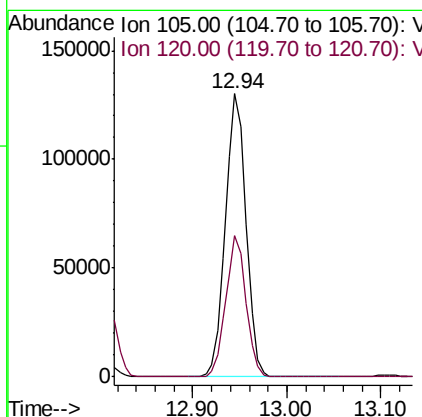
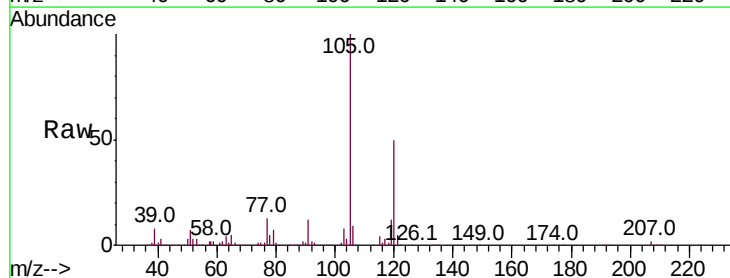
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

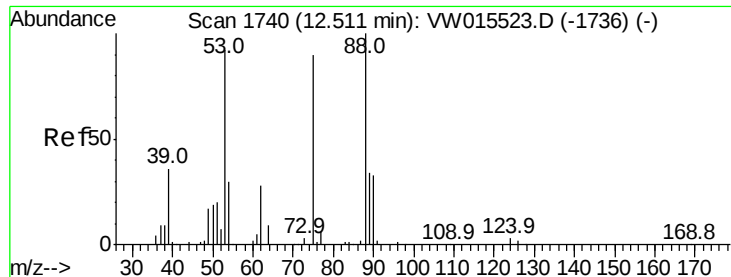
Tot Ion: 91 Resp: 156394
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 19.952 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion:105 Resp: 197733
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 16.899 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

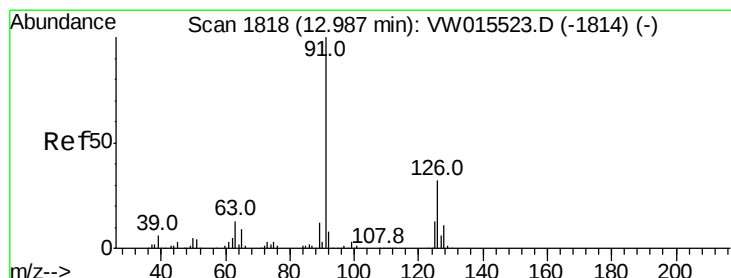
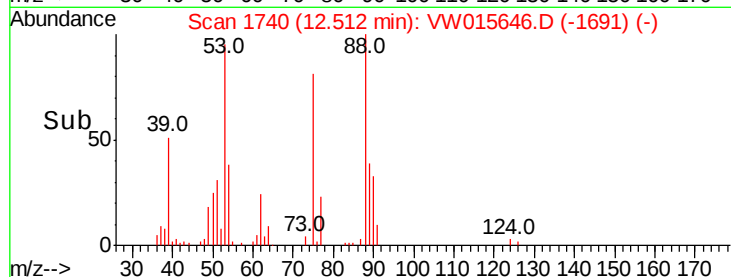
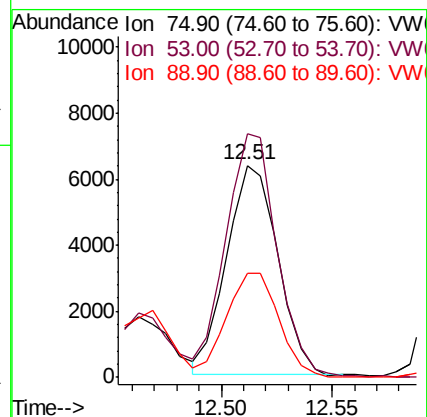
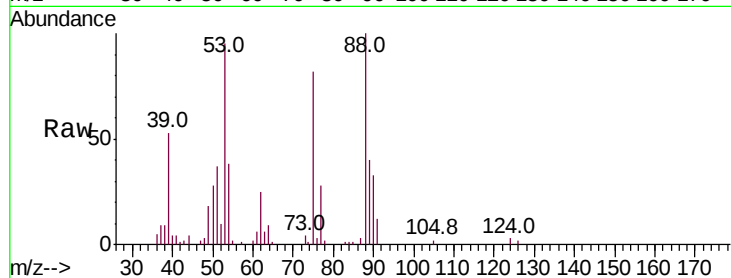
MSVOA_W

ClientSampleId :

VW0622SBSD01

Tot Ion: 75 Resp: 10176

Ion	Ratio	Lower	Upper
75	100		
53	116.8	84.0	126.0
89	50.9	36.6	55.0



#82

4-Chlorotoluene

Concen: 19.965 ug/l

RT: 12.99 min Scan# 1819

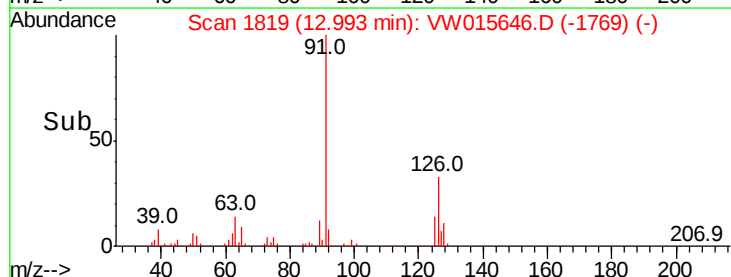
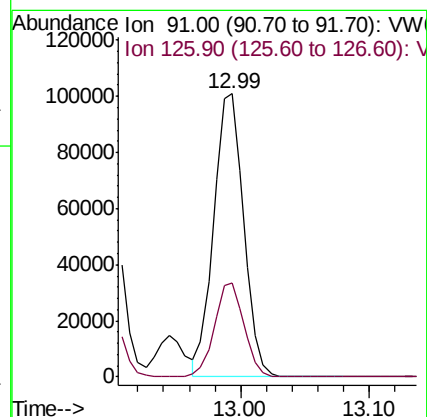
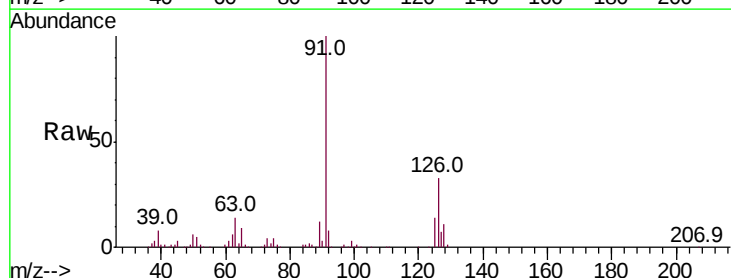
Delta R.T. 0.01 min

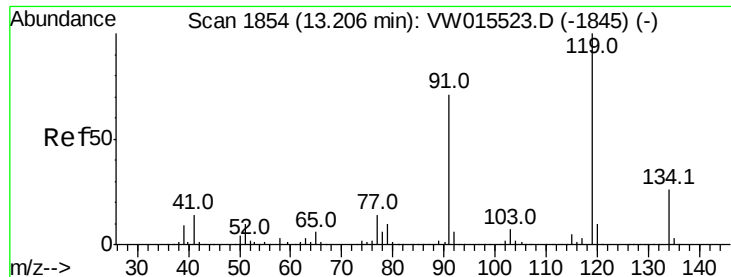
Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Tgt Ion: 91 Resp: 164381

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4

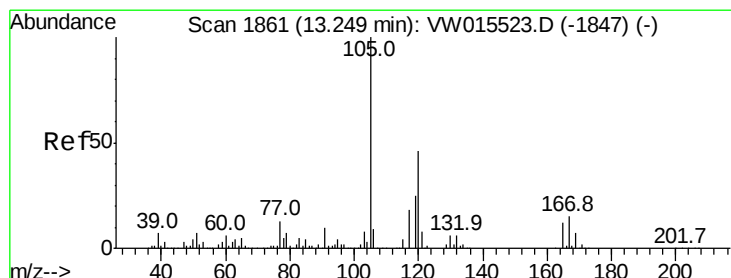
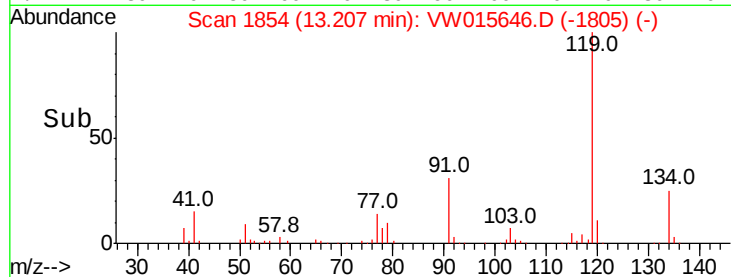
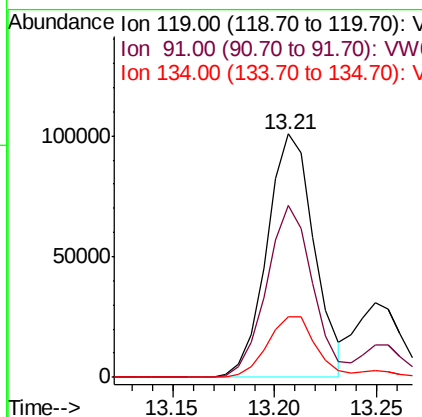
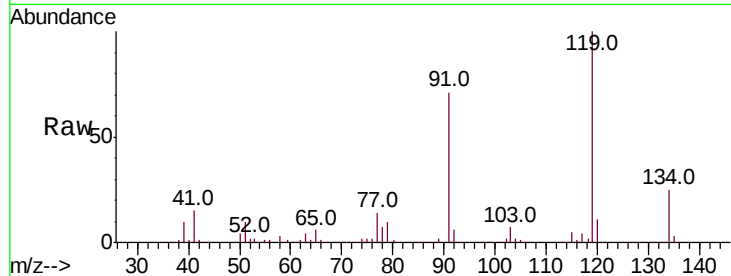




#83
 tert-Butylbenzene
 Concen: 19.275 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

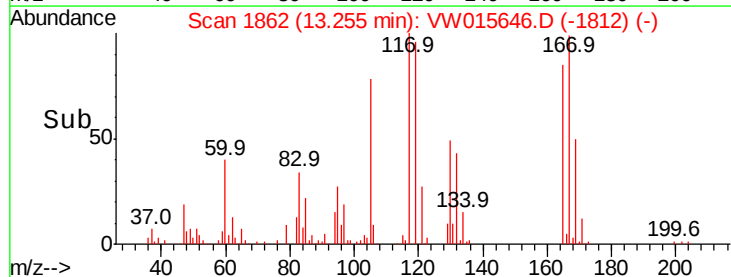
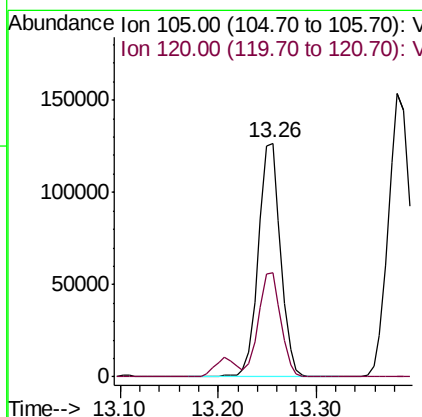
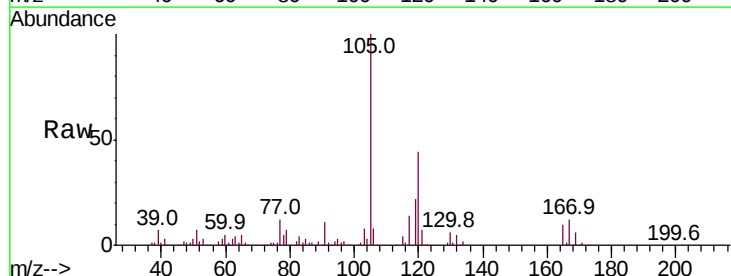
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBSD01

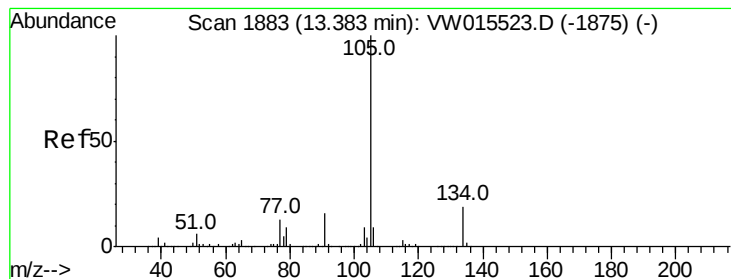
Tot Ion:	119	Resp:	163020
Ion	Ratio	Lower	Upper
119	100		
91	69.8	34.2	102.5
134	25.5	12.7	38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.082 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

Tgt Ion:	105	Resp:	198886
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.987 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

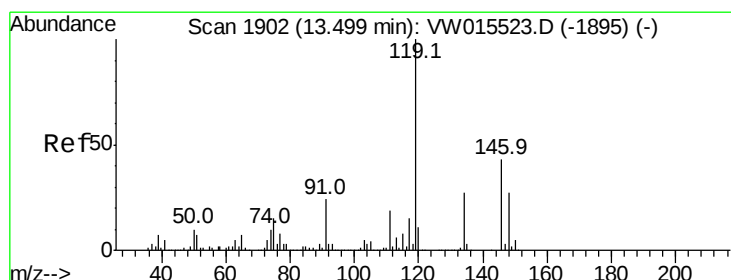
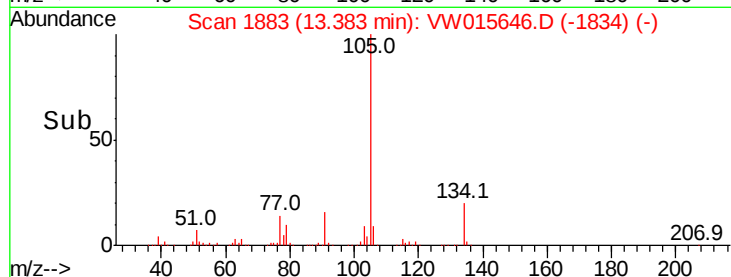
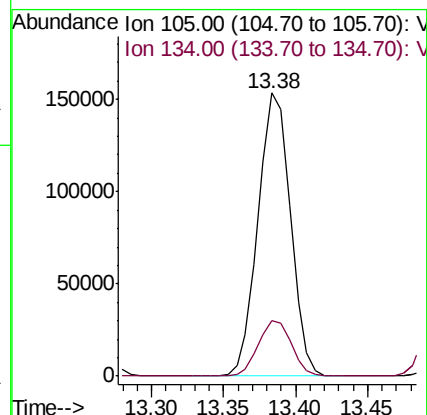
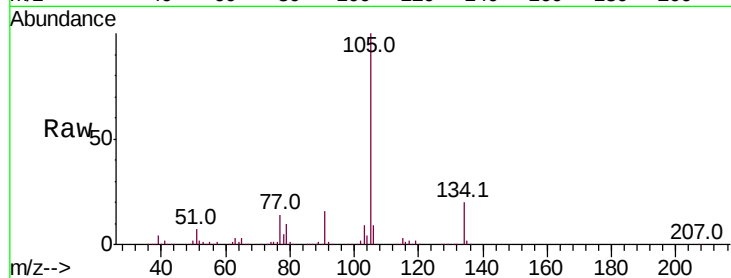
VW0622SBS01

Tot Ion:105 Resp: 238558

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 19.935 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

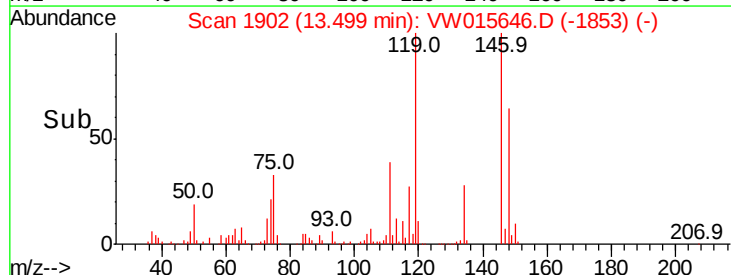
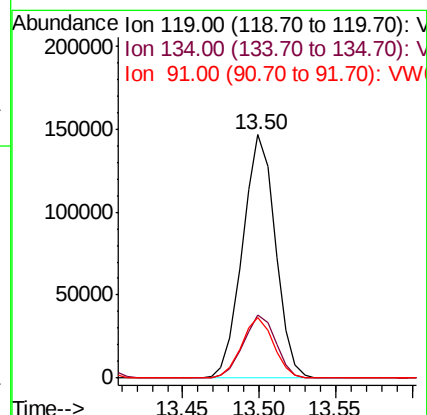
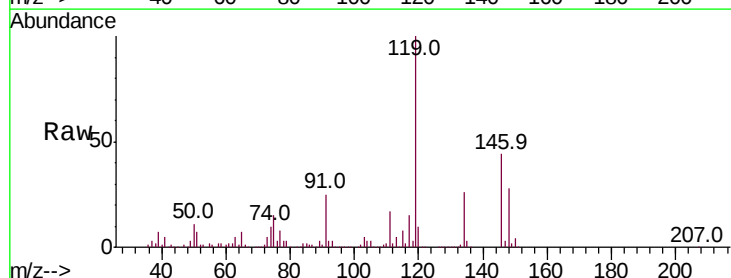
Tgt Ion:119 Resp: 217951

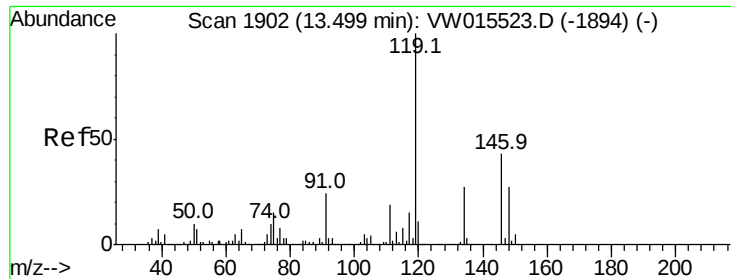
Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

91 24.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 20.008 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

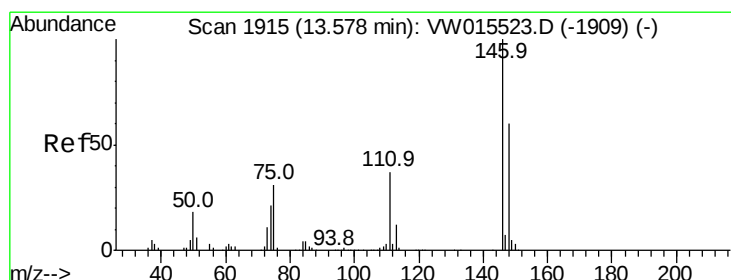
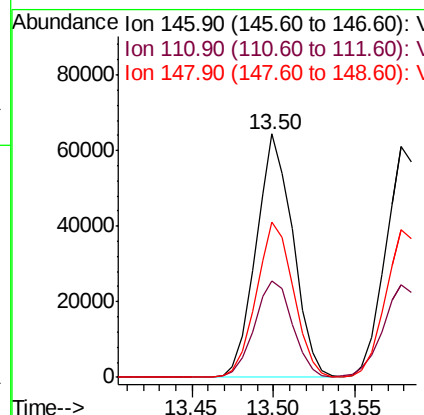
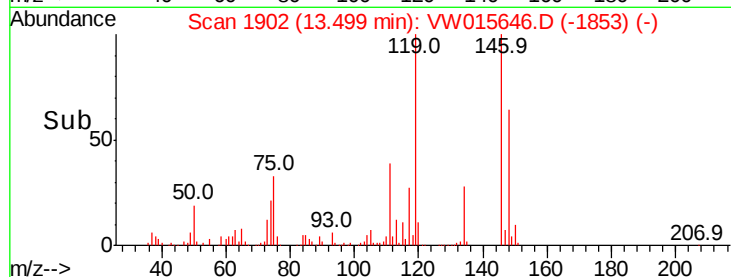
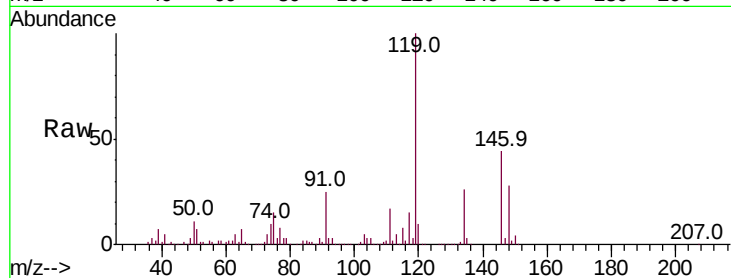
Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

Tot Ion:146 Resp: 100794

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.5
148	64.3	31.2	93.6



#88

1,4-Dichlorobenzene

Concen: 19.650 ug/l

RT: 13.58 min Scan# 1915

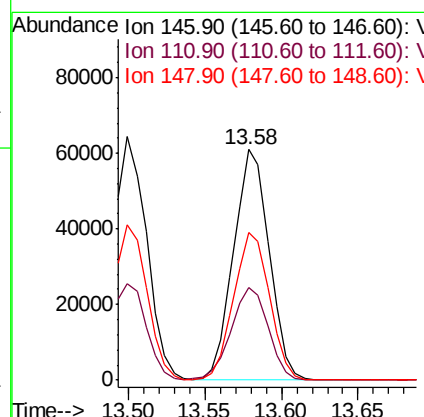
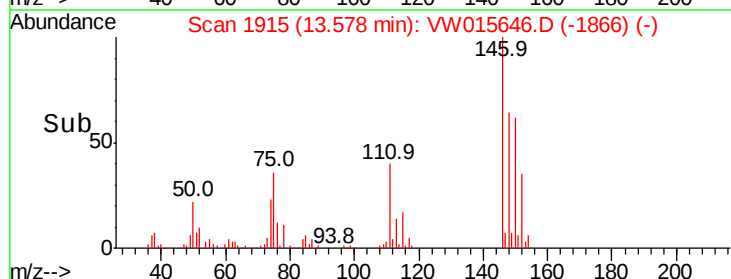
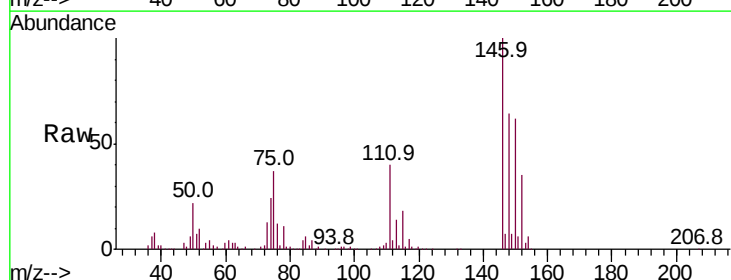
Delta R.T. 0.00 min

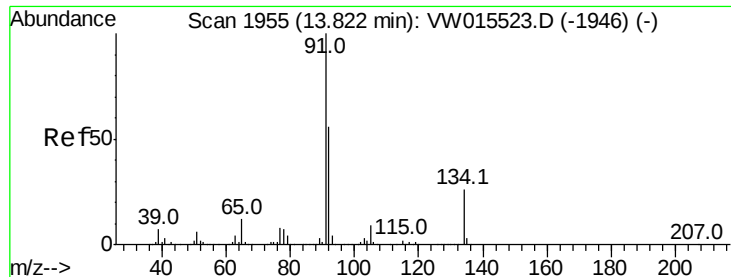
Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Tgt Ion:146 Resp: 98626

Ion	Ratio	Lower	Upper
146	100		
111	41.9	19.6	58.7
148	64.4	30.9	92.7





#89

n-Butylbenzene

Concen: 20.060 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

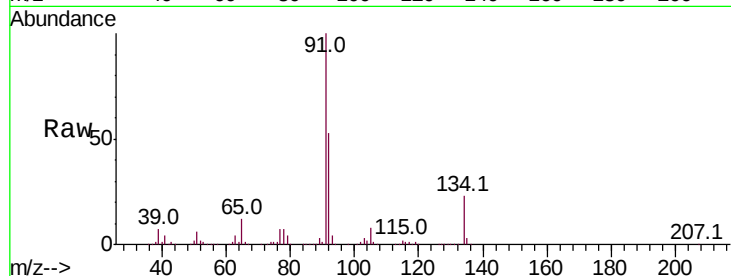
Tot Ion: 91 Resp: 210527

Ion Ratio Lower Upper

91 100

92 53.7 27.3 81.9

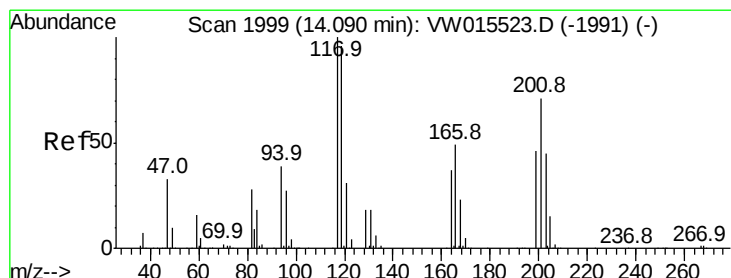
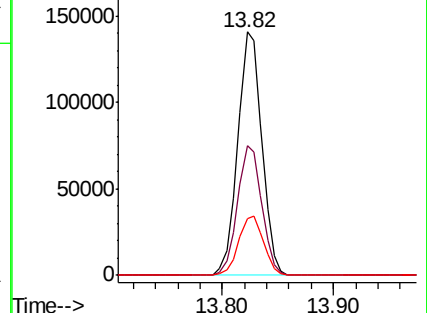
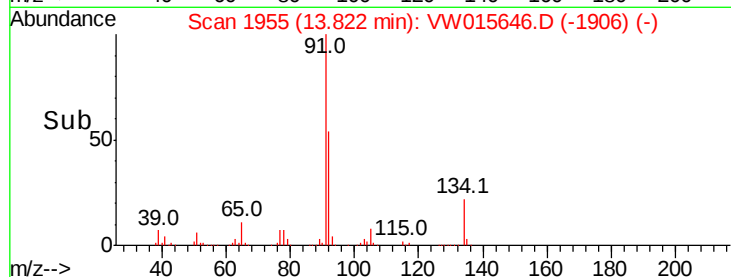
134 25.1 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.765 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW015646.D

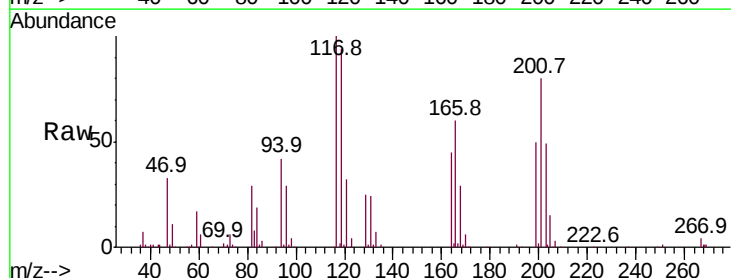
Acq: 22 Jun 2020 13:47

Tgt Ion: 117 Resp: 37739

Ion Ratio Lower Upper

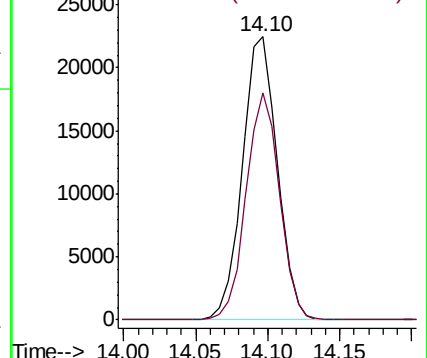
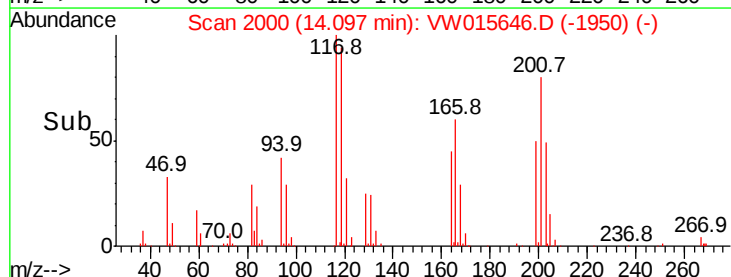
117 100

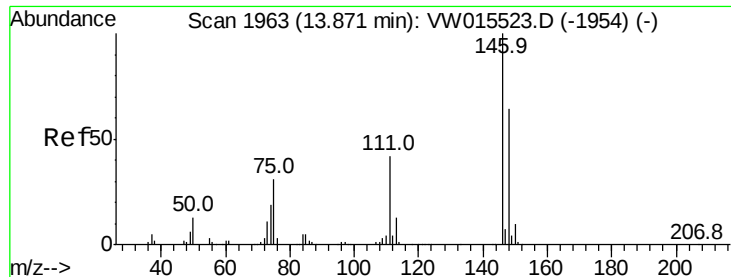
201 76.4 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.903 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

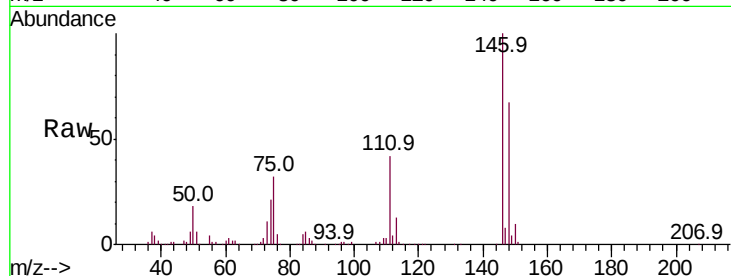
Tot Ion:146 Resp: 87544

Ion Ratio Lower Upper

146 100

111 43.3 20.9 62.8

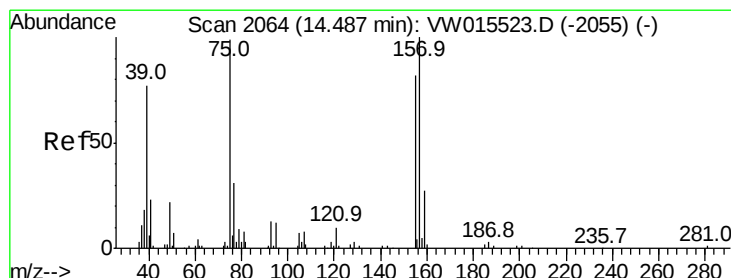
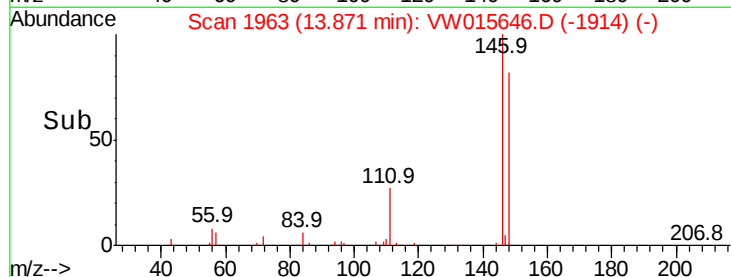
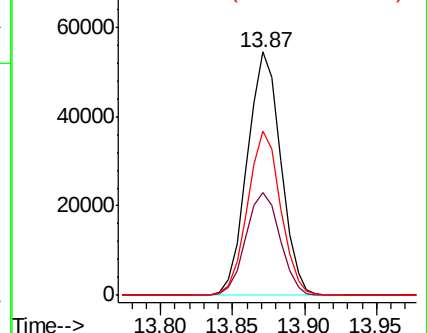
148 66.5 32.1 96.5



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: 18.841 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

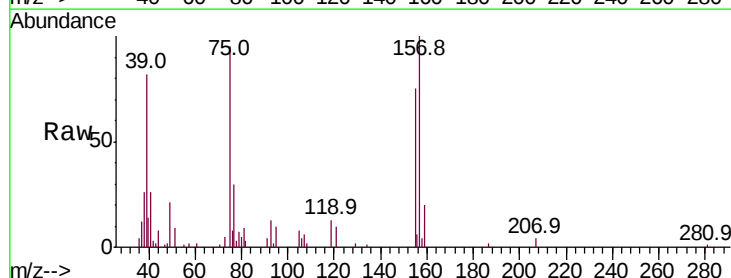
Tgt Ion: 75 Resp: 5886

Ion Ratio Lower Upper

75 100

155 78.6 40.4 121.1

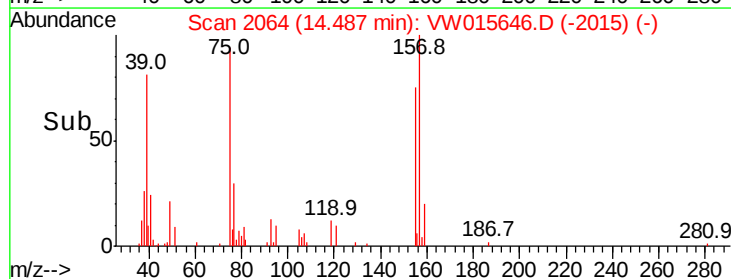
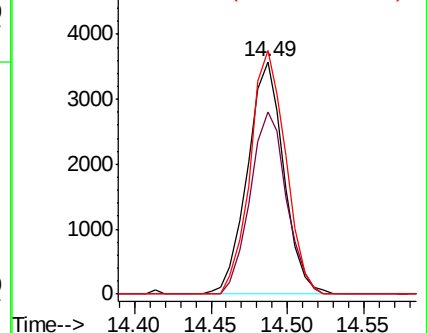
157 102.2 50.5 151.6

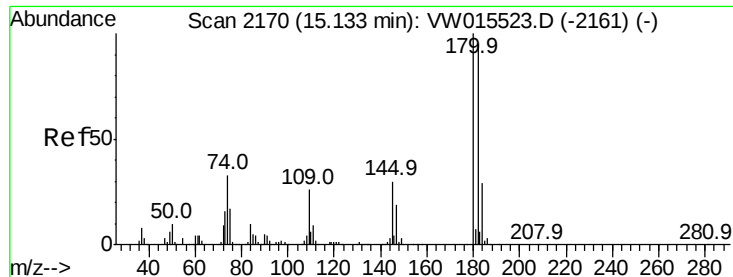


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

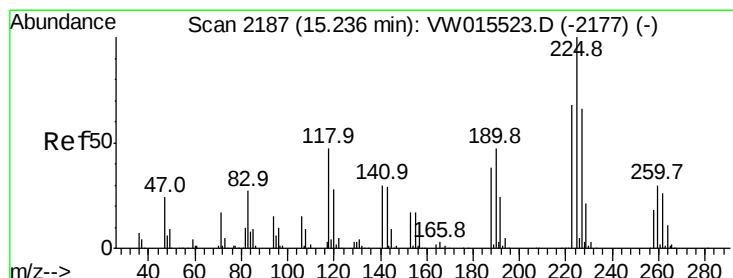
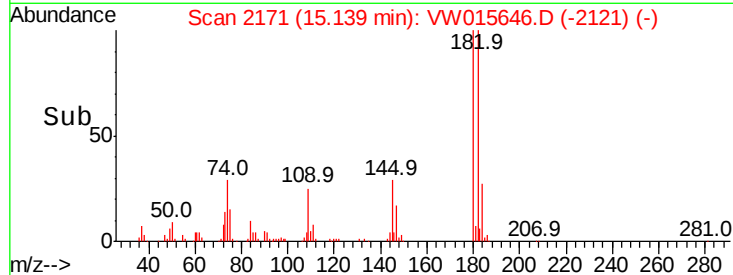
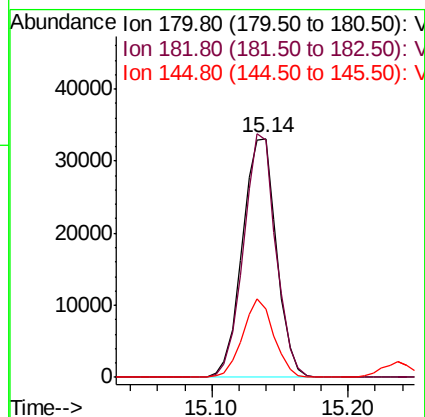
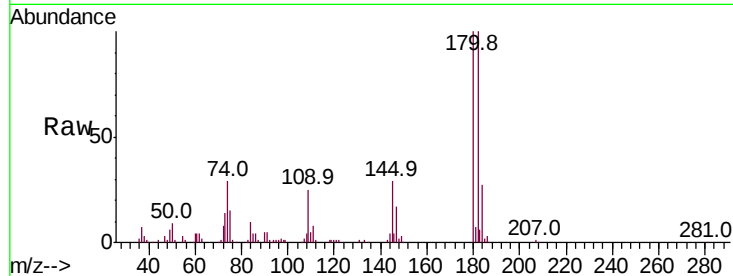




#93
 1,2,4-Trichlorobenzene
 Concen: 19.098 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

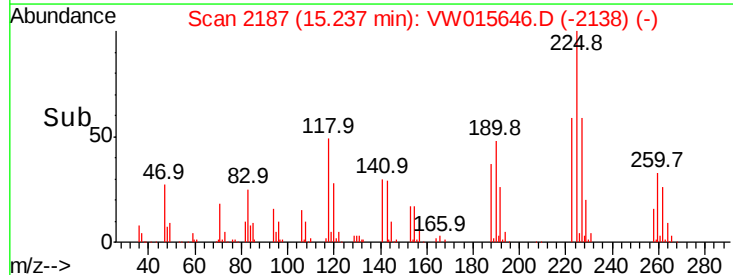
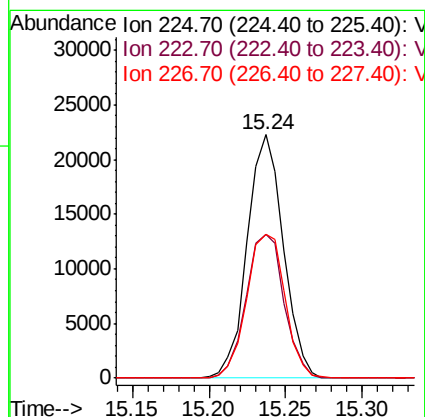
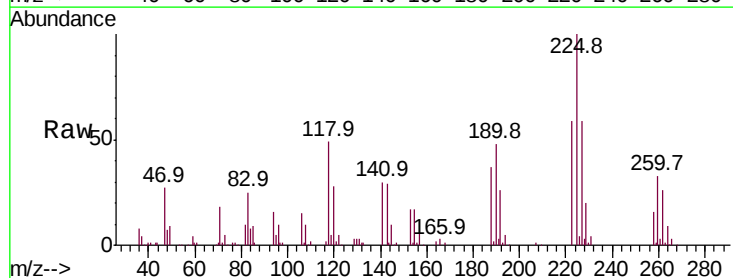
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

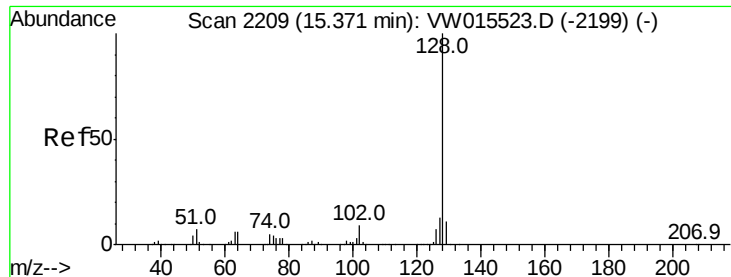
Tot Ion:180 Resp: 57705
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.7 143.1
 145 30.4 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 19.883 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015646.D
 Acq: 22 Jun 2020 13:47

Tgt Ion:225 Resp: 36636
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.8 95.4
 227 62.9 32.6 97.8

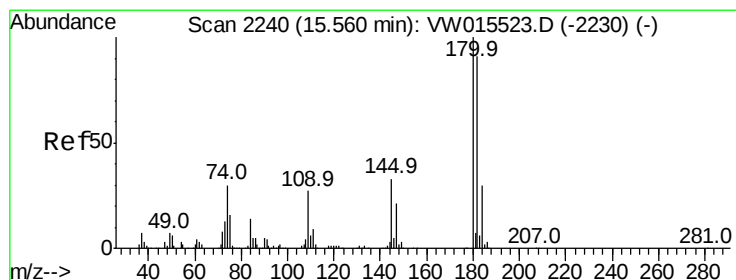
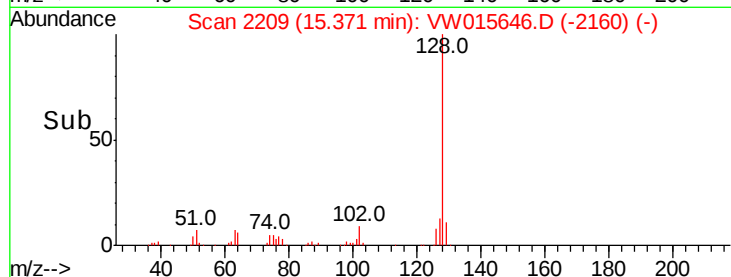
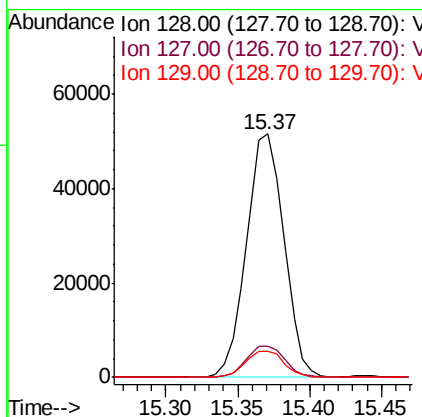
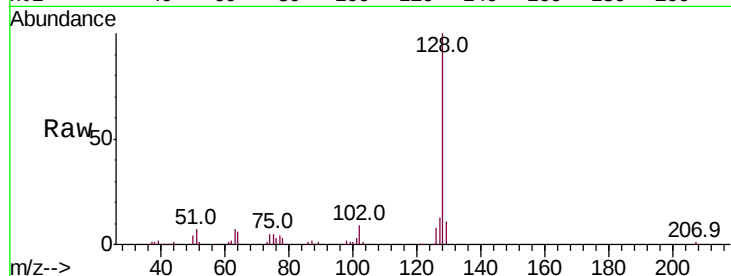




#95
Naphthalene
Concen: 18.199 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

Tot Ion:128 Resp: 92999
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.954 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015646.D
Acq: 22 Jun 2020 13:47

Tgt Ion:180 Resp: 48241
Ion Ratio Lower Upper
180 100
182 98.2 47.1 141.4
145 32.5 16.3 48.8

