

Data File : VW012745.D
Acq On : 08 Sep 2019 04:06
Operator : SY/VA
Sample : VW0907SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Quant Time: Sep 08 05:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135972	64.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.84%	
35) Dibromofluoromethane	7.88	113	100837	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	10.32	98	384446	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	143187	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18080	17.653	ug/l	99
3) Chloromethane	2.21	50	25550	20.527	ug/l	93
4) Vinyl Chloride	2.35	62	26881	17.614	ug/l	99
5) Bromomethane	2.78	94	18233	22.001	ug/l	97
6) Chloroethane	2.91	64	18183	19.966	ug/l	98
7) Trichlorofluoromethane	3.25	101	15651	14.861	ug/l	96
8) Diethyl Ether	3.68	74	21740	24.561	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31318	18.949	ug/l	99
10) Methyl Iodide	4.27	142	47173	22.673	ug/l	99
11) Tert butyl alcohol	5.20	59	17679	109.465	ug/l	95
12) 1,1-Dichloroethene	4.04	96	30374	19.469	ug/l	92
13) Acrolein	3.90	56	10893	63.559	ug/l	97
14) Allyl chloride	4.66	41	67237	20.833	ug/l	99
15) Acrylonitrile	5.37	53	58705	113.551	ug/l	97
16) Acetone	4.13	43	50625	87.973	ug/l	94
17) Carbon Disulfide	4.38	76	67178	20.285	ug/l	99
18) Methyl Acetate	4.67	43	37509	27.782	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	74372	24.037	ug/l	100
20) Methylene Chloride	4.92	84	42737	23.738	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	34809	21.866	ug/l	97
22) Diisopropyl ether	6.31	45	155954	24.364	ug/l	98
23) Vinyl Acetate	6.26	43	440442	108.573	ug/l	99
24) 1,1-Dichloroethane	6.21	63	79138	22.961	ug/l	98
25) 2-Butanone	7.18	43	78870	105.435	ug/l	95
26) 2,2-Dichloropropane	7.17	77	38915	17.877	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	43450	23.540	ug/l	96
28) Bromochloromethane	7.51	49	34744	21.954	ug/l	94
29) Tetrahydrofuran	7.53	42	52019	111.939	ug/l	100
30) Chloroform	7.67	83	82363	24.113	ug/l	99
31) Cyclohexane	7.95	56	58389	18.818	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	60089	21.702	ug/l	99
36) 1,1-Dichloropropene	8.08	75	51597	18.383	ug/l	100
37) Ethyl Acetate	7.25	43	37250	20.819	ug/l	99
38) Carbon Tetrachloride	8.07	117	52181	18.860	ug/l	98

Data File : VW012745.D
Acq On : 08 Sep 2019 04:06
Operator : SY/VA
Sample : VW0907SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Quant Time: Sep 08 05:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50441	16.001	ug/l	97
40) Benzene	8.32	78	160441	20.603	ug/l	100
41) Methacrylonitrile	7.49	41	23720	21.844	ug/l	97
42) 1,2-Dichloroethane	8.40	62	61200	22.331	ug/l	98
43) Isopropyl Acetate	8.42	43	68863	20.315	ug/l	98
44) Trichloroethene	9.09	130	37900	18.881	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40175	18.601	ug/l	99
46) Dibromomethane	9.46	93	21963	21.474	ug/l	98
47) Bromodichloromethane	9.64	83	59736	21.229	ug/l	98
48) Methyl methacrylate	9.43	41	33869	20.908	ug/l	94
49) 1,4-Dioxane	9.47	88	7764	384.308	ug/l #	71
51) 4-Methyl-2-Pentanone	10.21	43	180133	101.271	ug/l	99
52) Toluene	10.39	92	89695	18.454	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	55047	19.025	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	66410	20.233	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33407	21.818	ug/l	98
56) Ethyl methacrylate	10.65	69	45651	20.367	ug/l	99
57) 1,3-Dichloropropane	10.93	76	61569	21.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	116197	97.653	ug/l	99
59) 2-Hexanone	10.97	43	122531	94.291	ug/l	98
60) Dibromochloromethane	11.13	129	39956	22.188	ug/l	97
61) 1,2-Dibromoethane	11.23	107	30764	21.915	ug/l	99
64) Tetrachloroethene	10.86	164	36465	20.892	ug/l	96
65) Chlorobenzene	11.65	112	108261	19.913	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	41306	20.402	ug/l	99
67) Ethyl Benzene	11.73	91	194657	19.083	ug/l	95
68) m/p-Xylenes	11.83	106	141399	38.404	ug/l	99
69) o-Xylene	12.16	106	69275	19.943	ug/l	98
70) Styrene	12.18	104	124061	20.212	ug/l	100
71) Bromoform	12.35	173	22743	20.218	ug/l #	98
73) Isopropylbenzene	12.46	105	188703	18.094	ug/l	100
74) N-amyl acetate	12.27	43	56622	17.105	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	36600	17.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49683	33.415	ug/l #	100
77) Bromobenzene	12.74	156	45142	19.105	ug/l	96
78) n-propylbenzene	12.80	91	217012	17.398	ug/l	99
79) 2-Chlorotoluene	12.89	91	135181	18.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	162500	18.491	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	11497	16.355	ug/l	93
82) 4-Chlorotoluene	12.99	91	142939	18.872	ug/l	100
83) tert-Butylbenzene	13.21	119	131917	16.977	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	163909	18.510	ug/l	99
85) sec-Butylbenzene	13.38	105	191852	17.793	ug/l	99
86) p-Isopropyltoluene	13.50	119	167853	17.043	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	86168	18.554	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	87919	19.025	ug/l	99
89) n-Butylbenzene	13.82	91	158379	16.564	ug/l	99
90) Hexachloroethane	14.09	117	31654	18.410	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	83034	19.864	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7111	18.552	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Quantitation Report (Not Reviewed)

Data File : VW012745.D
Acq On : 08 Sep 2019 04:06
Operator : SY/VA
Sample : VW0907SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

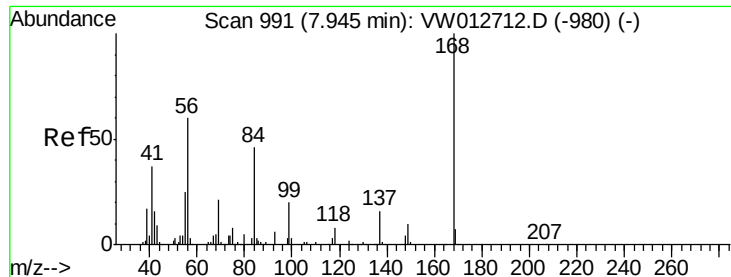
Quant Time: Sep 08 05:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55913	19.212	ug/l	98
94) Hexachlorobutadiene	15.24	225	33163	16.463	ug/l	98
95) Naphthalene	15.36	128	101656	19.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51317	19.976	ug/l	98

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

Quant Time: Sep 08 05:19:52 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

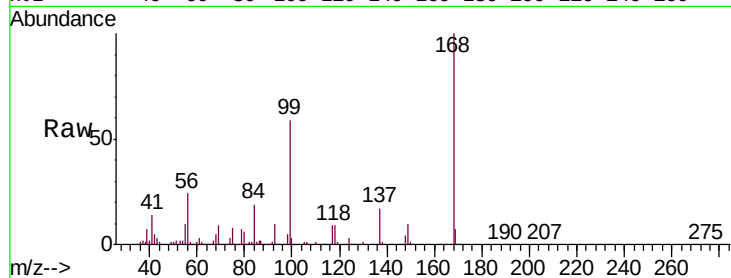
VW0907SBSD02

Tgt Ion:168 Resp: 188920

Ion Ratio Lower Upper

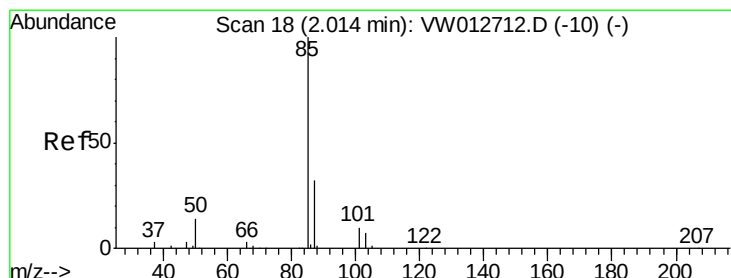
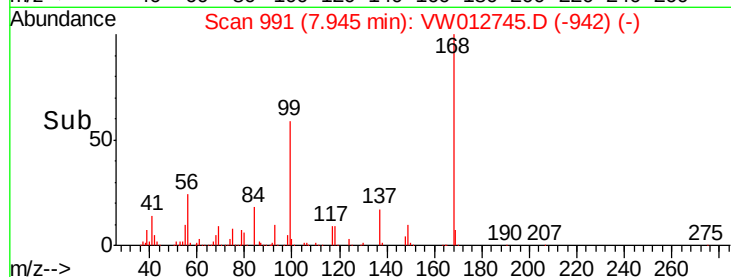
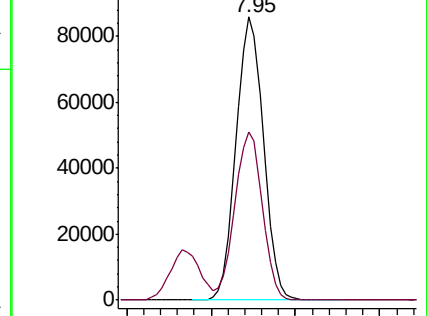
168 100

99 59.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.653 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012745.D

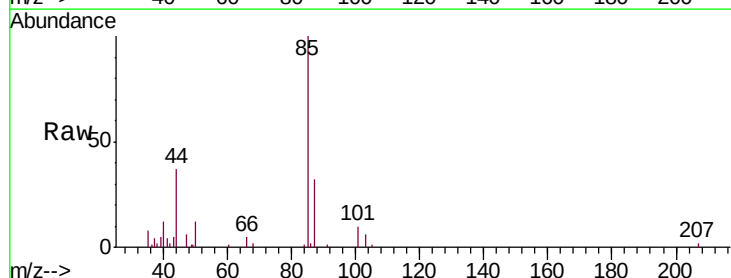
Acq: 08 Sep 2019 04:06

Tgt Ion: 85 Resp: 18080

Ion Ratio Lower Upper

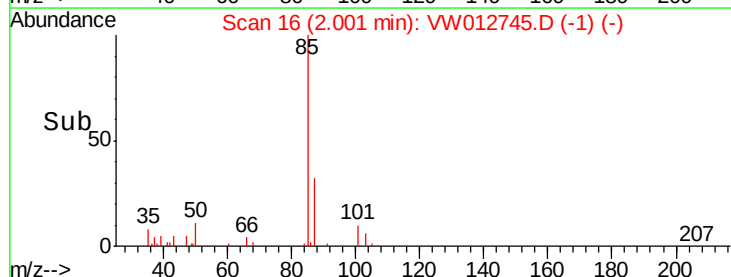
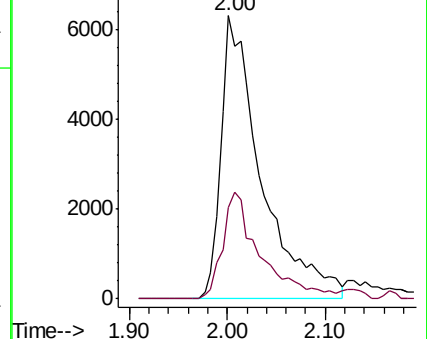
85 100

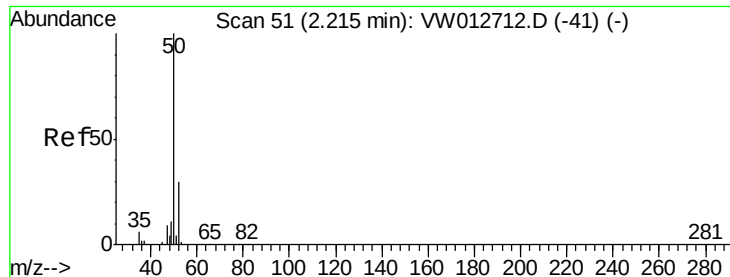
87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.527 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

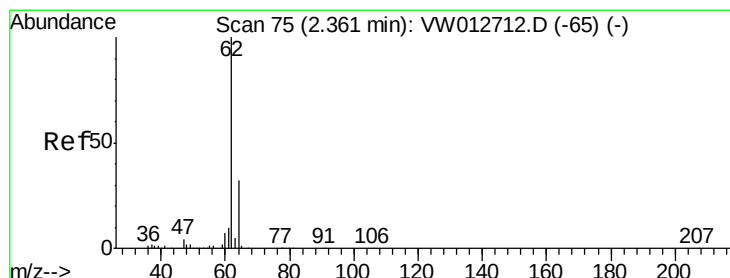
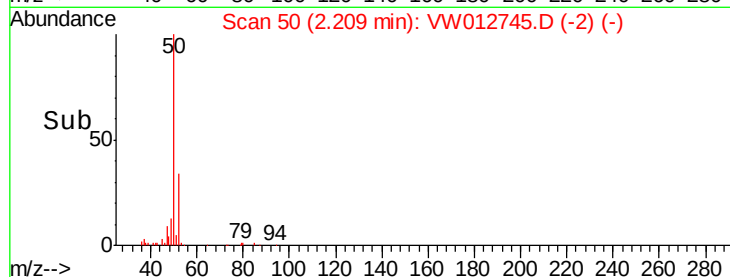
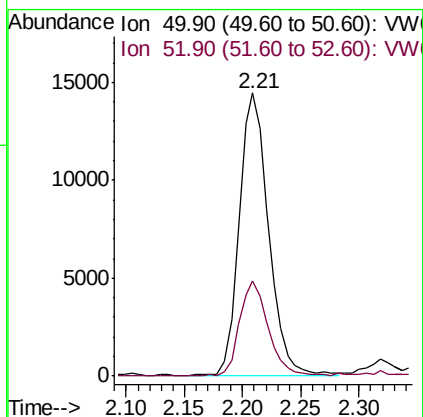
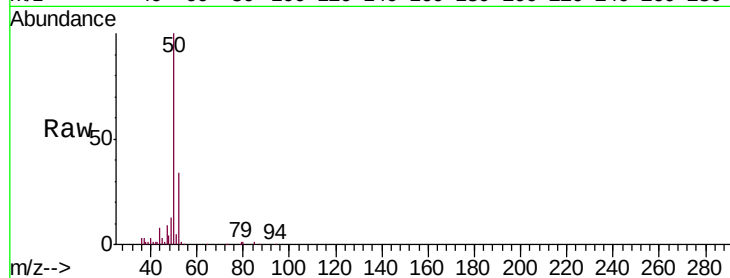
VW0907SBSD02

Tgt Ion: 50 Resp: 25550

Ion Ratio Lower Upper

50 100

52 33.8 24.2 36.2



#4

Vinyl Chloride

Concen: 17.614 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012745.D

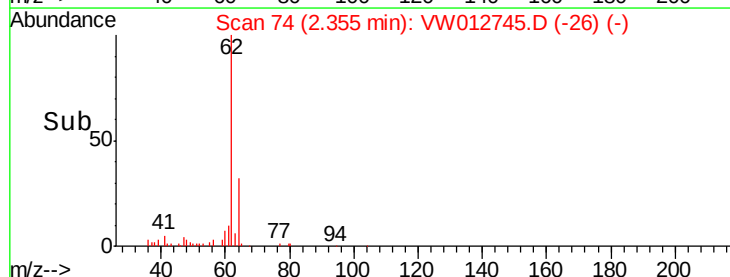
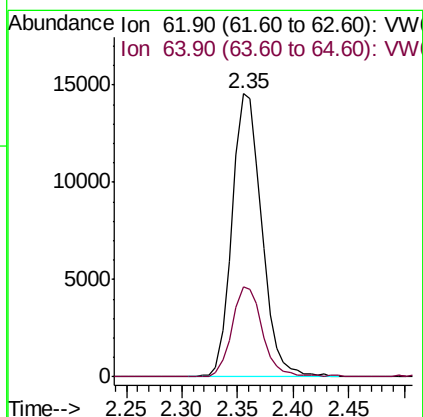
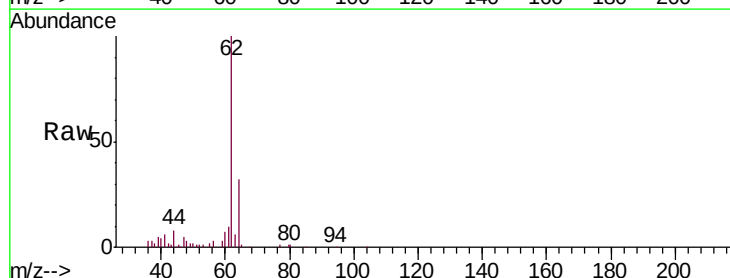
Acq: 08 Sep 2019 04:06

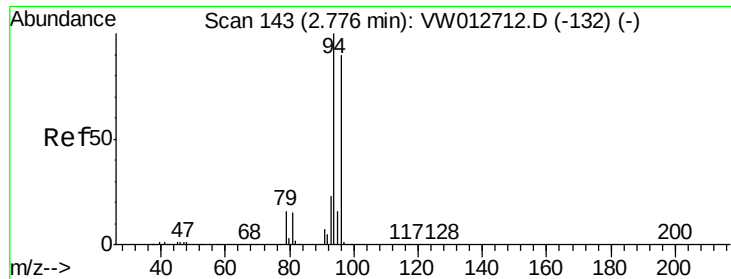
Tgt Ion: 62 Resp: 26881

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 22.001 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

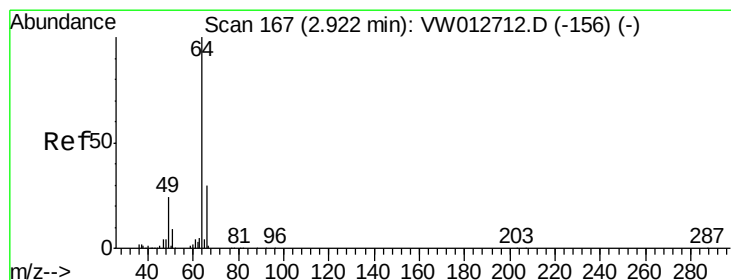
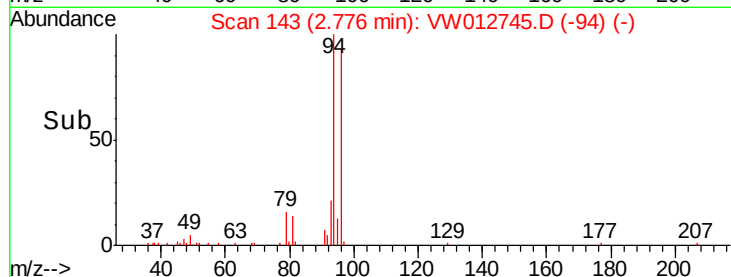
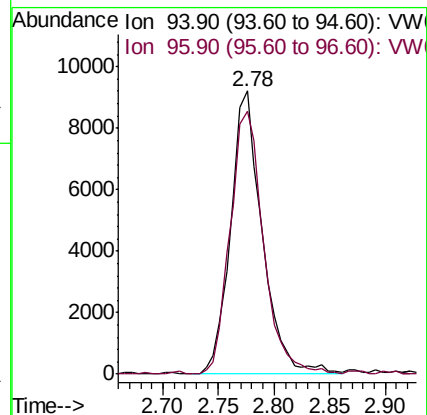
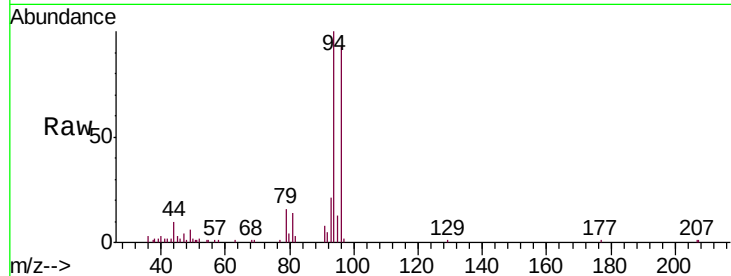
VW0907SBSD02

Tgt Ion: 94 Resp: 18233

Ion Ratio Lower Upper

94 100

96 92.9 72.1 108.1



#6

Chloroethane

Concen: 19.966 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012745.D

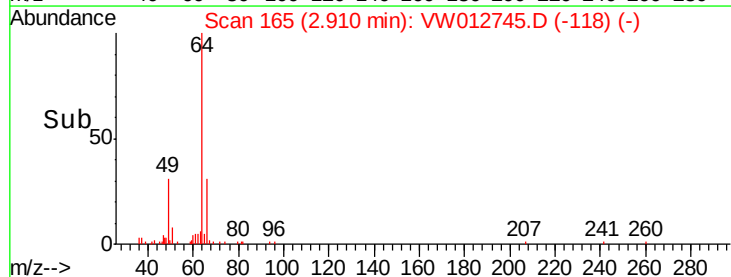
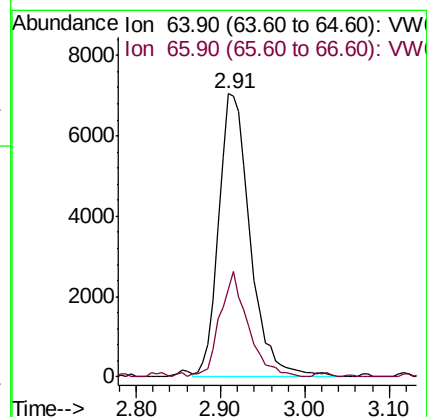
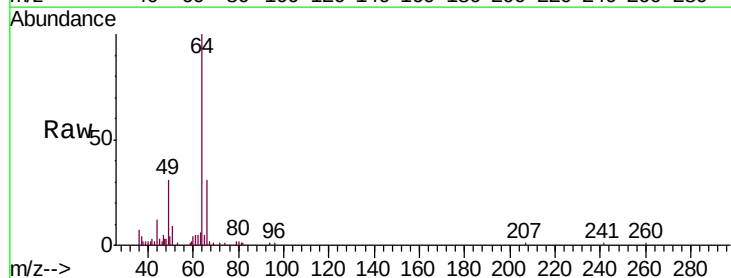
Acq: 08 Sep 2019 04:06

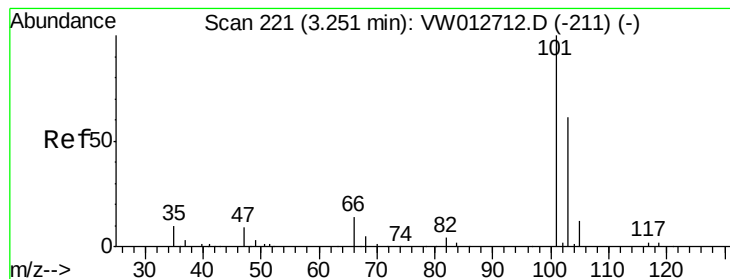
Tgt Ion: 64 Resp: 18183

Ion Ratio Lower Upper

64 100

66 30.7 23.8 35.6



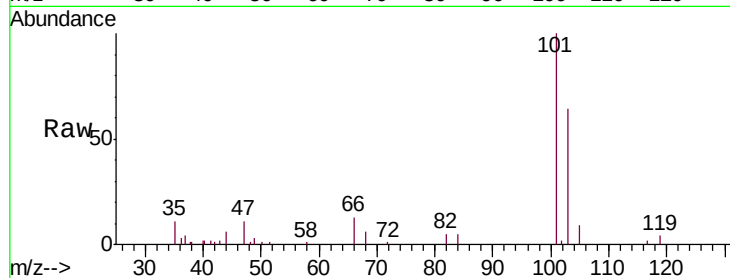


#7

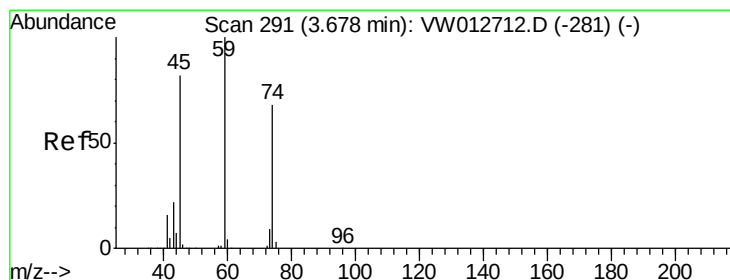
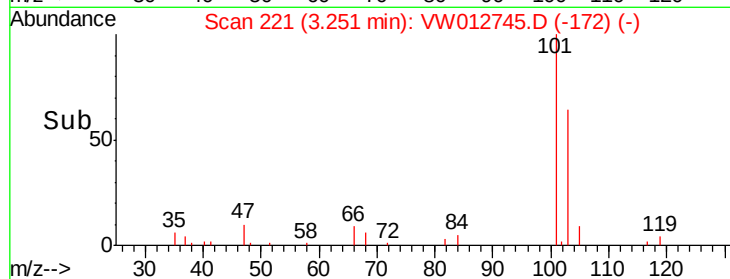
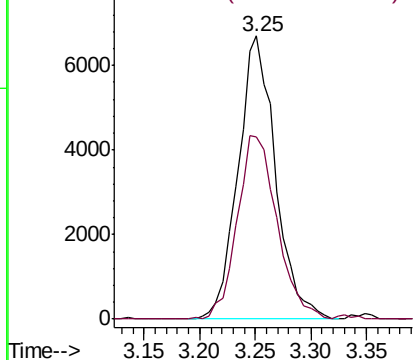
Trichlorofluoromethane
 Concen: 14.861 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

Tgt Ion:101 Resp: 15651
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.0 73.4



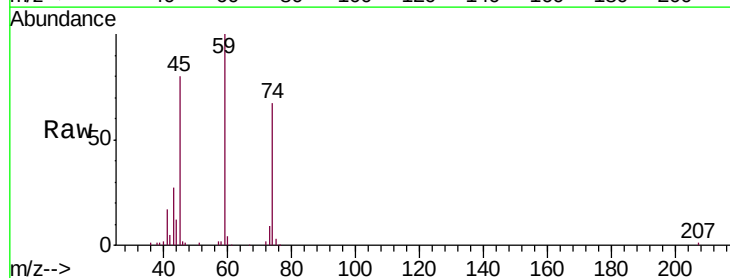
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



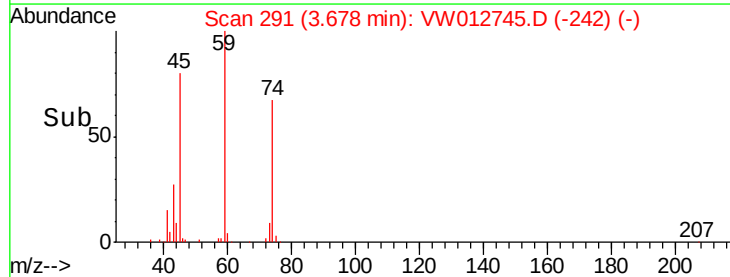
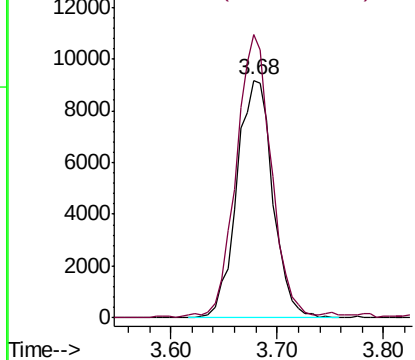
#8

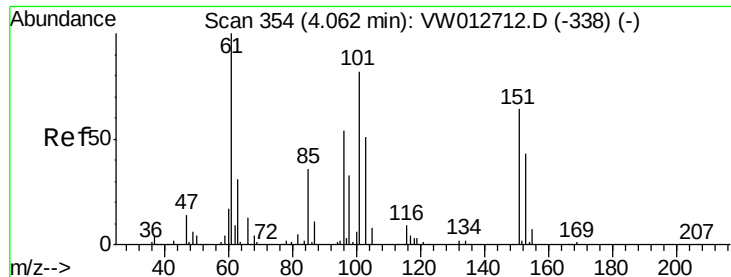
Diethyl Ether
 Concen: 24.561 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion: 74 Resp: 21740
 Ion Ratio Lower Upper
 74 100
 45 117.1 58.8 176.4



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.949 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

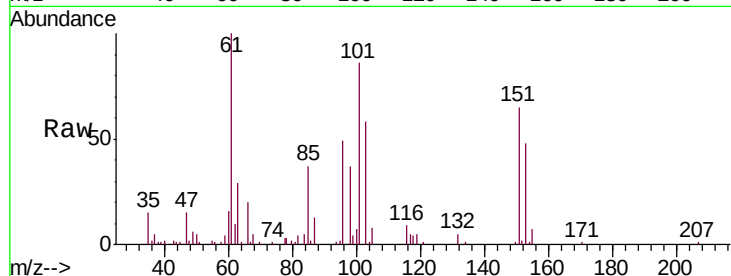
Tgt Ion:101 Resp: 31318

Ion Ratio Lower Upper

101 100

85 46.2 36.2 54.2

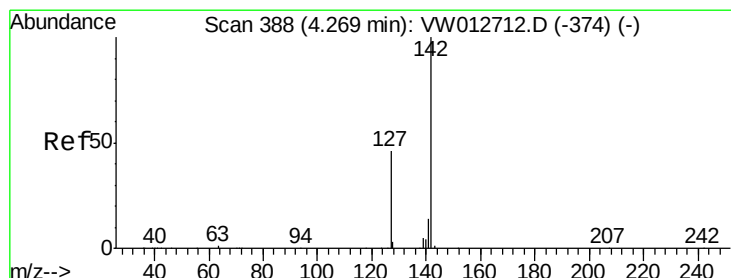
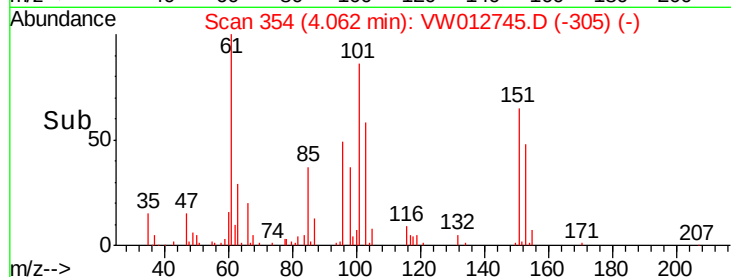
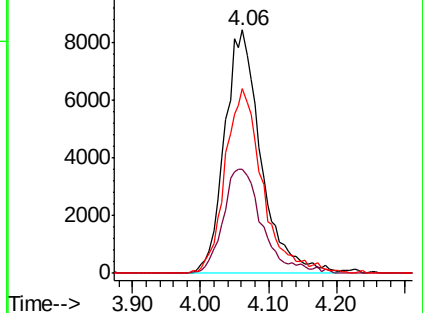
151 78.2 61.9 92.9



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: 22.673 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

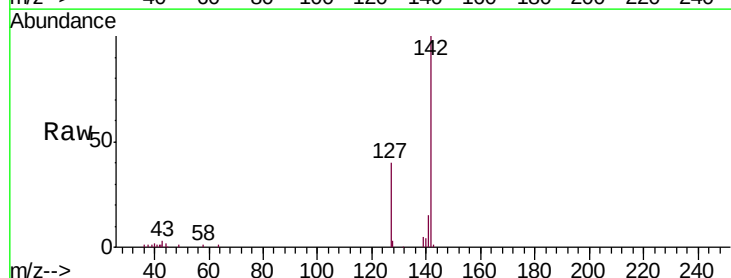
Tgt Ion:142 Resp: 47173

Ion Ratio Lower Upper

142 100

127 45.4 36.0 54.0

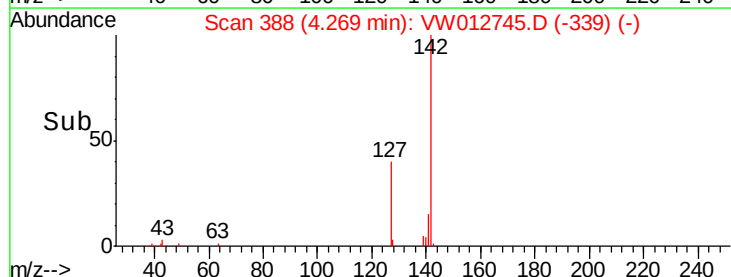
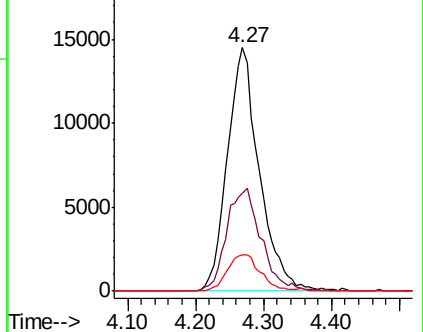
141 15.5 12.2 18.4

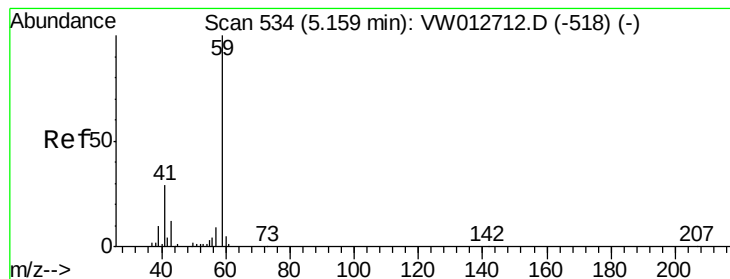


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



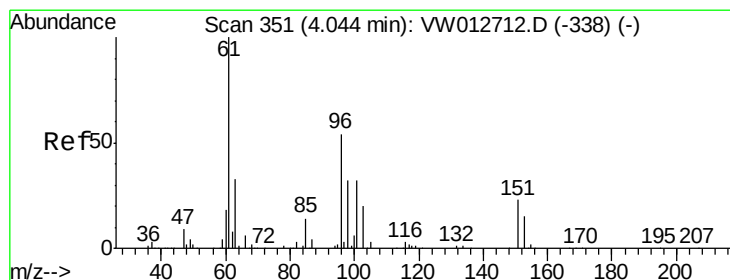
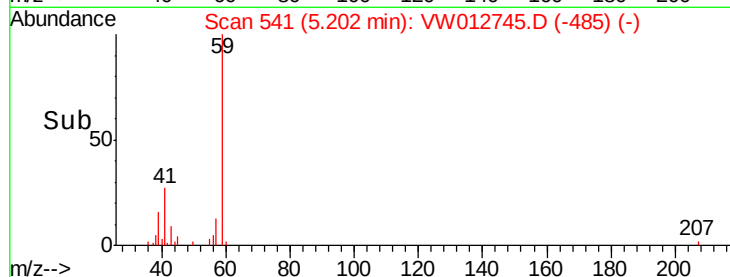
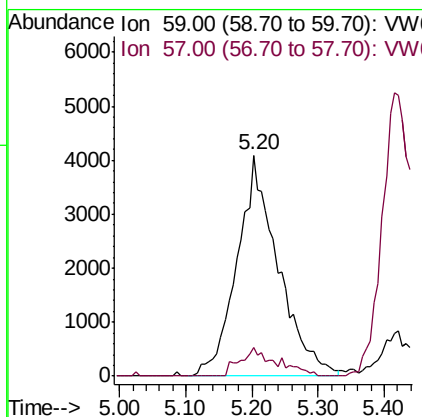
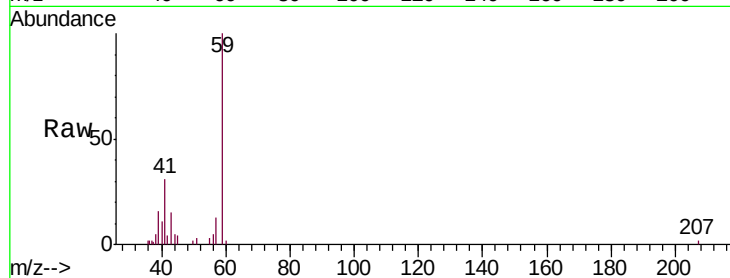


#11

Tert butyl alcohol
 Concen: 109.465 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.04 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

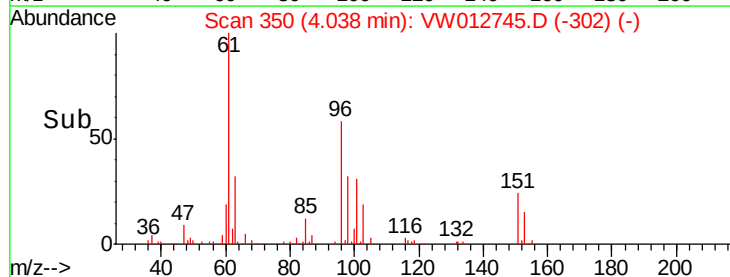
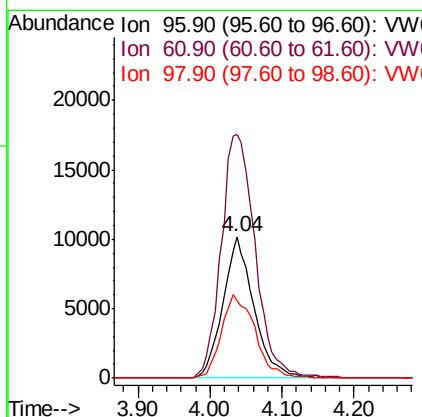
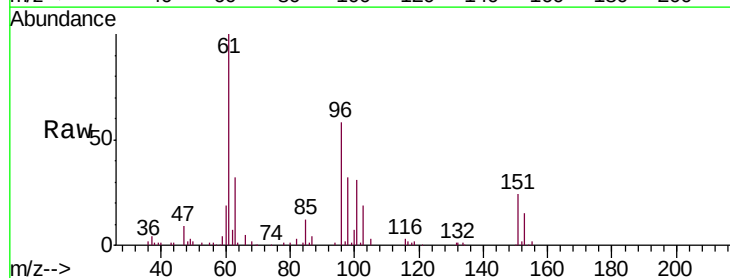
Tgt Ion: 59 Resp: 17679
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.2 12.4

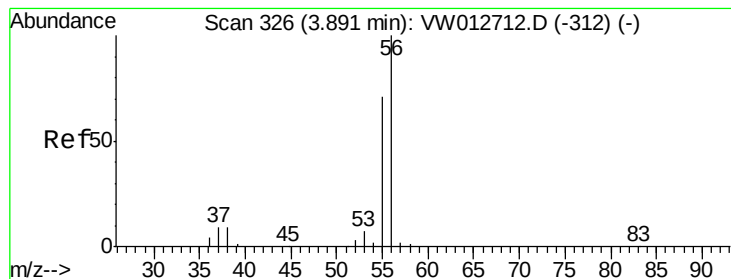


#12

1,1-Dichloroethene
 Concen: 19.469 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion: 96 Resp: 30374
 Ion Ratio Lower Upper
 96 100
 61 172.4 147.8 221.6
 98 54.9 47.9 71.9





#13

Acrolein

Concen: 63.559 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

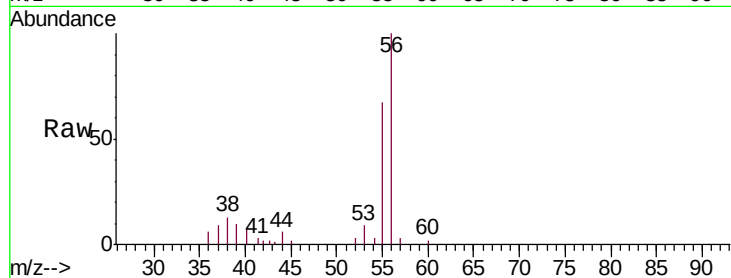
VW0907SBSD02

Tgt Ion: 56 Resp: 10893

Ion Ratio Lower Upper

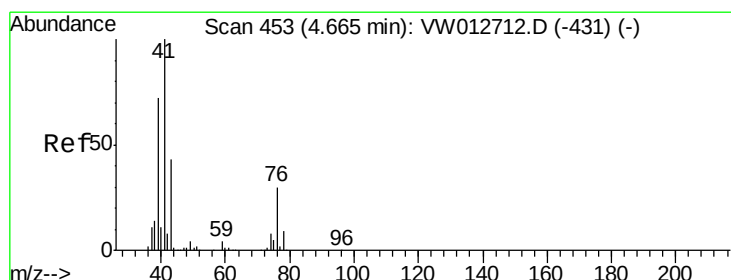
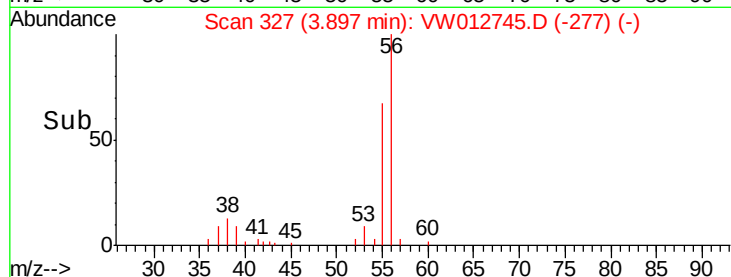
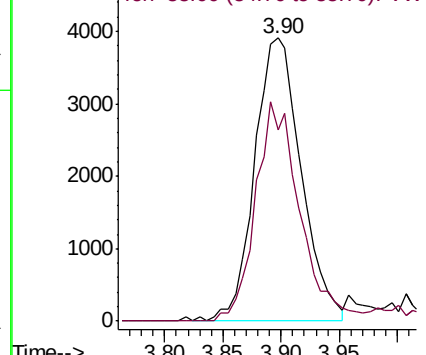
56 100

55 73.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.833 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

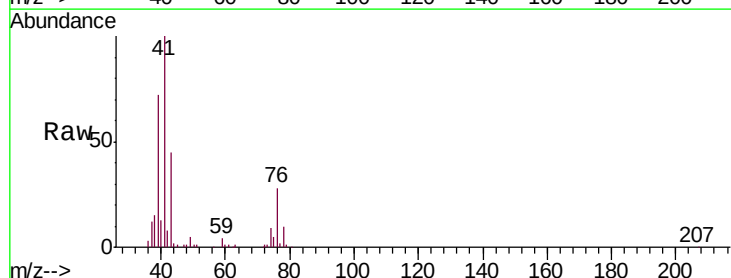
Tgt Ion: 41 Resp: 67237

Ion Ratio Lower Upper

41 100

39 69.5 55.0 82.6

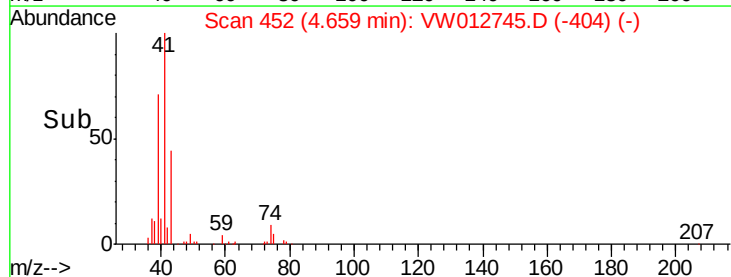
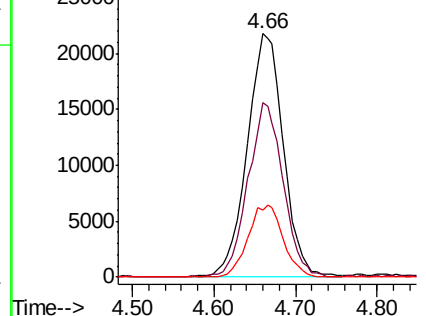
76 28.5 23.0 34.4

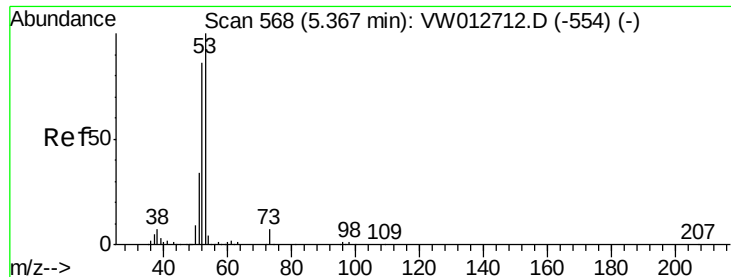


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 113.551 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

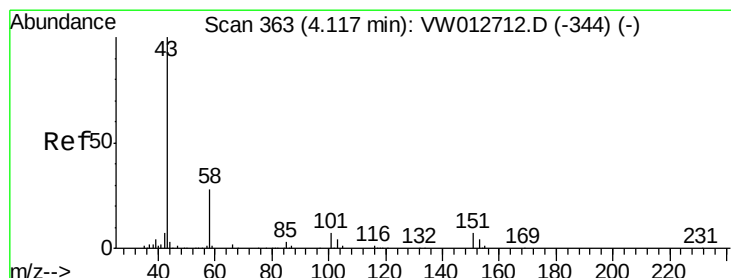
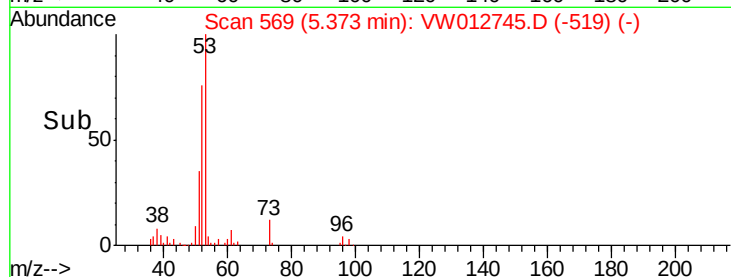
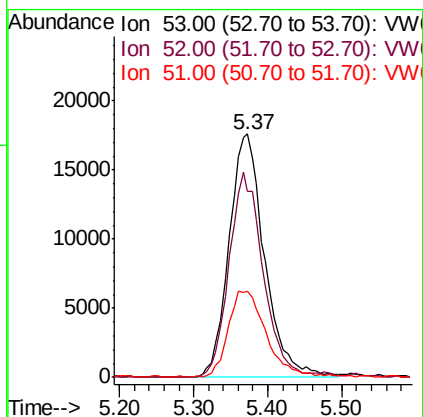
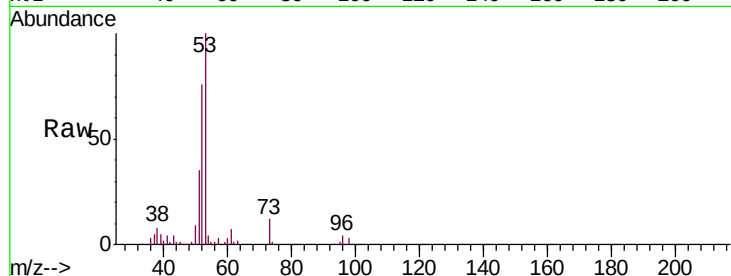
Tgt Ion: 53 Resp: 58705

Ion Ratio Lower Upper

53 100

52 80.5 67.0 100.4

51 38.1 29.8 44.8



#16

Acetone

Concen: 87.973 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012745.D

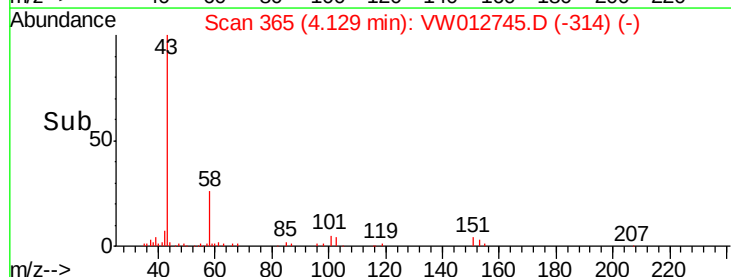
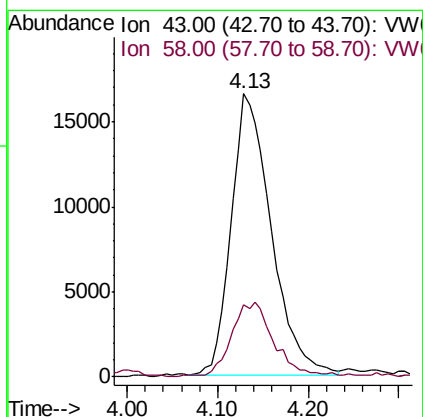
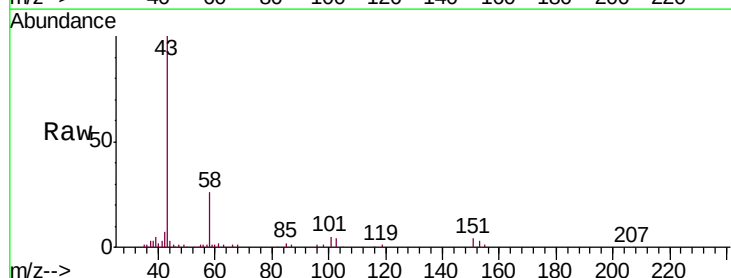
Acq: 08 Sep 2019 04:06

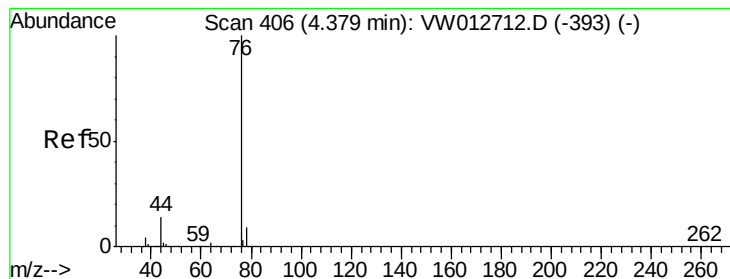
Tgt Ion: 43 Resp: 50625

Ion Ratio Lower Upper

43 100

58 25.1 22.6 33.8





#17

Carbon Disulfide

Concen: 20.285 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

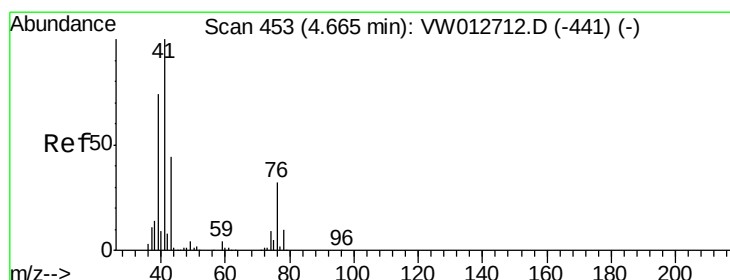
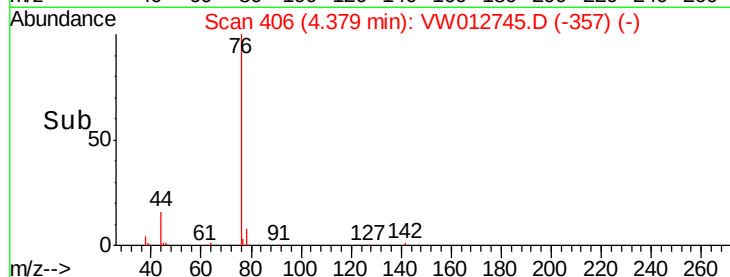
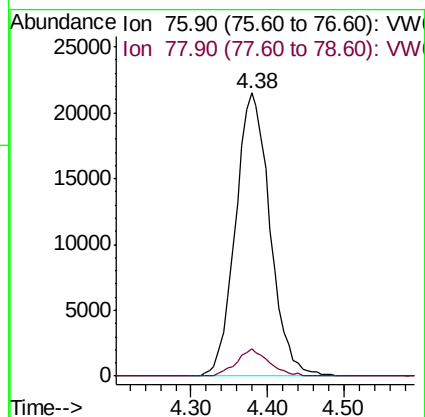
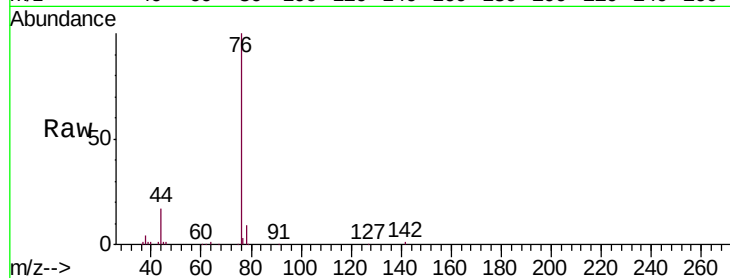
VW0907SBSD02

Tgt Ion: 76 Resp: 67178

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



#18

Methyl Acetate

Concen: 27.782 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012745.D

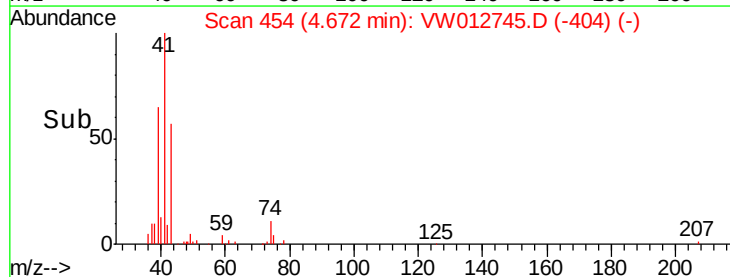
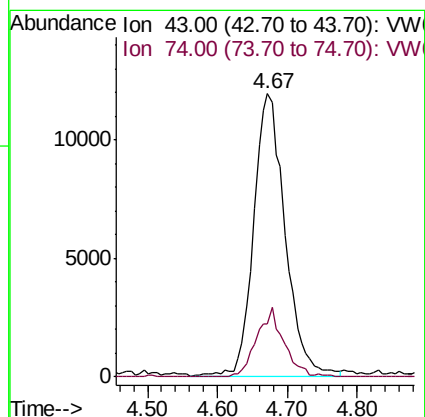
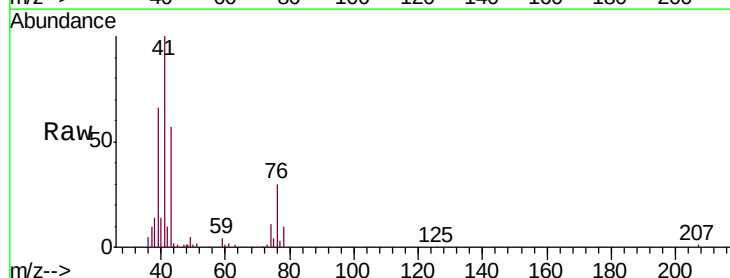
Acq: 08 Sep 2019 04:06

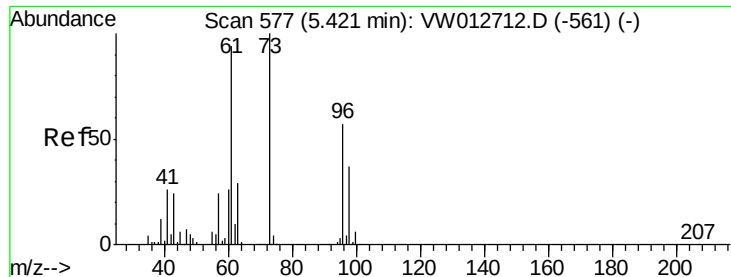
Tgt Ion: 43 Resp: 37509

Ion Ratio Lower Upper

43 100

74 20.8 15.8 23.6

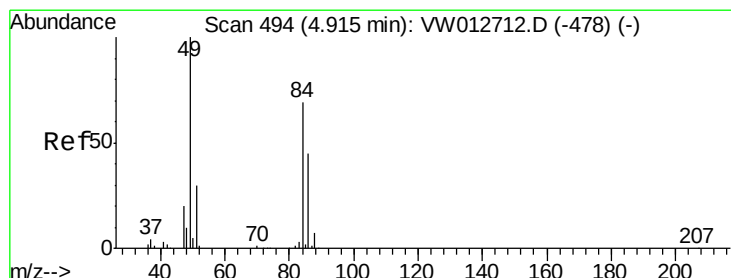
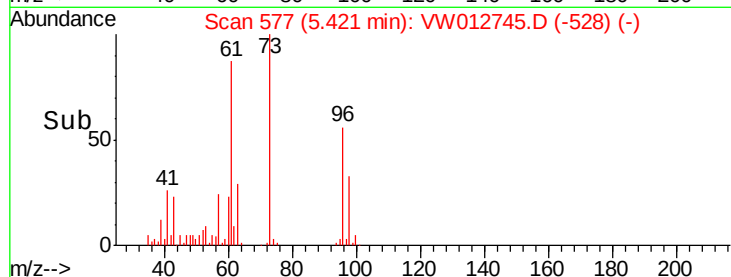
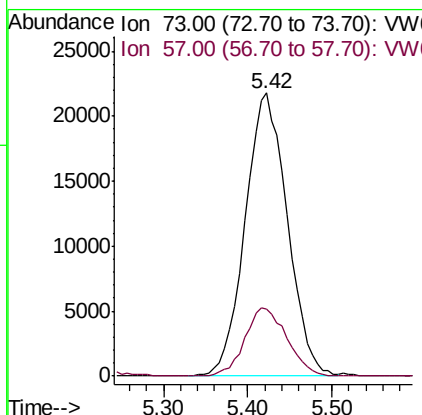
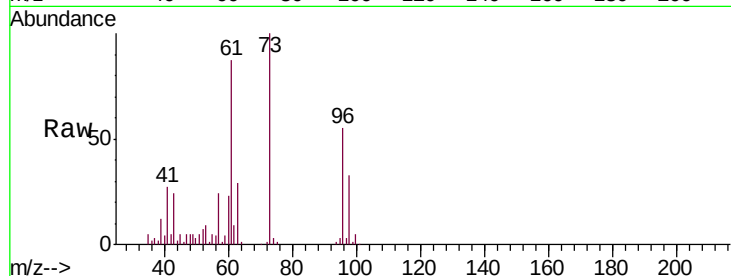




#19
Methyl tert-butyl Ether
Concen: 24.037 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

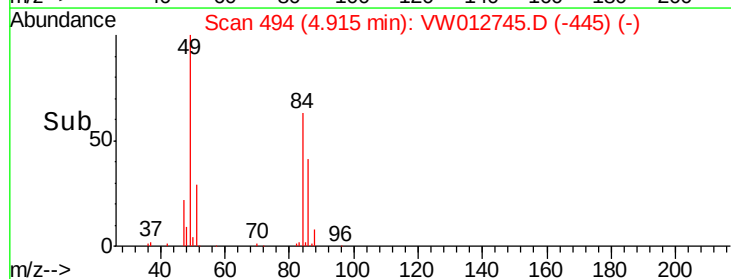
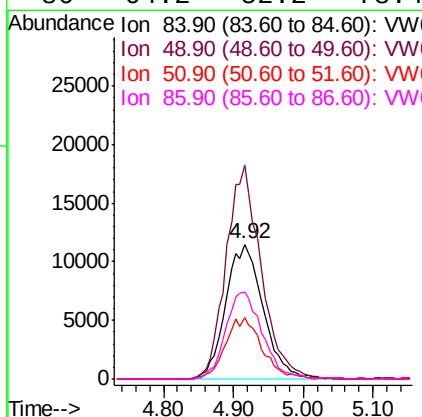
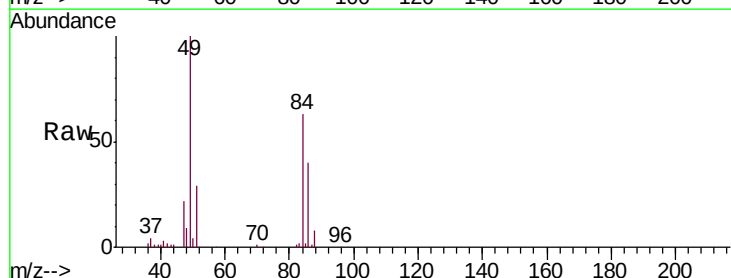
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

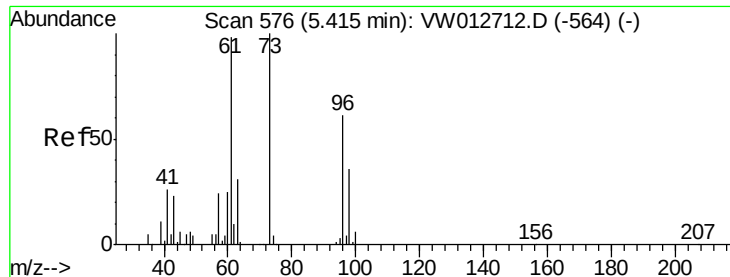
Tgt Ion: 73 Resp: 74372
Ion Ratio Lower Upper
73 100
57 23.9 19.2 28.8



#20
Methylene Chloride
Concen: 23.738 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 84 Resp: 42737
Ion Ratio Lower Upper
84 100
49 158.6 115.4 173.0
51 45.6 34.9 52.3
86 64.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.866 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

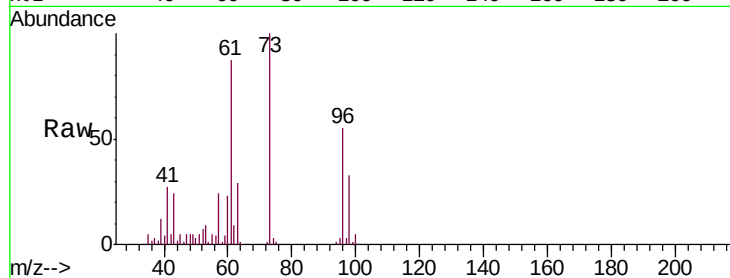
Tgt Ion: 96 Resp: 34809

Ion Ratio Lower Upper

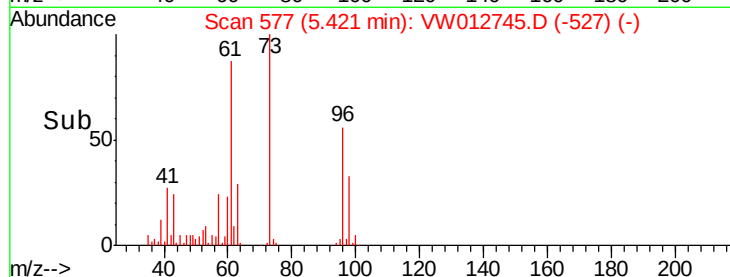
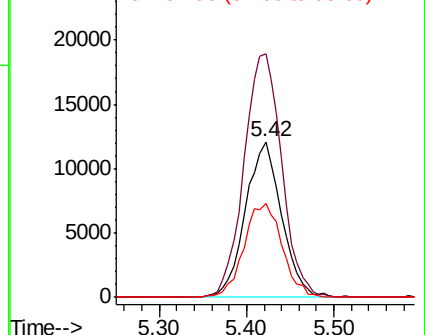
96 100

61 156.8 129.2 193.8

98 60.2 48.0 72.0



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



#22

Diisopropyl ether

Concen: 24.364 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion: 45 Resp: 155954

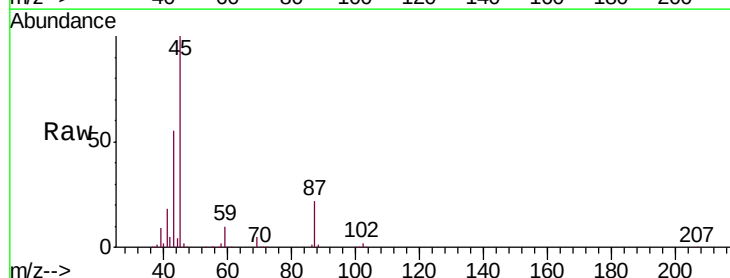
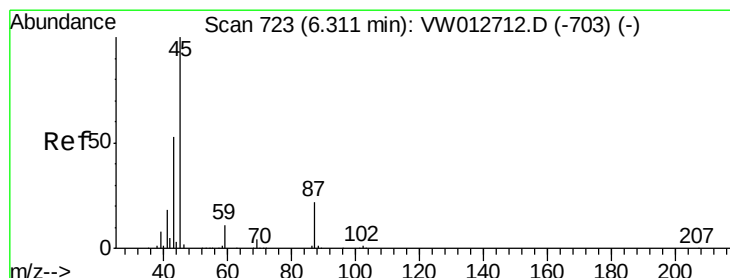
Ion Ratio Lower Upper

45 100

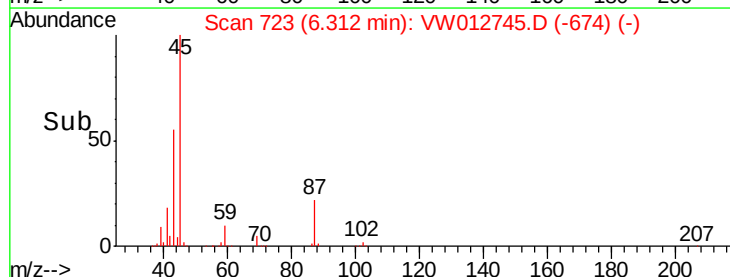
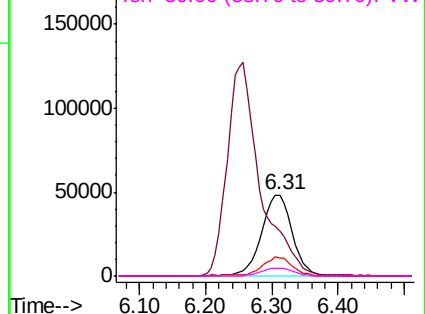
43 54.6 42.3 63.5

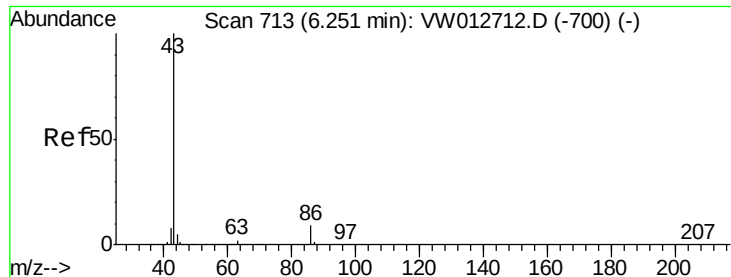
87 22.0 18.2 27.2

59 9.8 8.5 12.7



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: 108.573 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

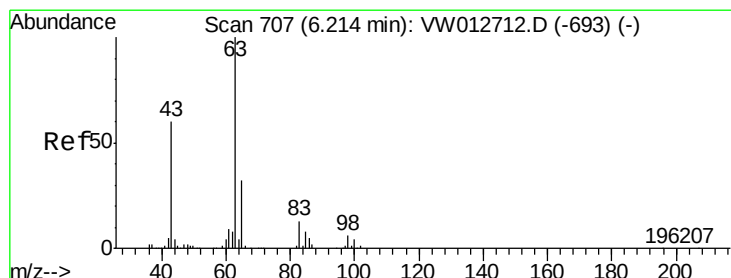
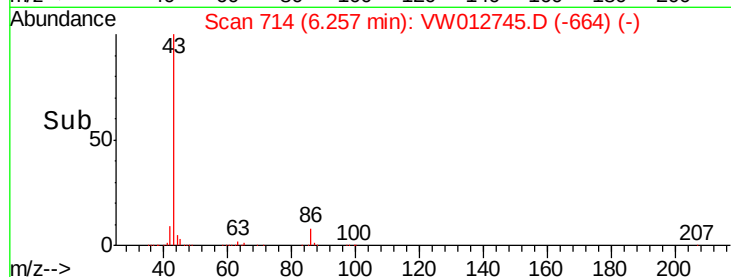
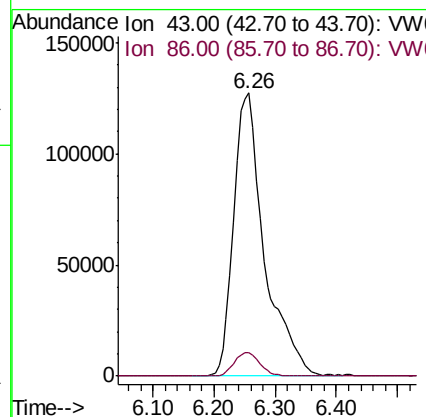
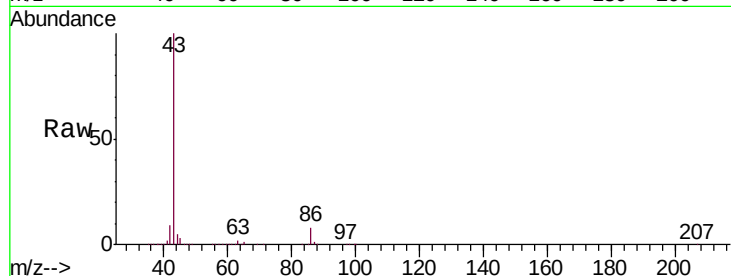
VW0907SBSD02

Tgt Ion: 43 Resp: 440442

Ion Ratio Lower Upper

43 100

86 8.4 7.0 10.6



#24

1,1-Dichloroethane

Concen: 22.961 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

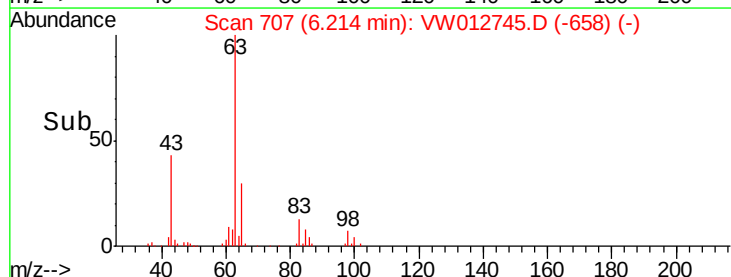
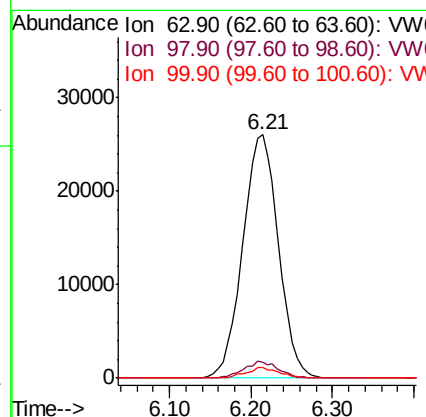
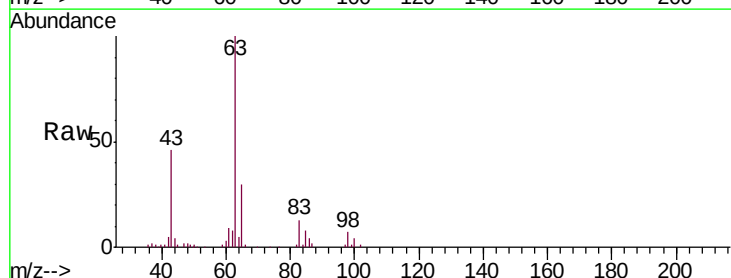
Tgt Ion: 63 Resp: 79138

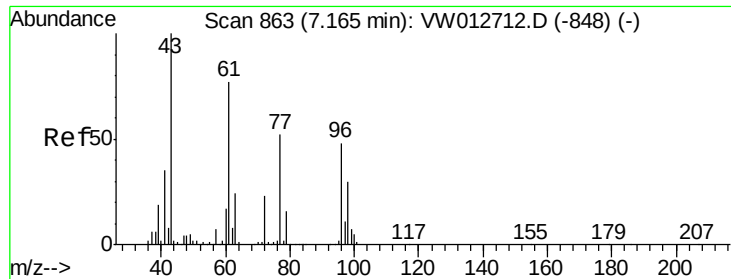
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.3

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 105.435 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

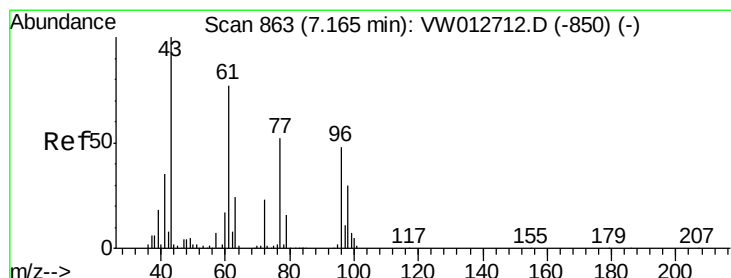
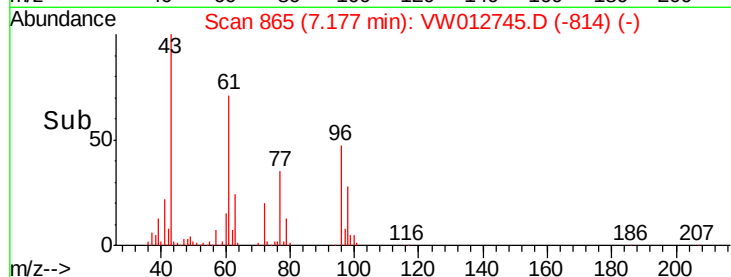
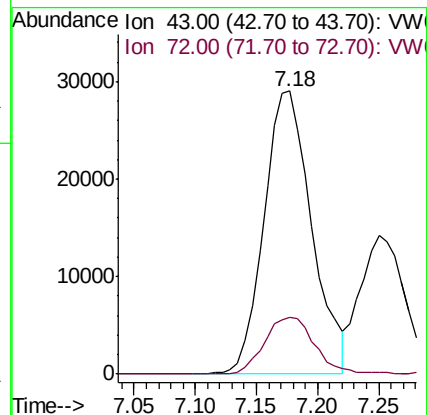
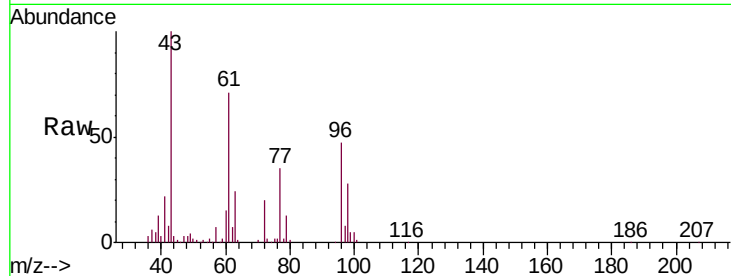
VW0907SBSD02

Tgt Ion: 43 Resp: 78870

Ion Ratio Lower Upper

43 100

72 20.1 18.0 27.0



#26

2,2-Dichloropropane

Concen: 17.877 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012745.D

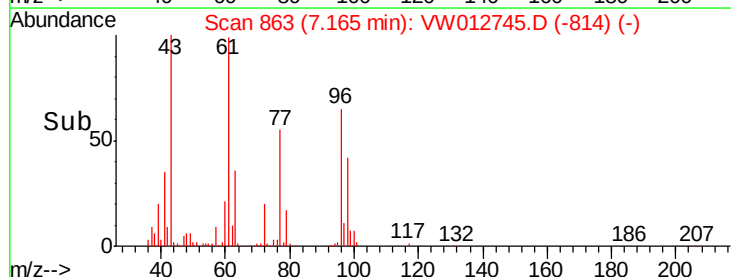
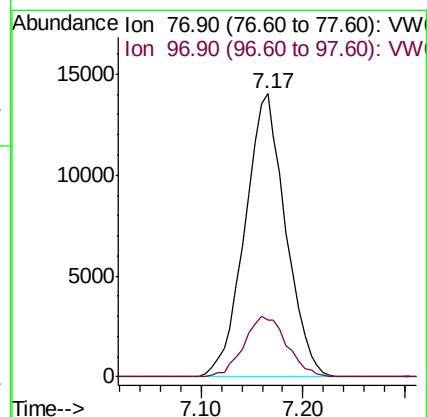
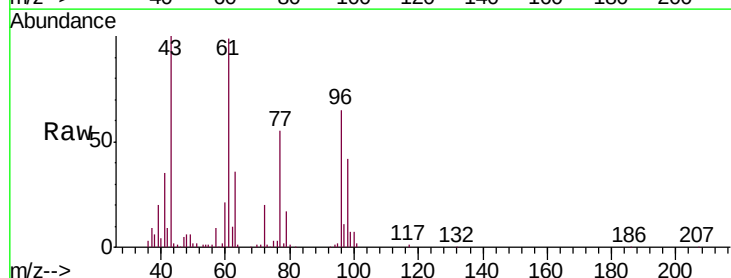
Acq: 08 Sep 2019 04:06

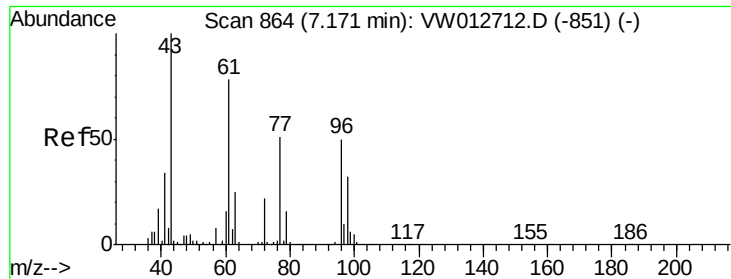
Tgt Ion: 77 Resp: 38915

Ion Ratio Lower Upper

77 100

97 22.4 10.7 32.1

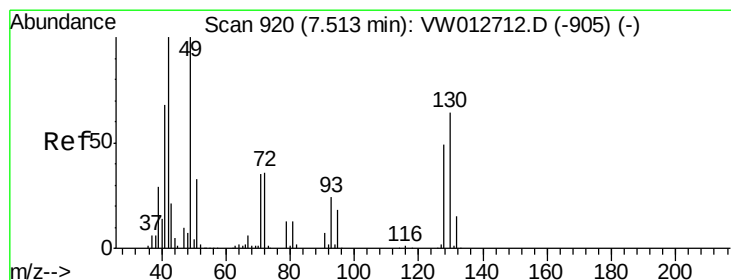
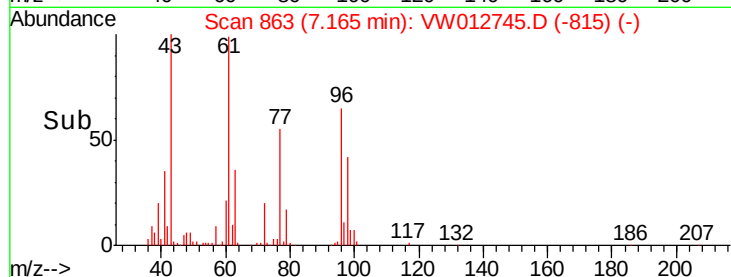
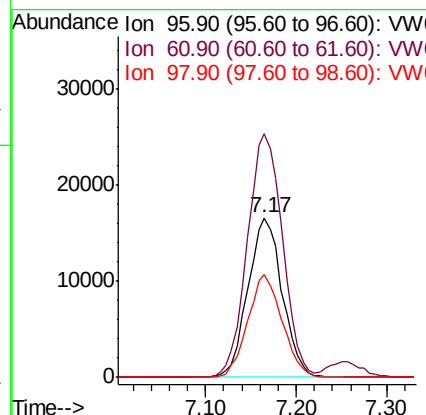
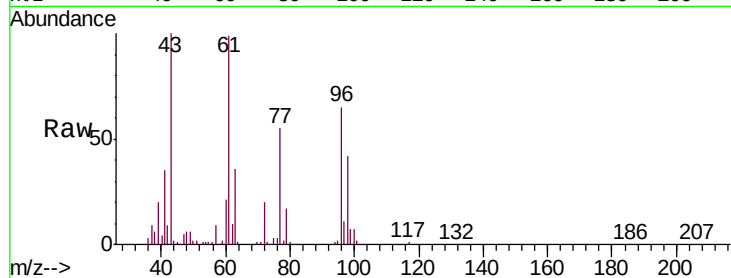




#27
 cis-1,2-Dichloroethene
 Concen: 23.540 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

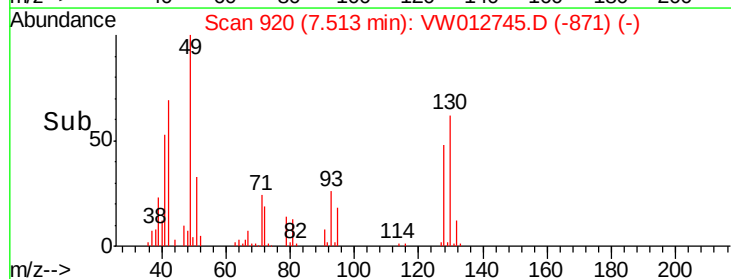
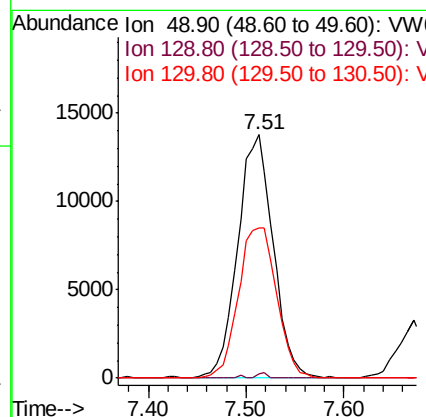
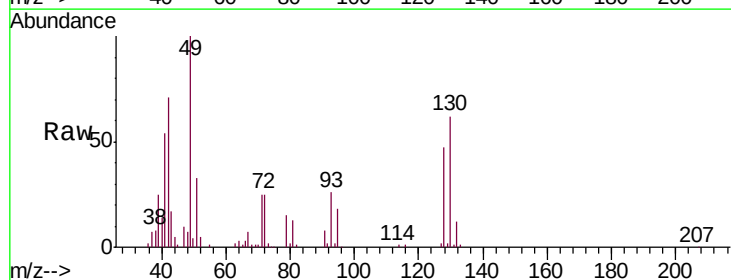
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

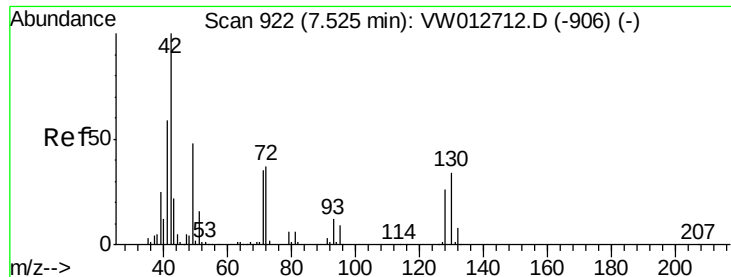
Tgt Ion: 96 Resp: 43450
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 325.8
 98 64.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 21.954 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion: 49 Resp: 34744
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 0.8
 130 66.6 49.8 74.8

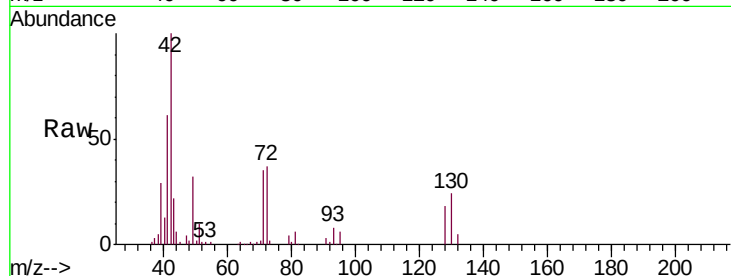




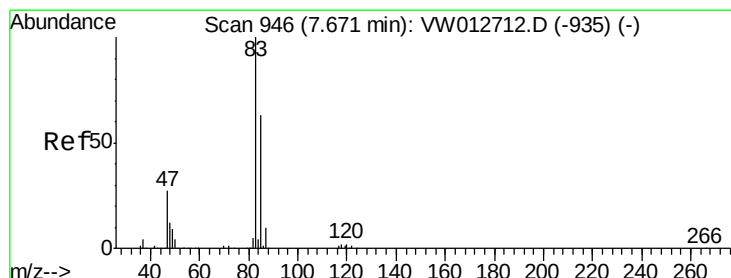
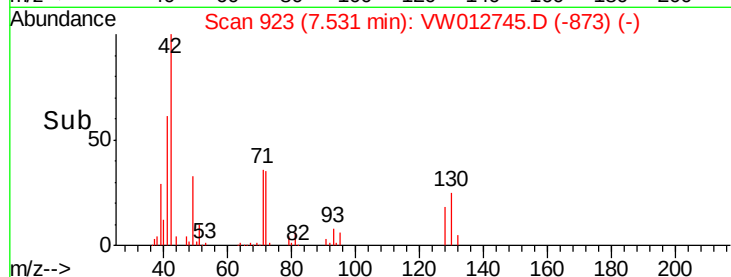
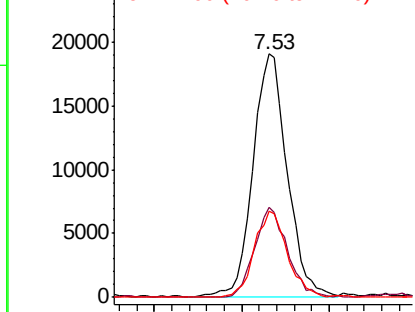
#29
Tetrahydrofuran
Concen: 111.939 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tgt Ion: 42 Resp: 52019
Ion Ratio Lower Upper
42 100
72 35.3 28.4 42.6
71 34.0 27.1 40.7

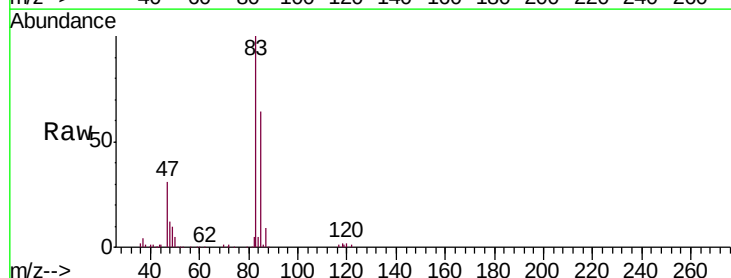


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

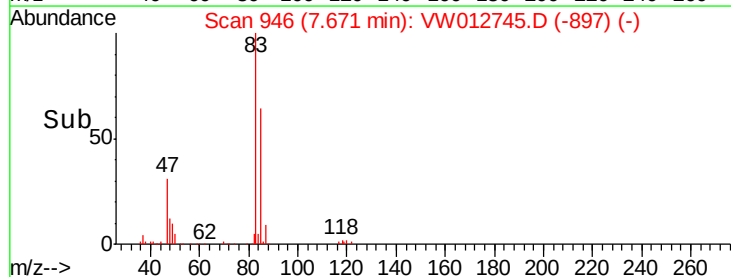
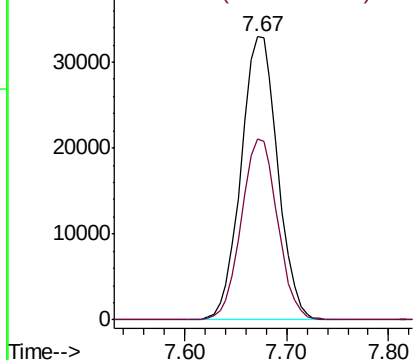


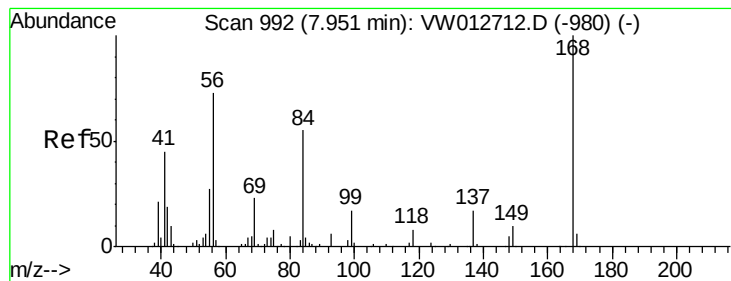
#30
Chloroform
Concen: 24.113 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 83 Resp: 82363
Ion Ratio Lower Upper
83 100
85 64.1 50.6 76.0



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





#31

Cyclohexane

Concen: 18.818 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleID :

VW0907SBSD02

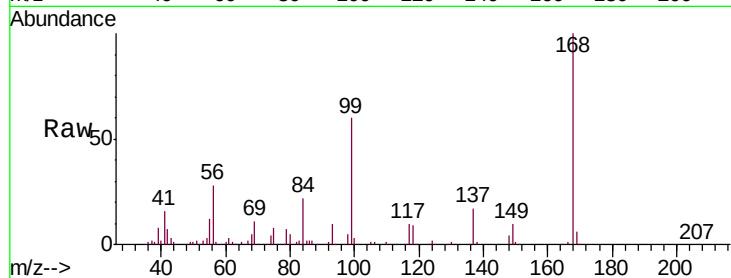
Tgt Ion: 56 Resp: 58389

Ion Ratio Lower Upper

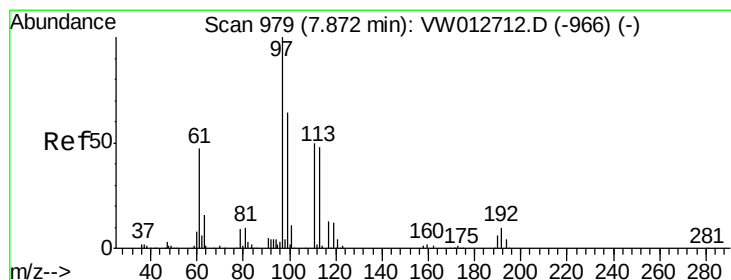
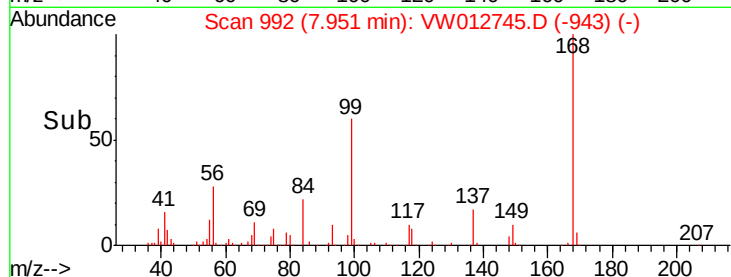
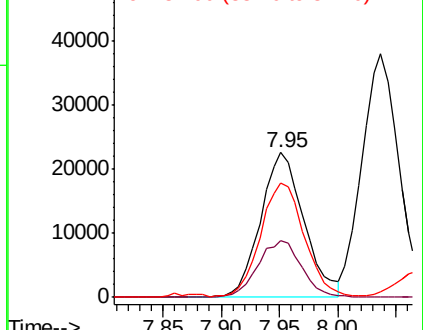
56 100

69 38.8 25.7 38.5#

84 76.7 60.4 90.6



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: 21.702 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

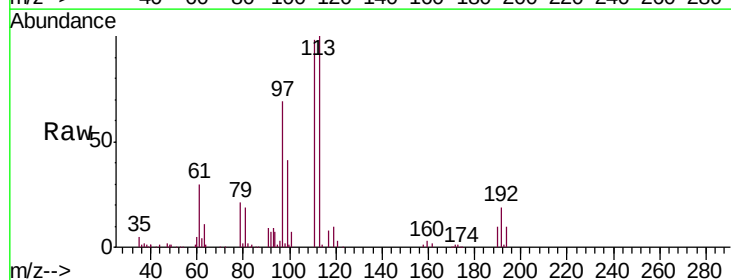
Tgt Ion: 97 Resp: 60089

Ion Ratio Lower Upper

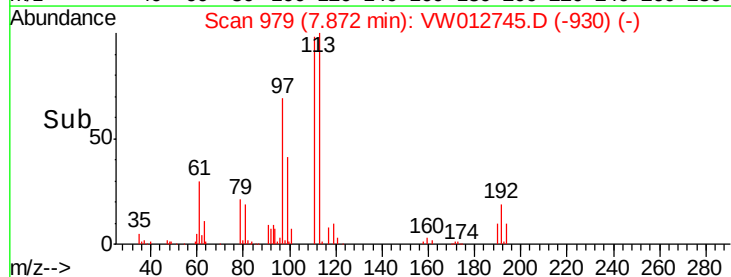
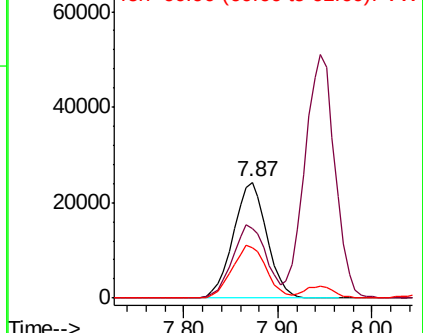
97 100

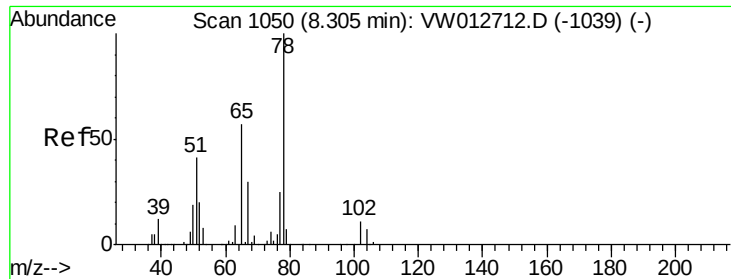
99 63.2 51.5 77.3

61 46.8 37.9 56.9



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

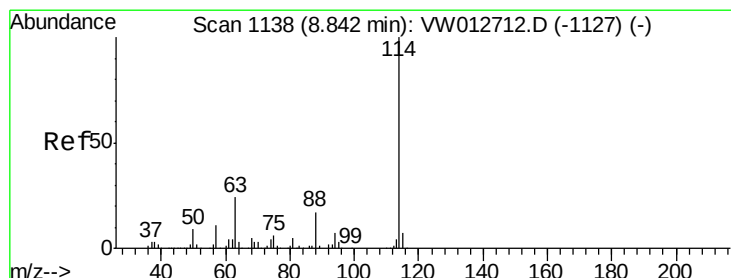
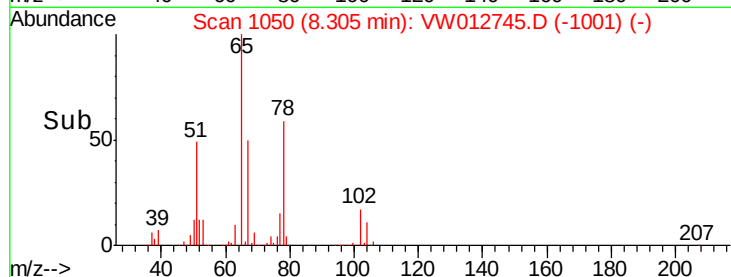
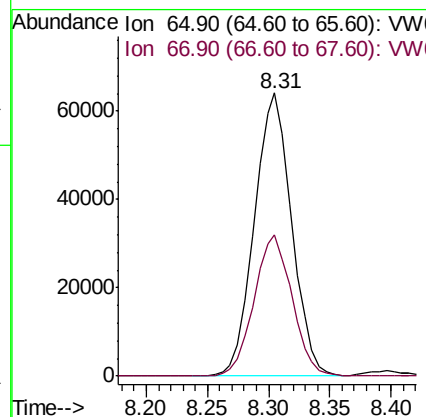
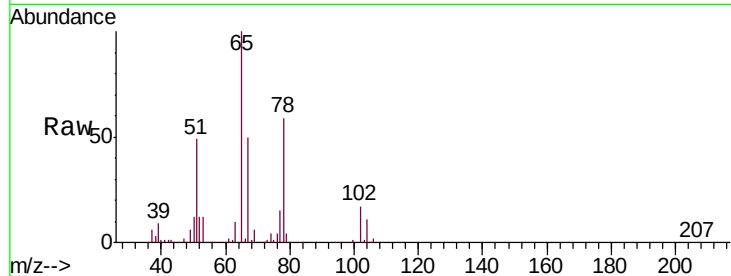




#33
 1,2-Dichloroethane-d4
 Concen: 64.415 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

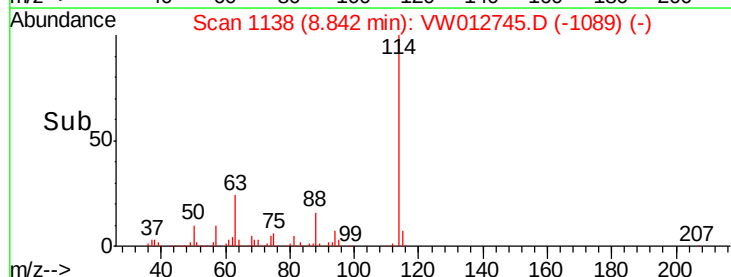
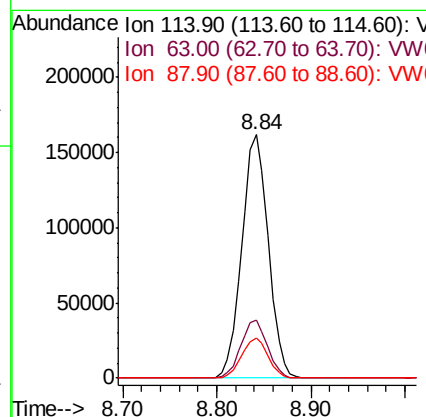
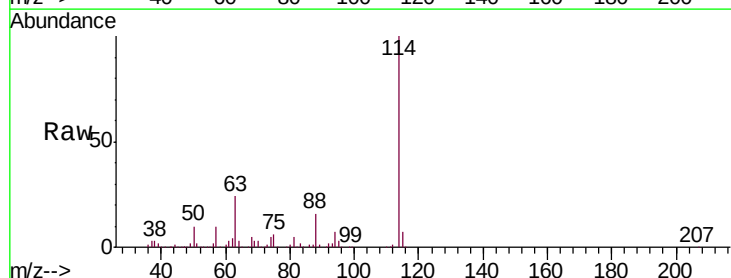
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

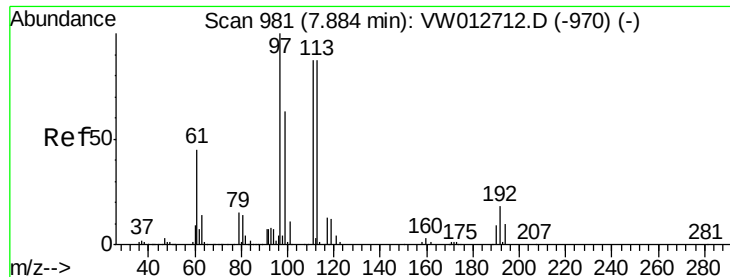
Tgt Ion: 65 Resp: 135972
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion: 114 Resp: 315886
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.2
 88 16.3 0.0 34.0

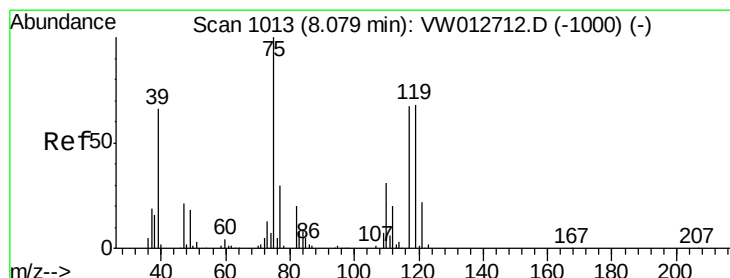
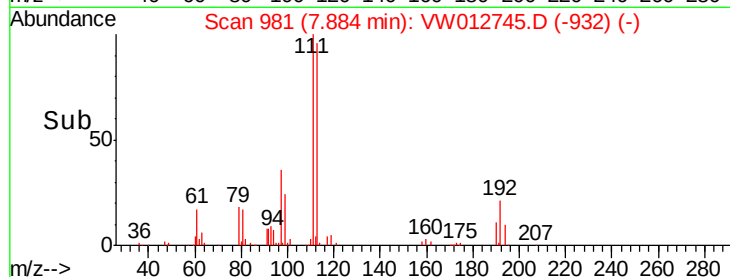
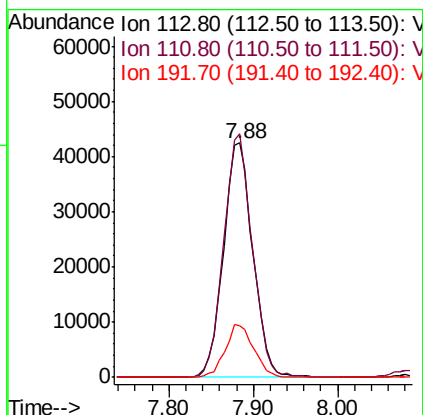
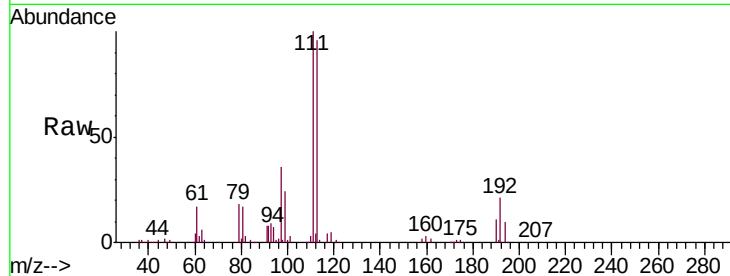




#35
 Dibromofluoromethane
 Concen: 53.693 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

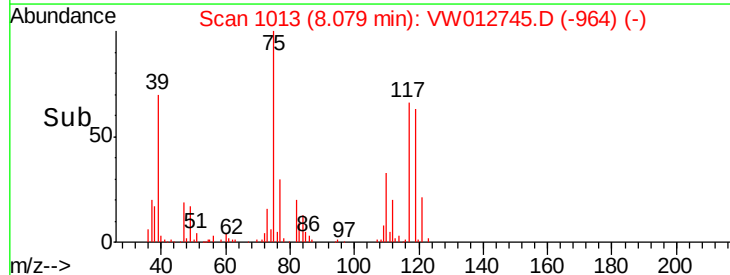
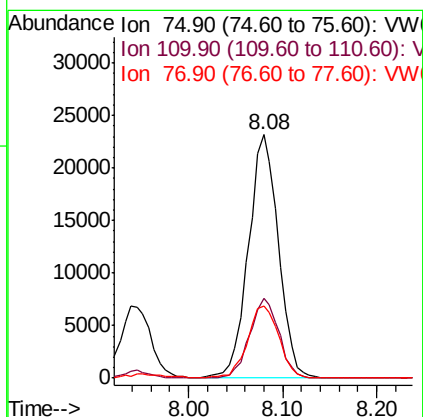
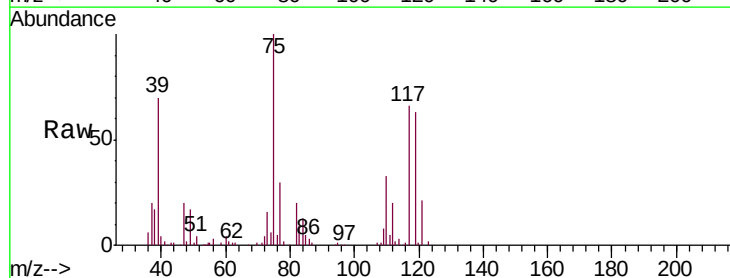
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

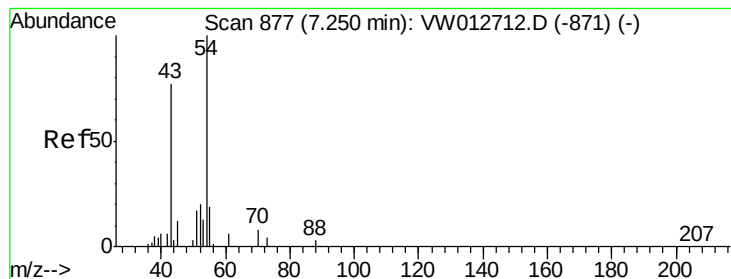
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.2	120.4
192	21.7	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 18.383 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.8	15.9	47.7
77	31.0	25.0	37.4





#37

Ethyl Acetate

Concen: 20.819 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

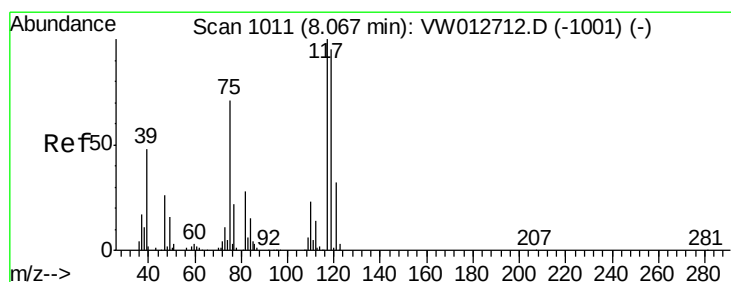
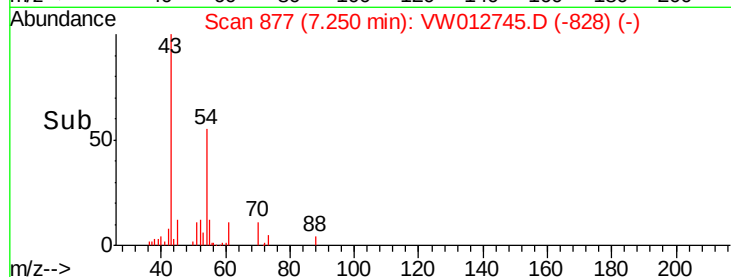
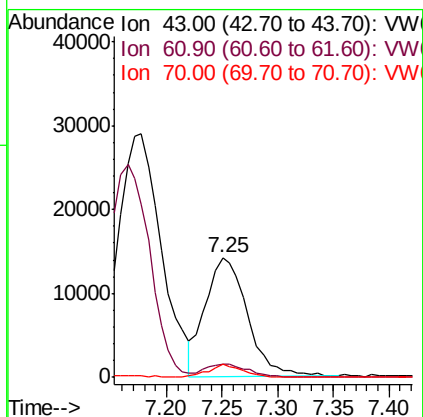
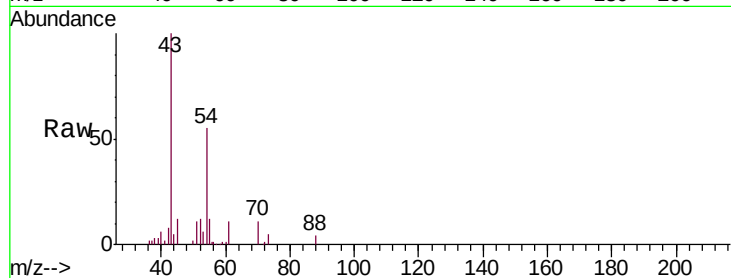
Tgt Ion: 43 Resp: 37250

Ion Ratio Lower Upper

43 100

61 11.7 9.5 14.3

70 9.1 7.0 10.6



#38

Carbon Tetrachloride

Concen: 18.860 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

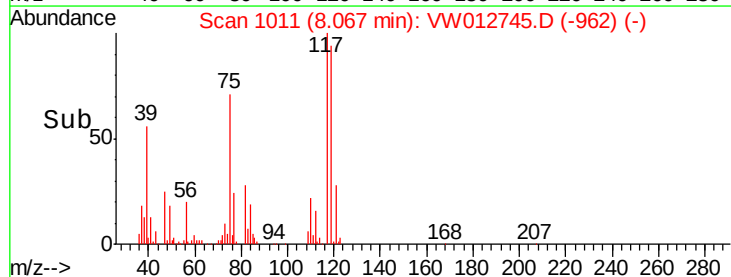
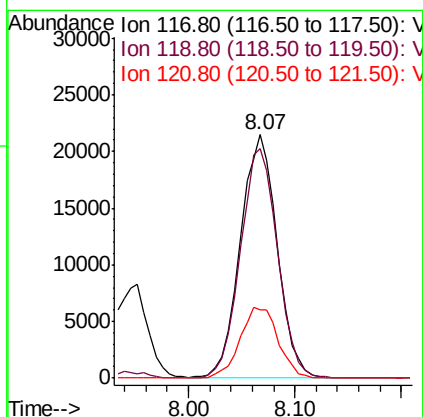
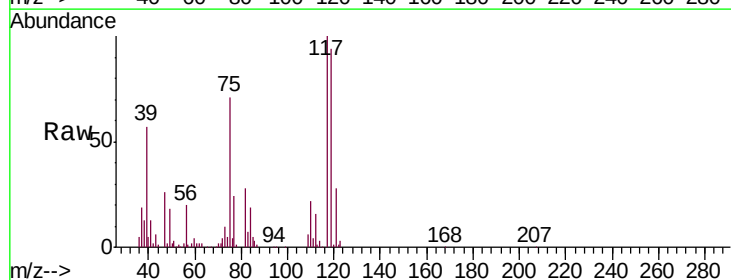
Tgt Ion: 117 Resp: 52181

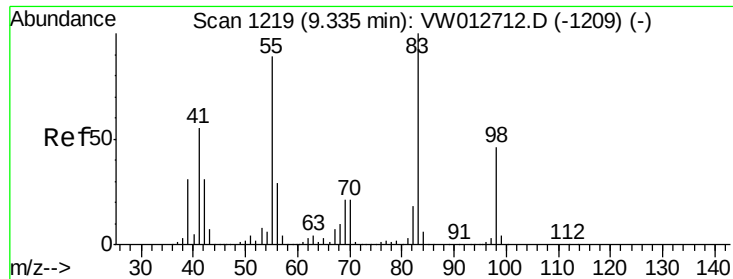
Ion Ratio Lower Upper

117 100

119 94.5 76.2 114.2

121 28.2 25.4 38.2

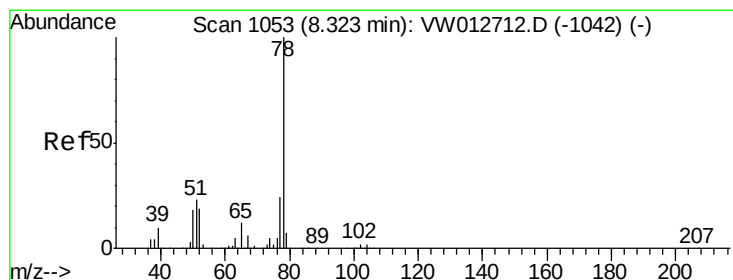
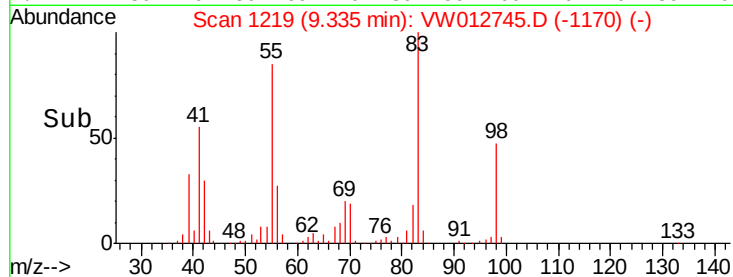
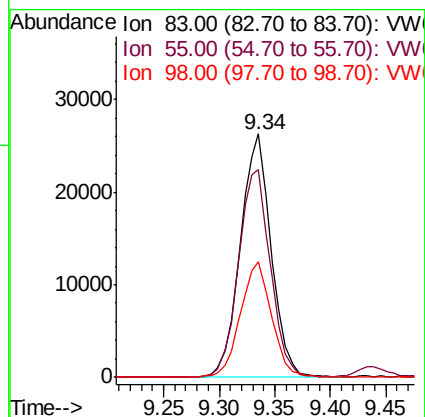
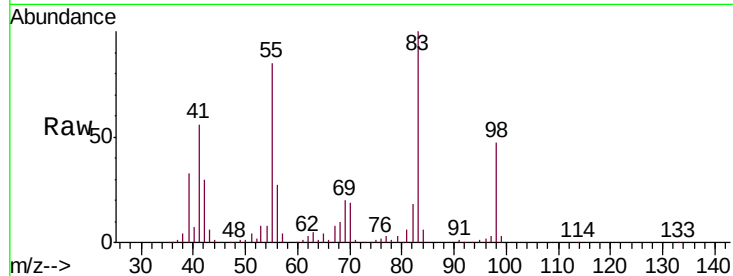




#39
Methylcyclohexane
Concen: 16.001 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

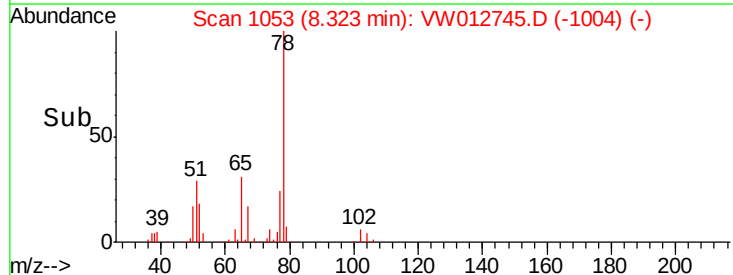
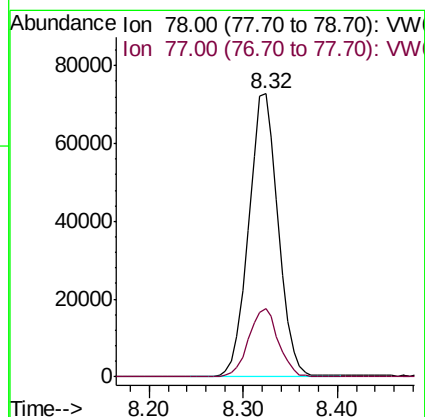
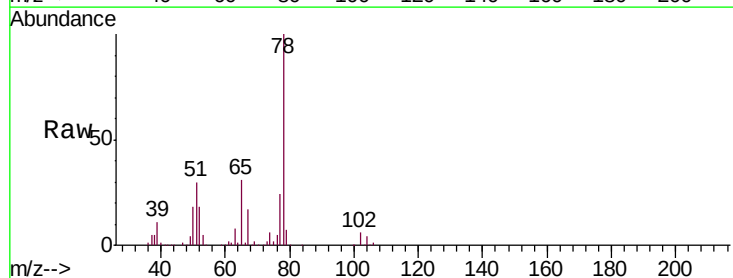
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

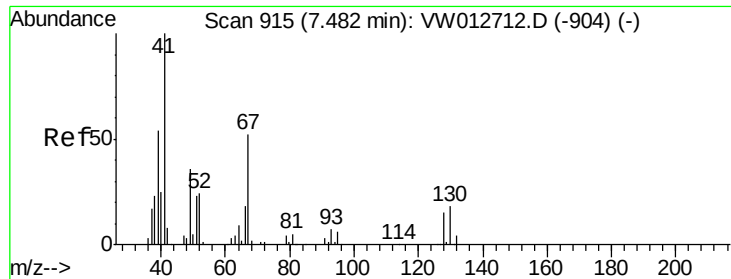
Tgt Ion: 83 Resp: 50441
Ion Ratio Lower Upper
83 100
55 85.3 71.0 106.4
98 47.3 36.9 55.3



#40
Benzene
Concen: 20.603 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 78 Resp: 160441
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

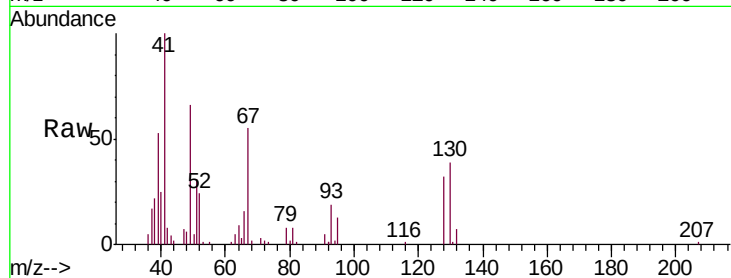




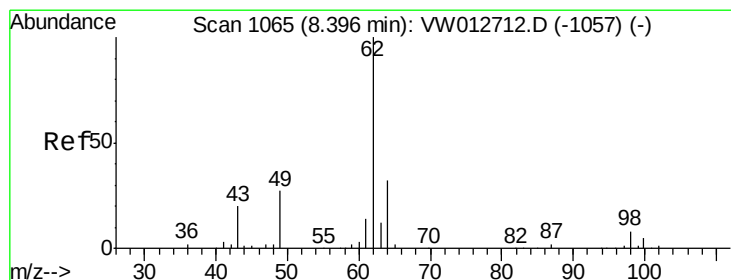
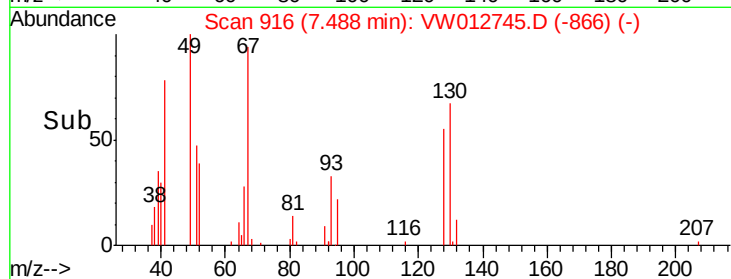
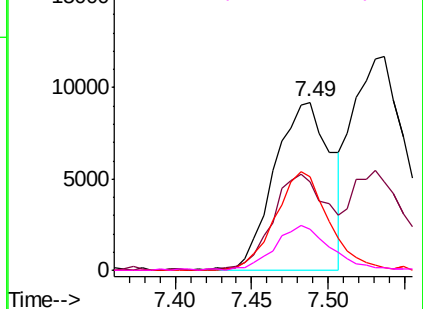
#41
Methacrylonitrile
Concen: 21.844 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tgt Ion:	41	Resp:	23720
Ion	Ratio	Lower	Upper
41	100		
39	55.9	47.5	71.3
67	55.5	45.1	67.7
52	26.4	20.2	30.2

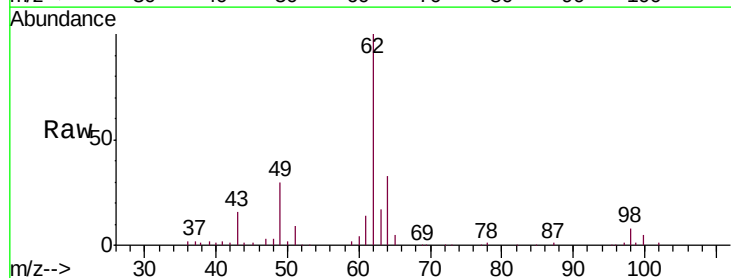


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

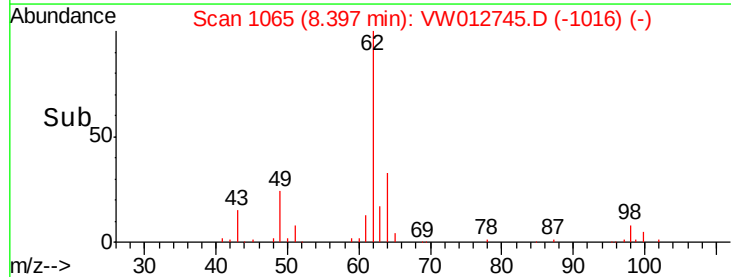
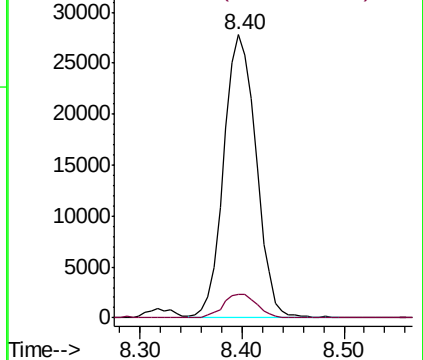


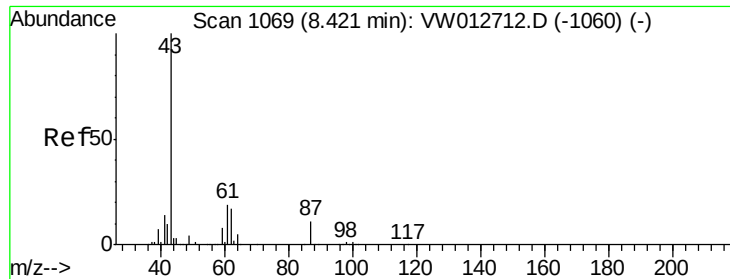
#42
1,2-Dichloroethane
Concen: 22.331 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion:	62	Resp:	61200
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.2



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

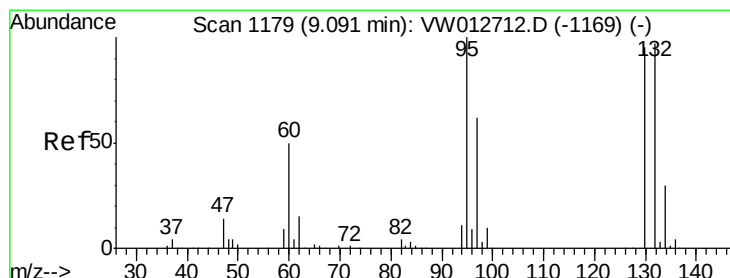
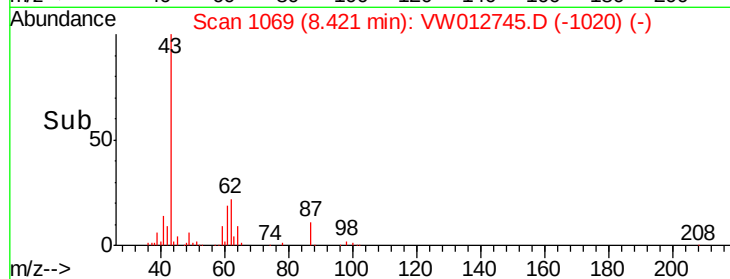
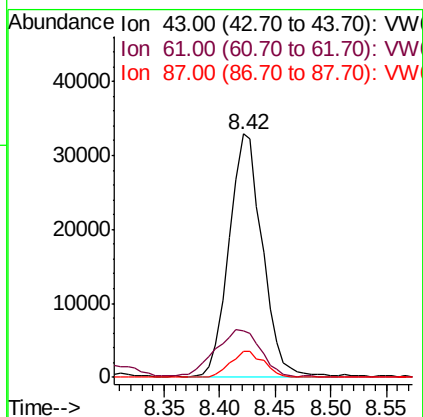
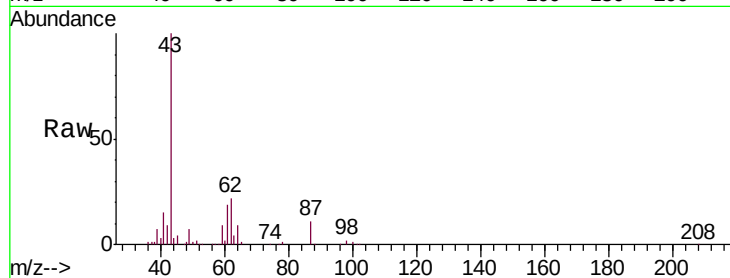




#43
Isopropyl Acetate
Concen: 20.315 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

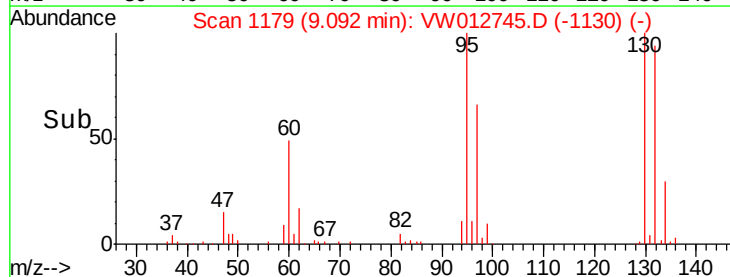
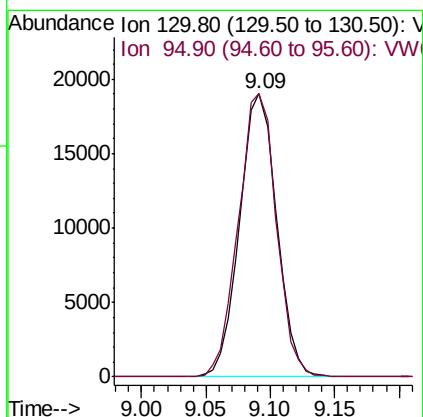
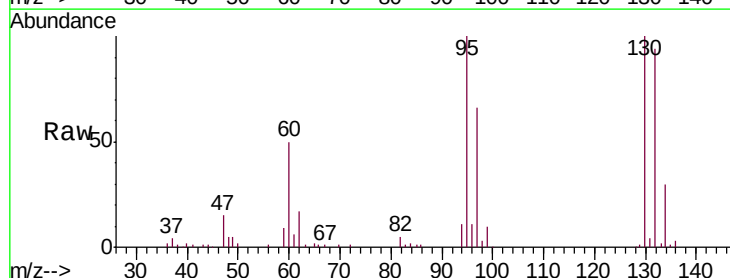
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

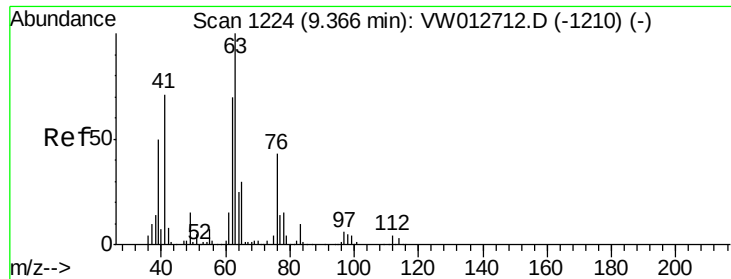
Tgt Ion: 43 Resp: 68863
Ion Ratio Lower Upper
43 100
61 26.7 20.6 30.8
87 10.6 8.6 13.0



#44
Trichloroethene
Concen: 18.881 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 130 Resp: 37900
Ion Ratio Lower Upper
130 100
95 100.0 0.0 210.6

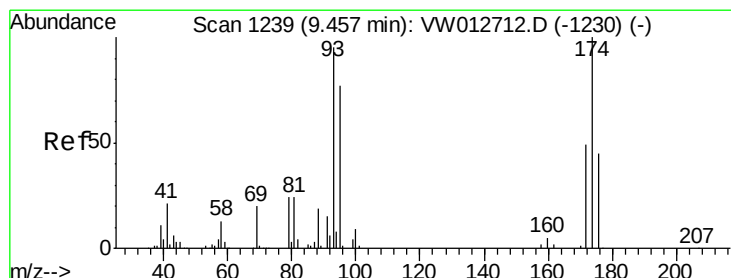
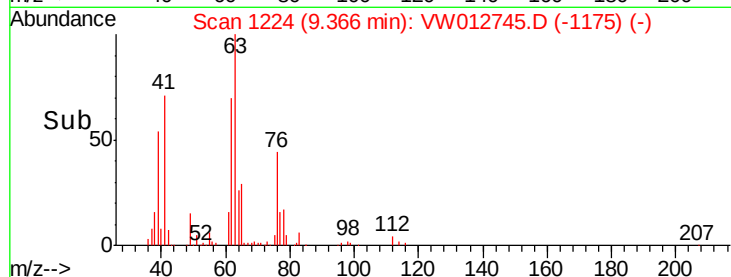
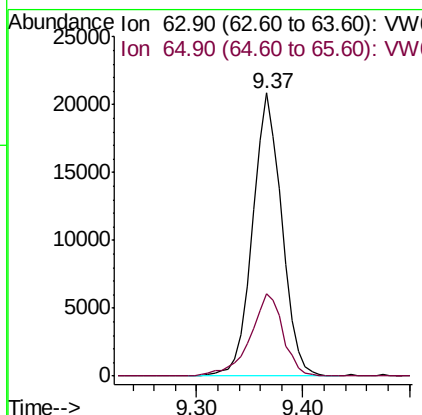
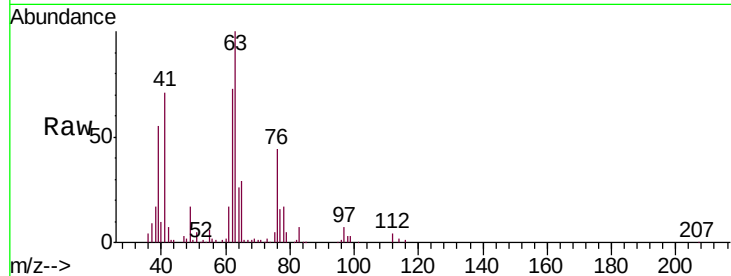




#45
 1,2-Dichloropropane
 Concen: 18.601 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

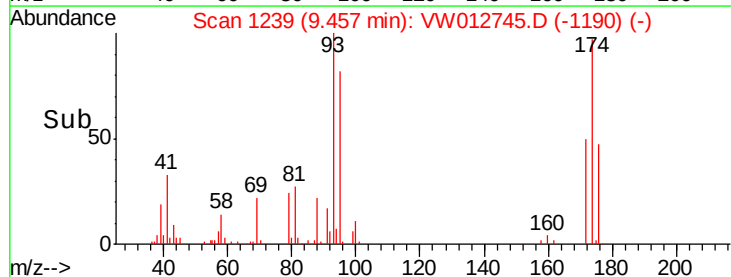
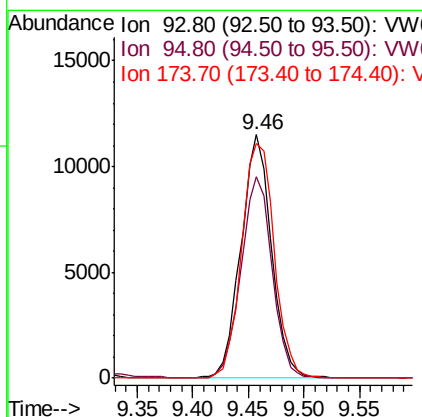
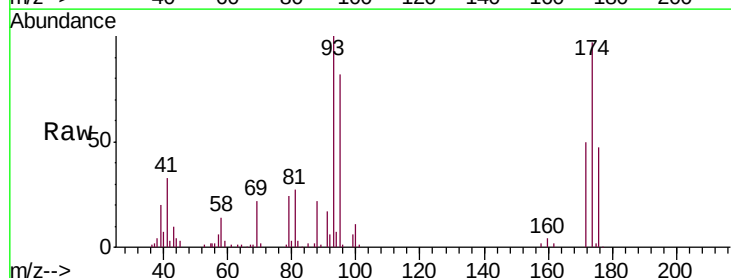
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

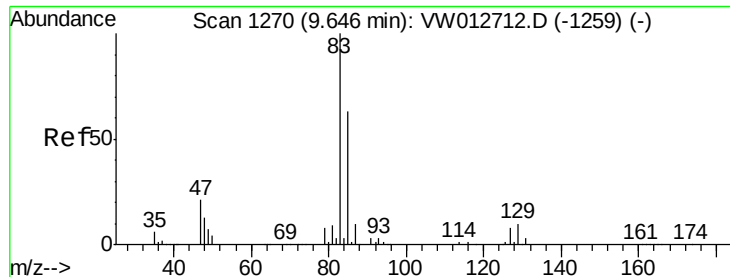
Tgt Ion: 63 Resp: 40175
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.8 35.8



#46
 Dibromomethane
 Concen: 21.474 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion: 93 Resp: 21963
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.2 97.8
 174 103.0 84.2 126.4





#47

Bromodichloromethane

Concen: 21.229 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

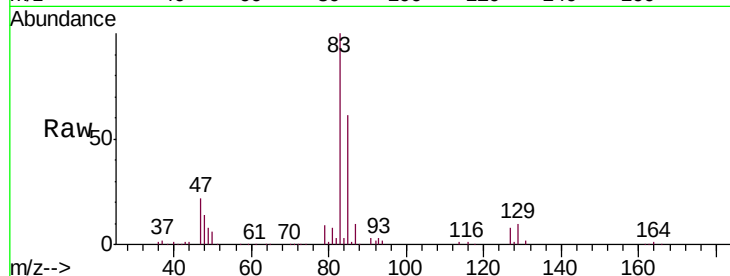
Tgt Ion: 83 Resp: 59736

Ion Ratio Lower Upper

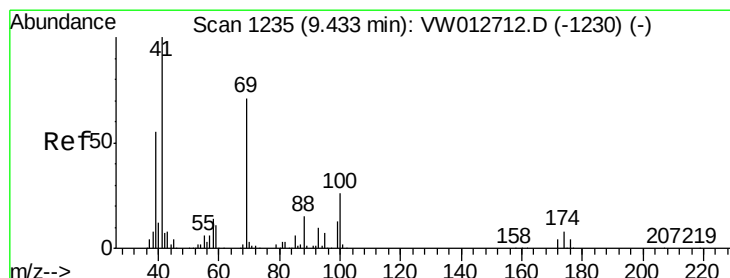
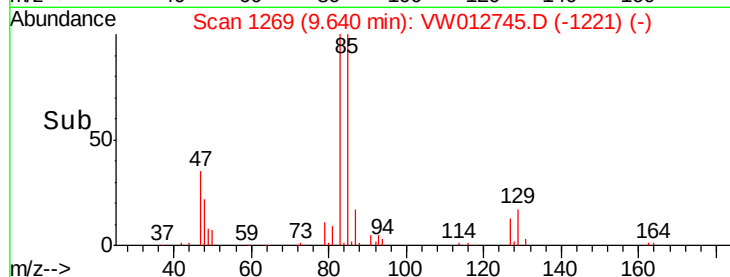
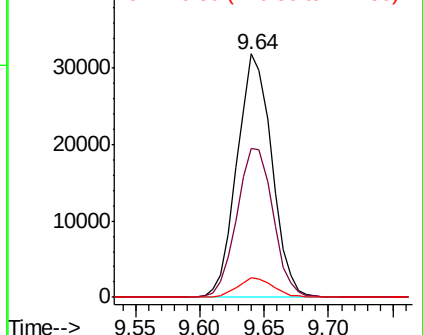
83 100

85 61.0 50.2 75.2

127 7.8 6.6 9.8



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



#48

Methyl methacrylate

Concen: 20.908 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

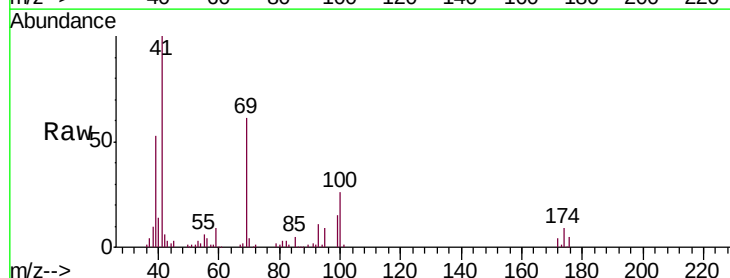
Tgt Ion: 41 Resp: 33869

Ion Ratio Lower Upper

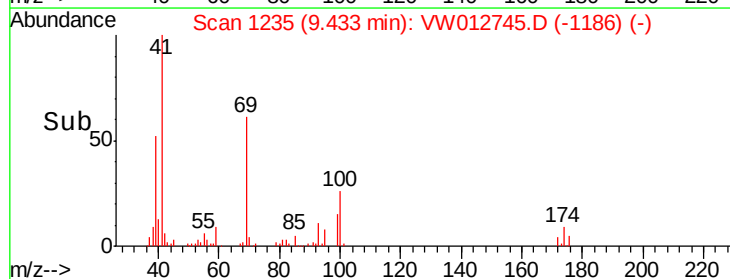
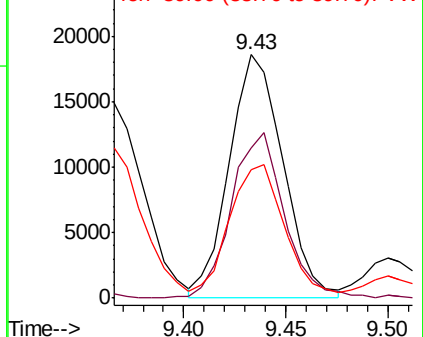
41 100

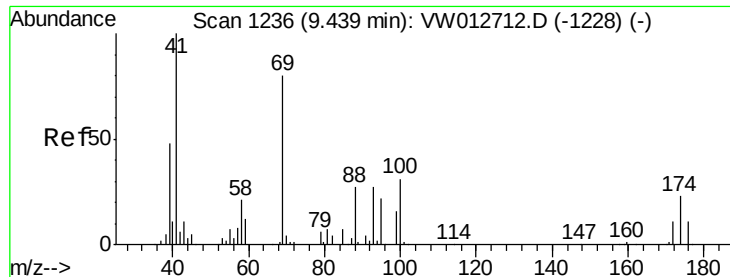
69 67.6 59.8 89.8

39 57.0 47.0 70.6



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

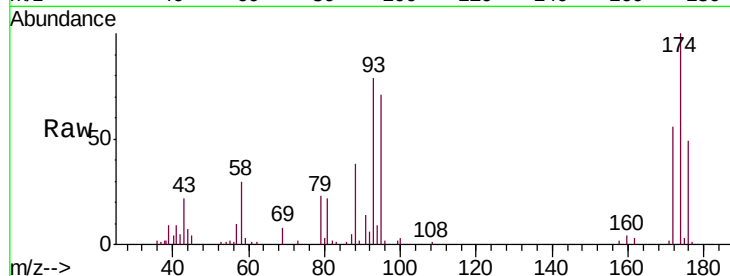




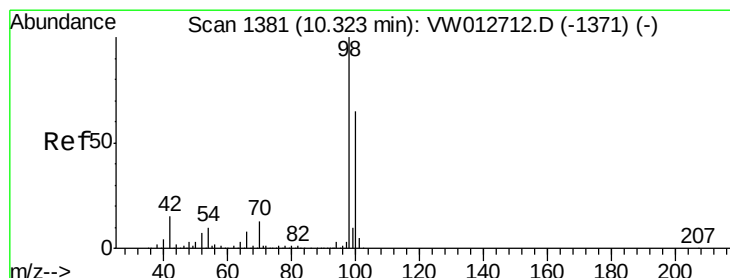
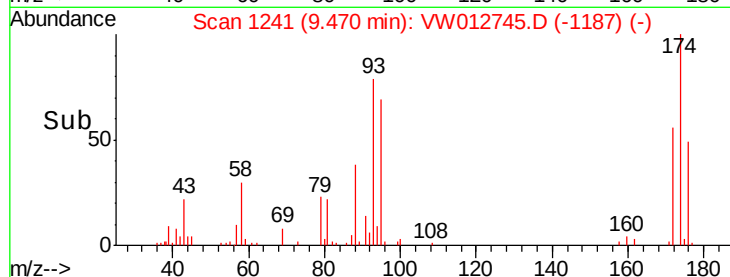
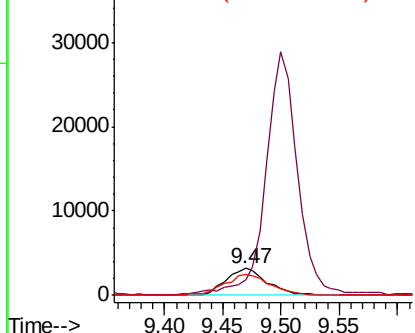
#49
1,4-Dioxane
Concen: 384.308 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tgt Ion: 88 Resp: 7764
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 86.7 64.1 96.1

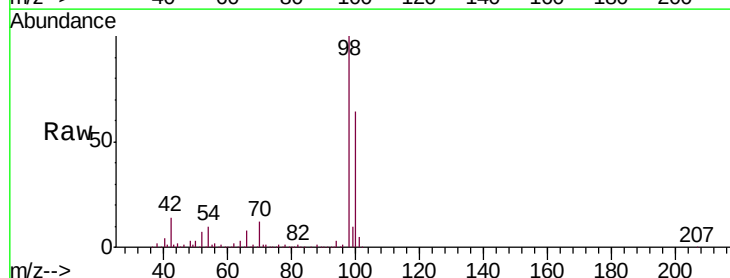


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

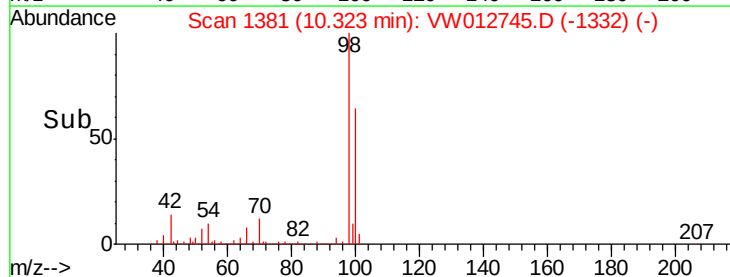
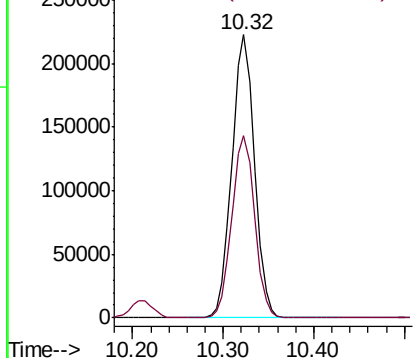


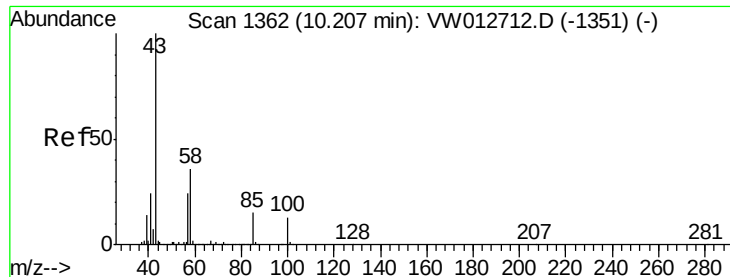
#50
Toluene-d8
Concen: 52.251 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 98 Resp: 384446
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



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: 101.271 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

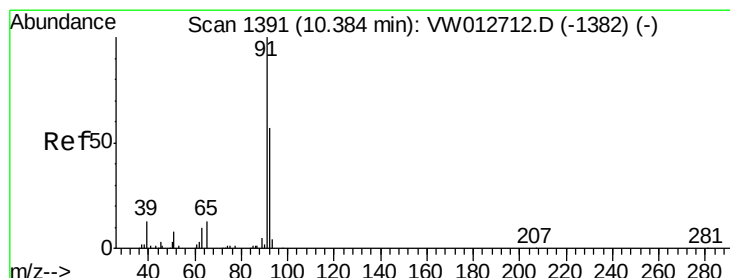
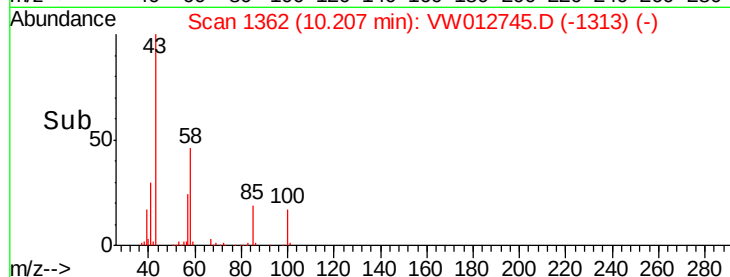
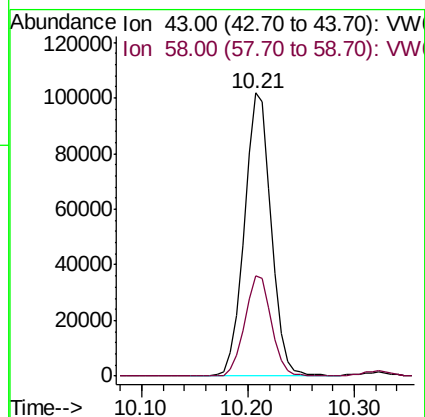
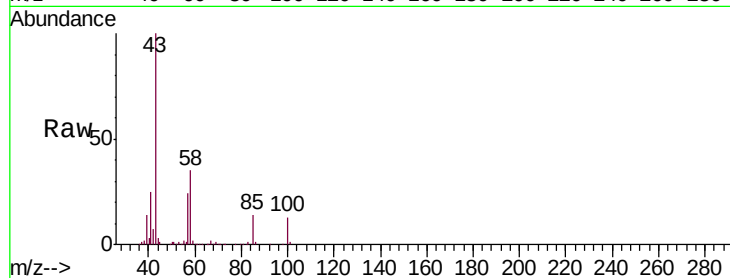
VW0907SBS02

Tgt Ion: 43 Resp: 180133

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



#52

Toluene

Concen: 18.454 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW012745.D

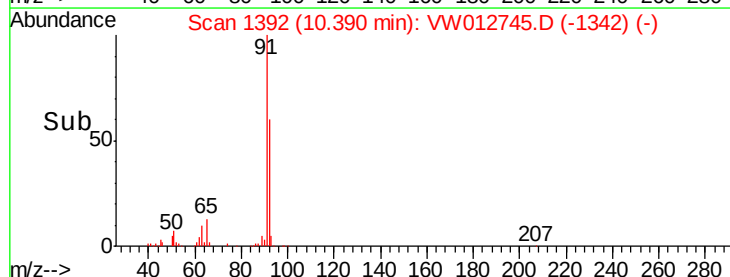
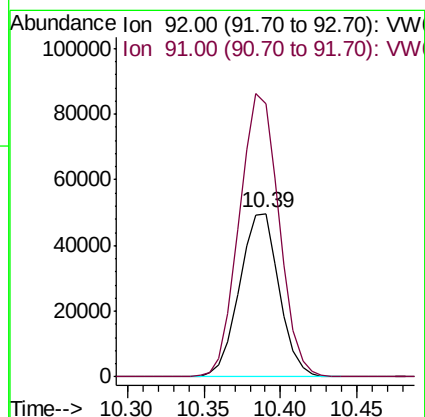
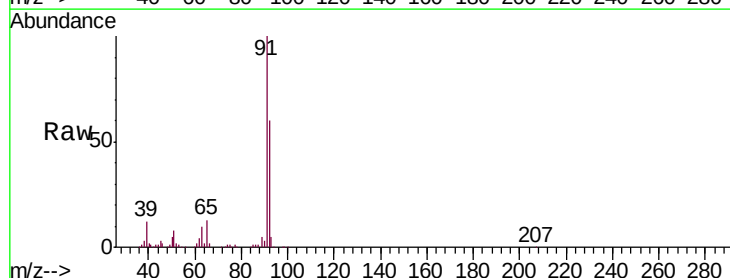
Acq: 08 Sep 2019 04:06

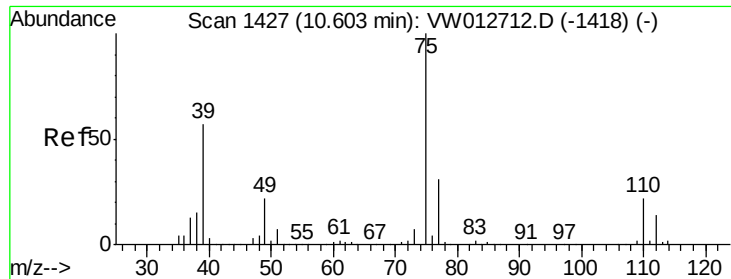
Tgt Ion: 92 Resp: 89695

Ion Ratio Lower Upper

92 100

91 173.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.025 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

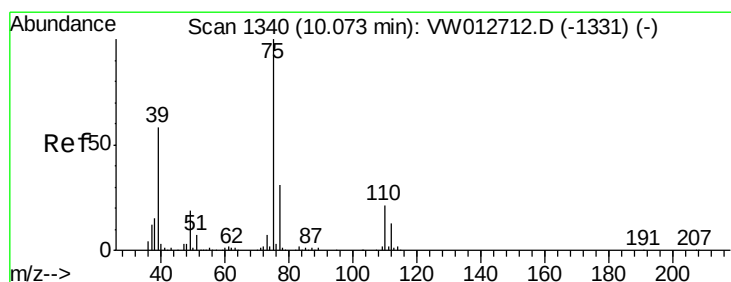
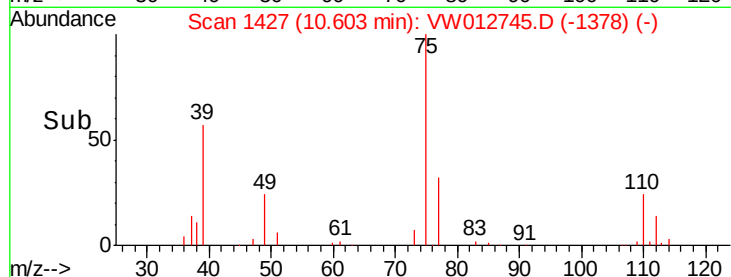
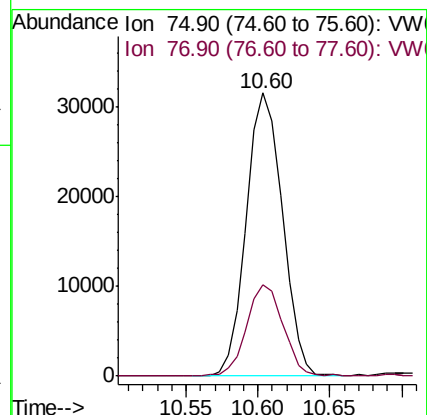
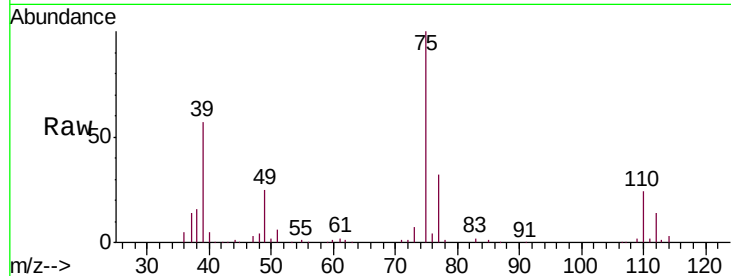
VW0907SBSD02

Tgt Ion: 75 Resp: 55047

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 20.233 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

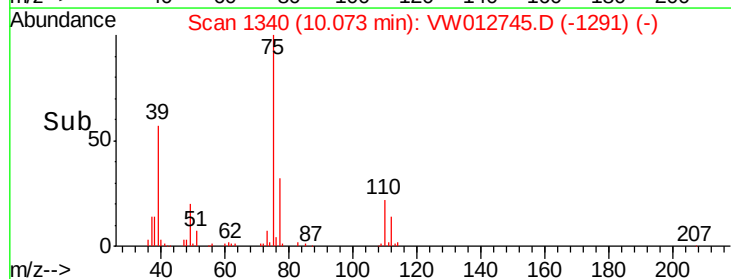
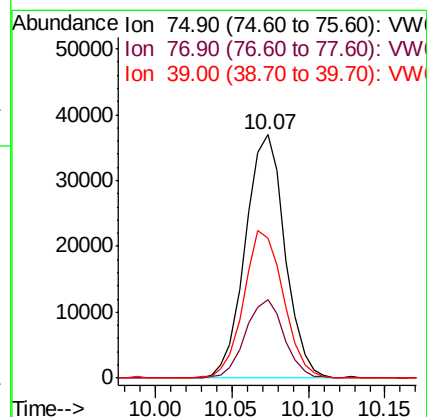
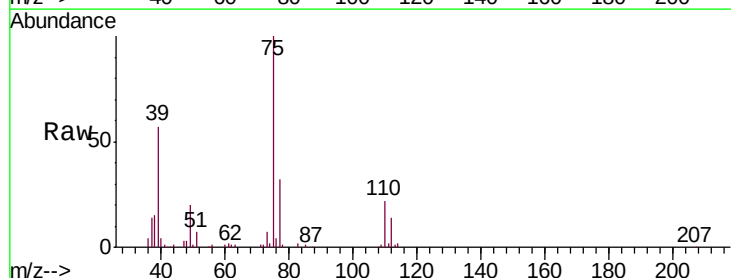
Tgt Ion: 75 Resp: 66410

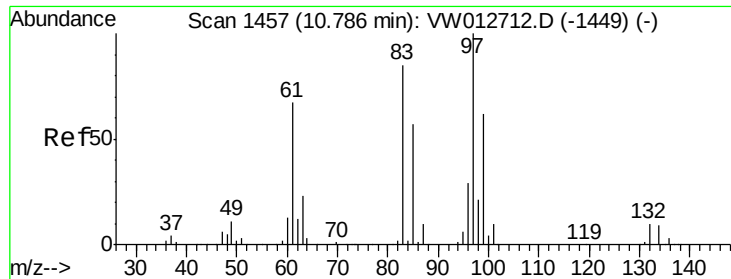
Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 57.4 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 21.818 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tgt Ion: 97 Resp: 33407

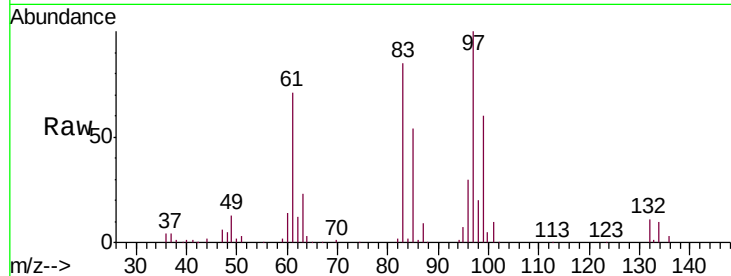
Ion Ratio Lower Upper

97 100

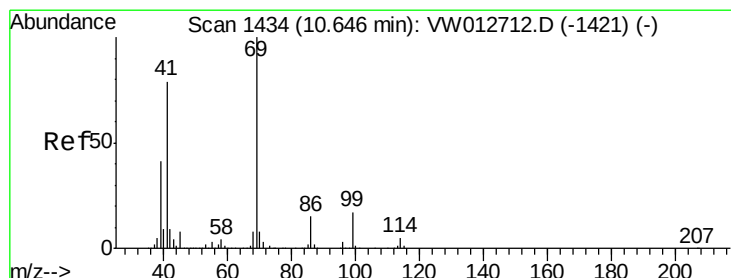
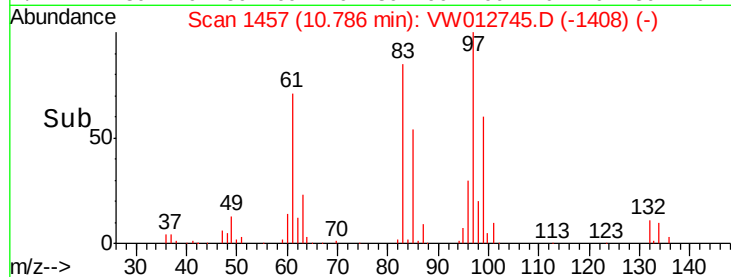
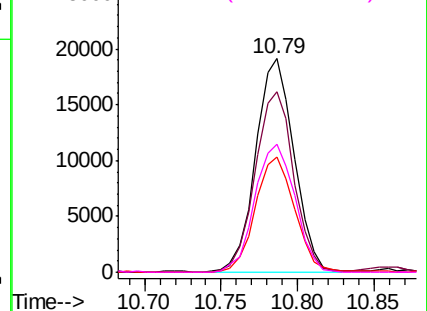
83 84.8 68.1 102.1

85 54.1 45.3 67.9

99 59.8 50.0 75.0



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: 20.367 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

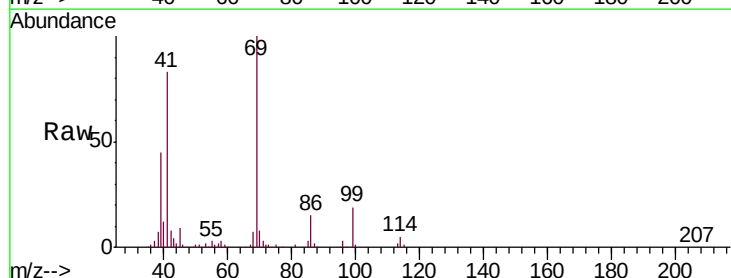
Tgt Ion: 69 Resp: 45651

Ion Ratio Lower Upper

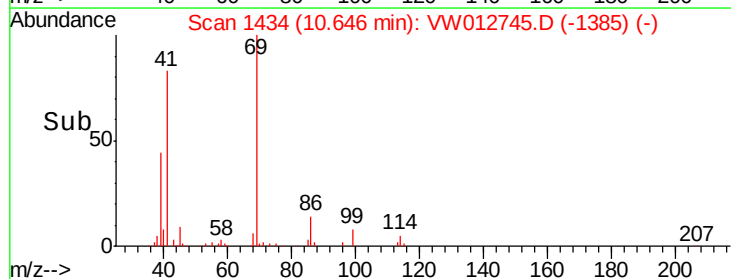
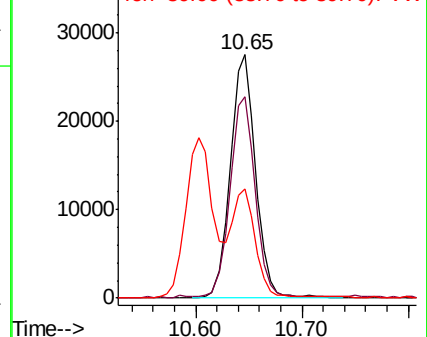
69 100

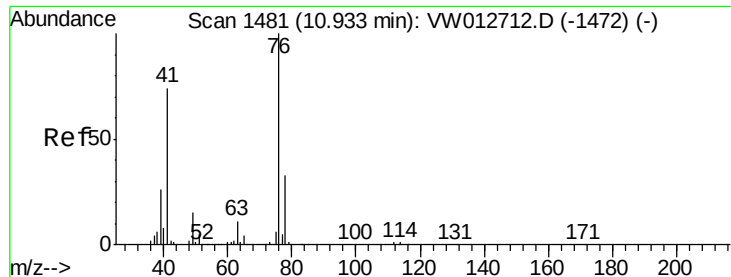
41 81.4 64.4 96.6

39 40.1 31.1 46.7



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

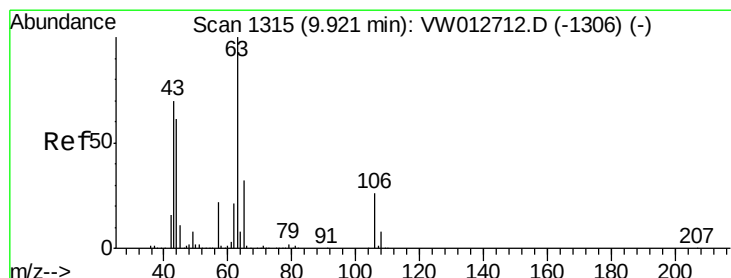
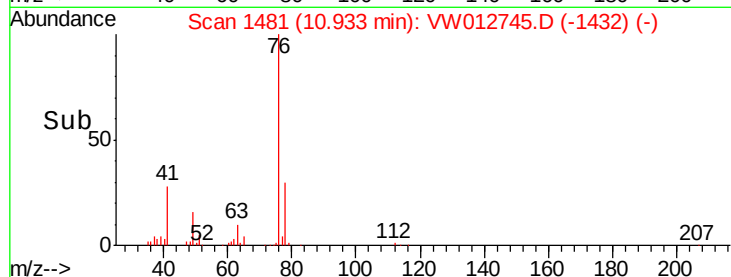
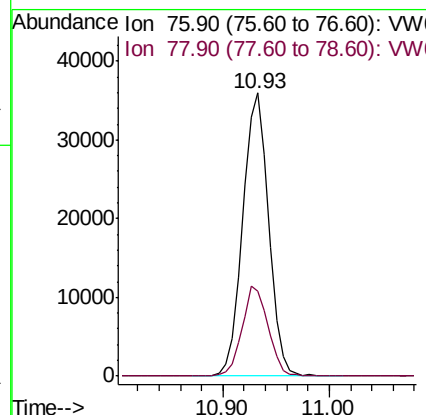
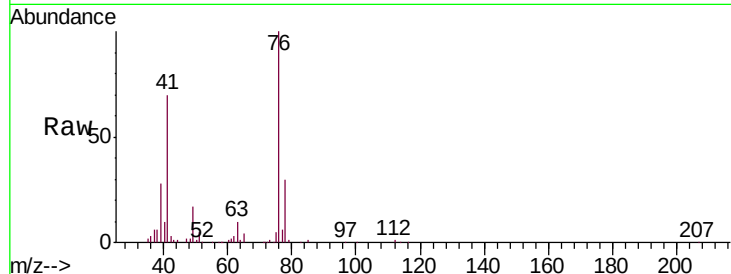




#57
 1,3-Dichloropropane
 Concen: 21.735 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

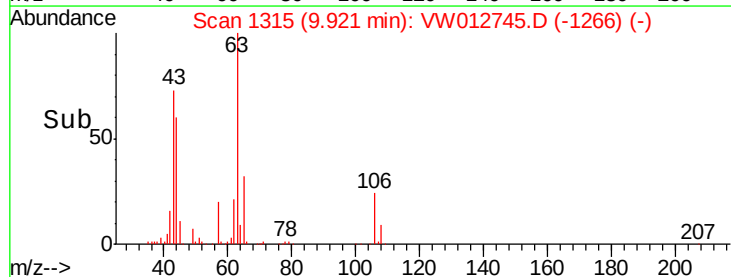
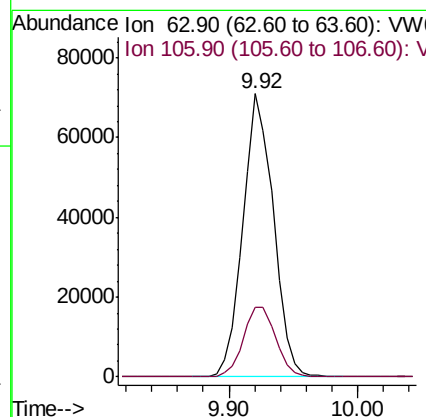
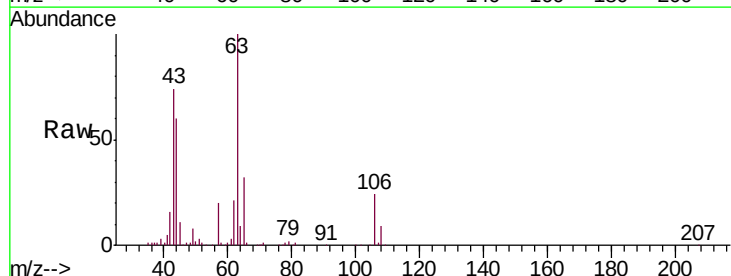
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

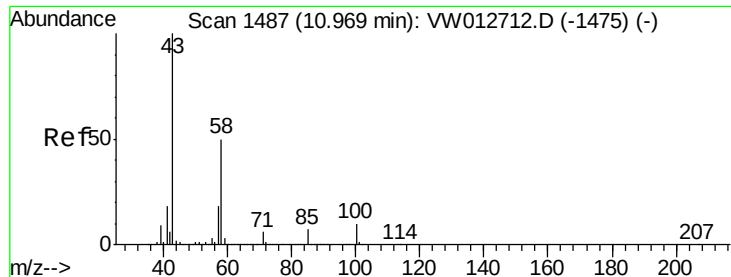
Tgt Ion: 76 Resp: 61569
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.653 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion: 63 Resp: 116197
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.5 30.7

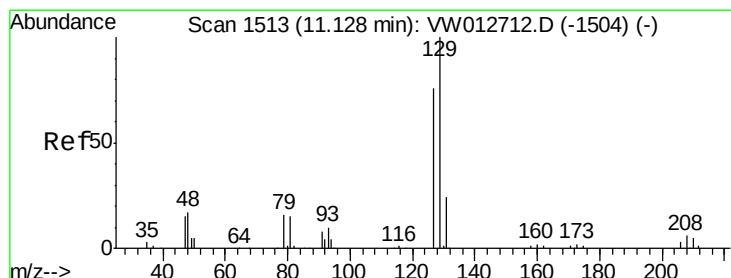
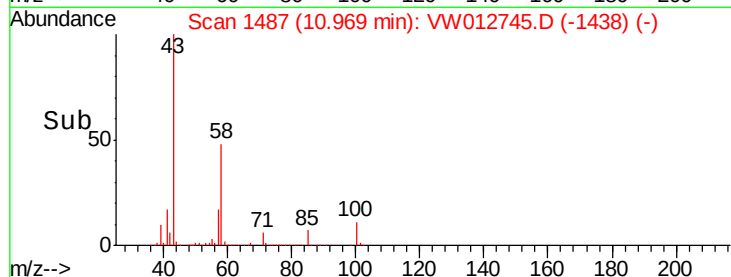
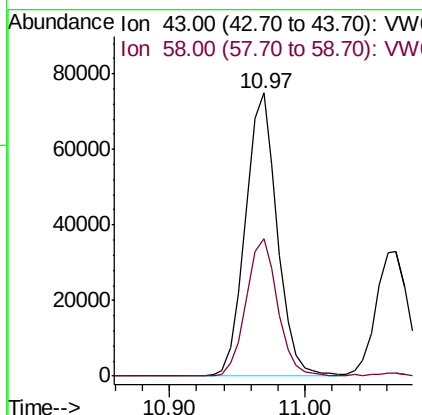
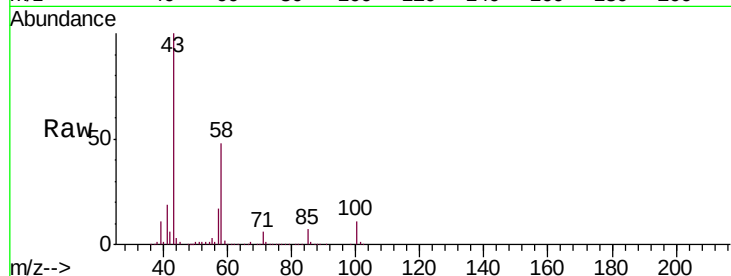




#59
2-Hexanone
Concen: 94.291 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

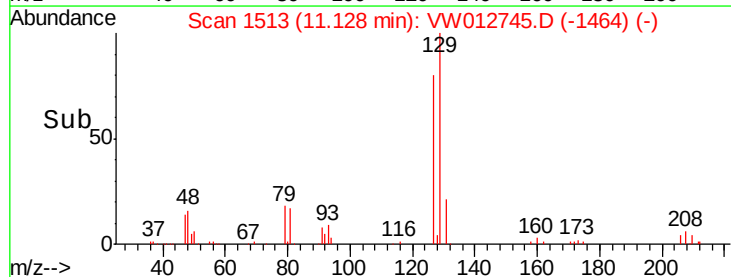
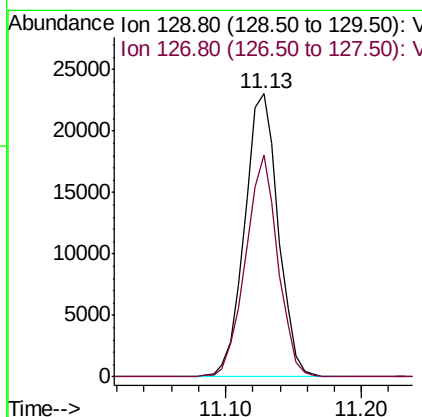
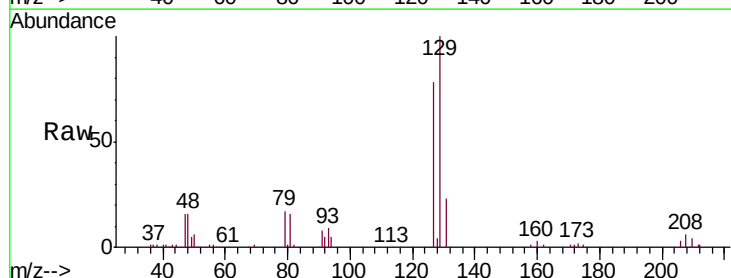
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

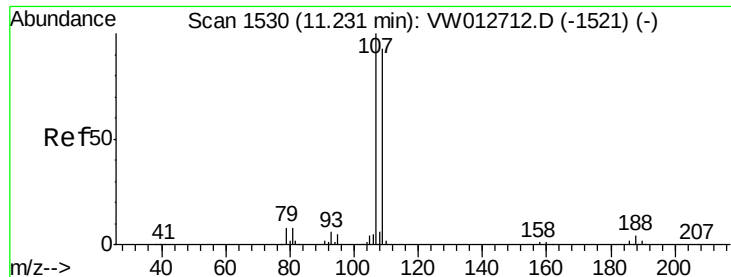
Tgt Ion: 43 Resp: 122531
Ion Ratio Lower Upper
43 100
58 48.2 24.7 74.1



#60
Dibromochloromethane
Concen: 22.188 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 129 Resp: 39956
Ion Ratio Lower Upper
129 100
127 75.0 38.6 115.8

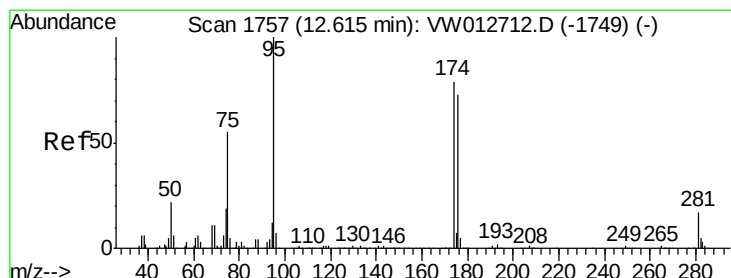
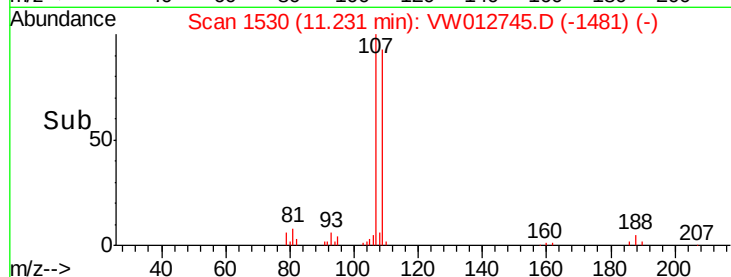
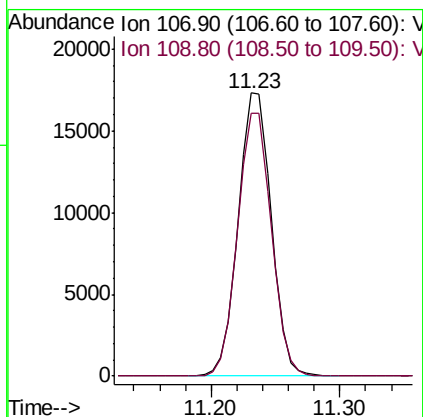
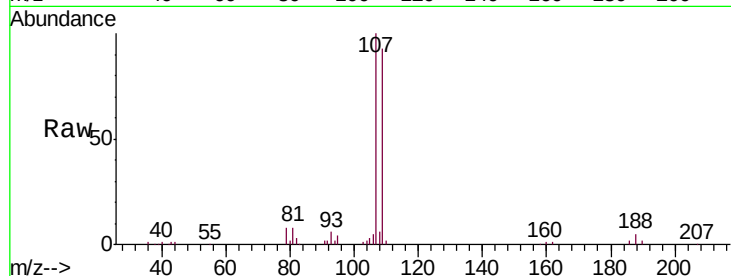




#61
 1,2-Dibromoethane
 Concen: 21.915 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

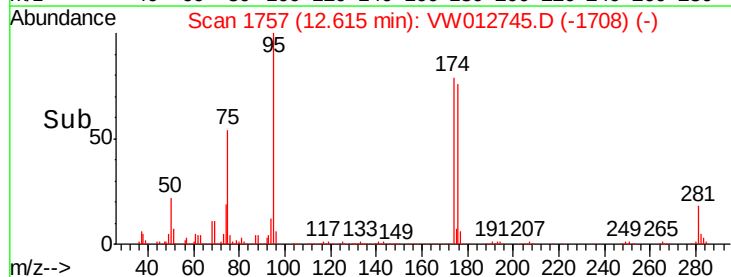
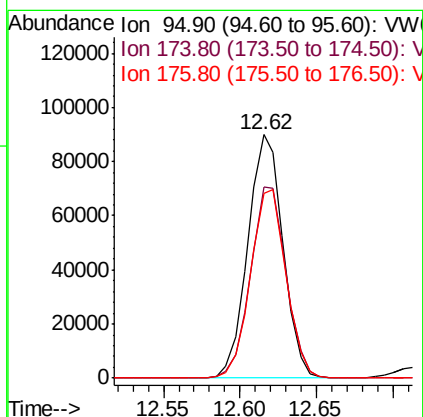
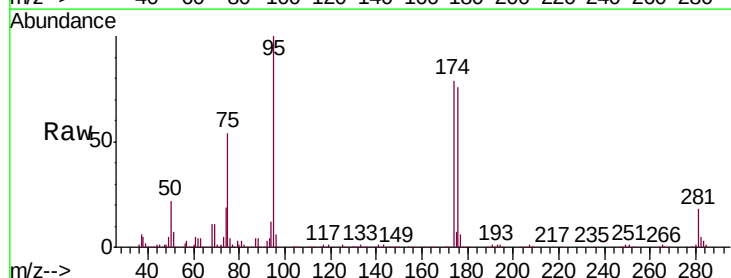
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

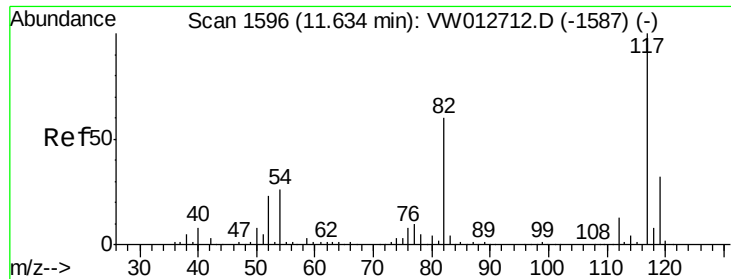
Tgt Ion: 107 Resp: 30764
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.607 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion: 95 Resp: 143187
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 161.0
 176 78.6 0.0 156.4

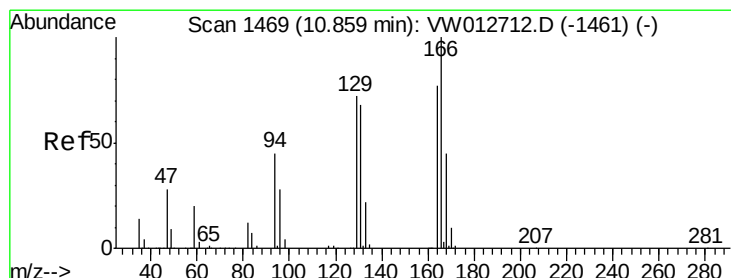
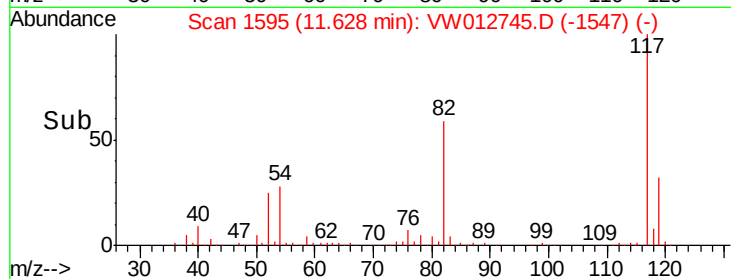
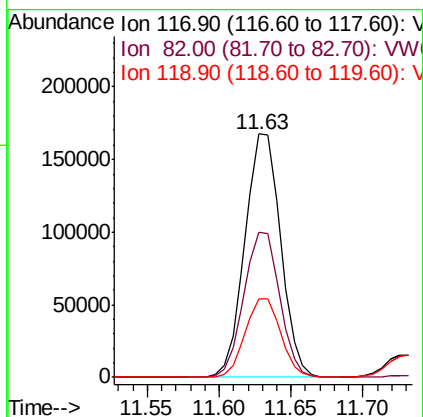
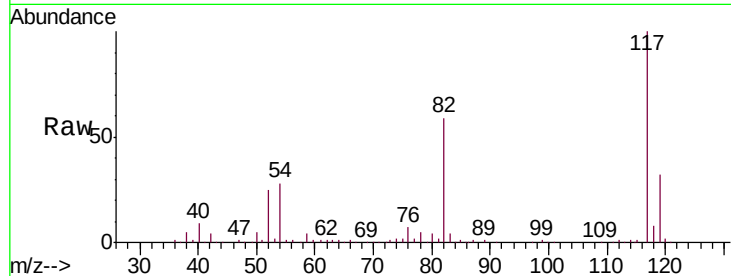




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

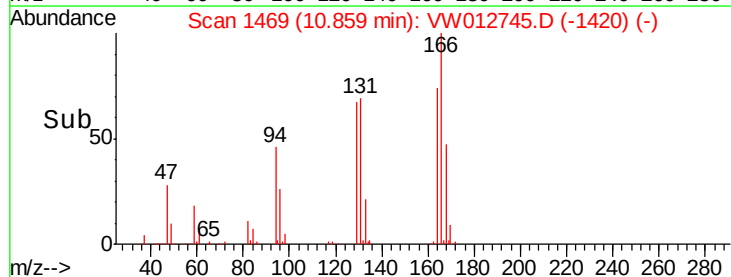
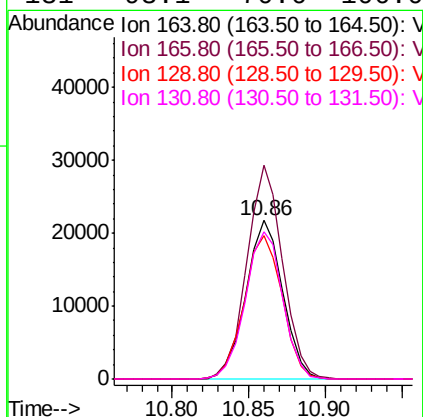
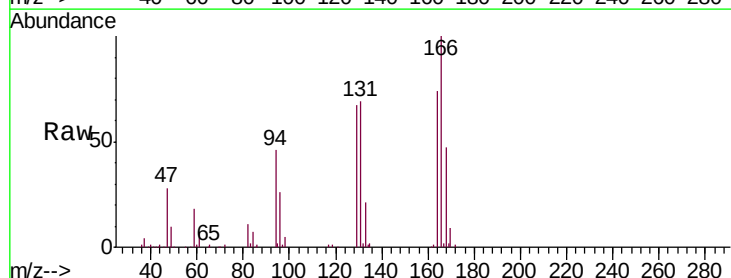
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

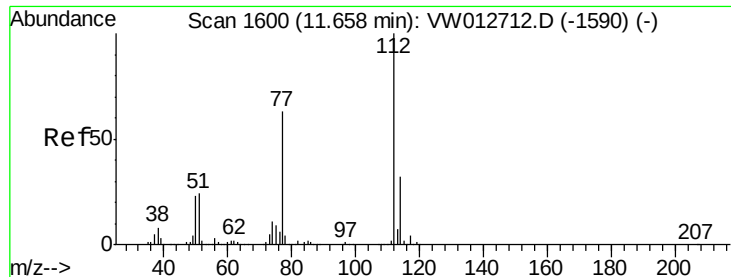
Tgt Ion:117 Resp: 287650
Ion Ratio Lower Upper
117 100
82 59.4 48.2 72.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 20.892 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion:164 Resp: 36465
Ion Ratio Lower Upper
164 100
166 134.6 103.6 155.4
129 90.6 74.6 112.0
131 93.1 70.6 106.0

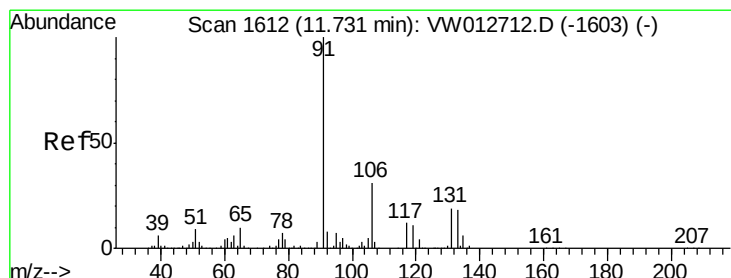
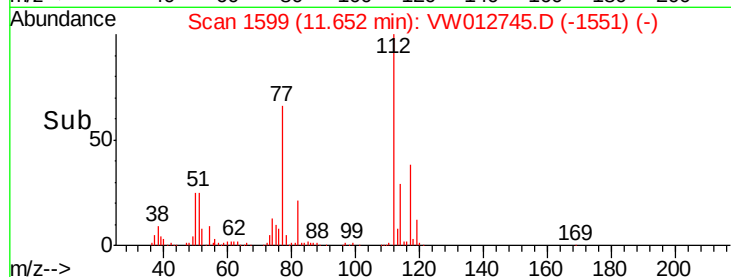
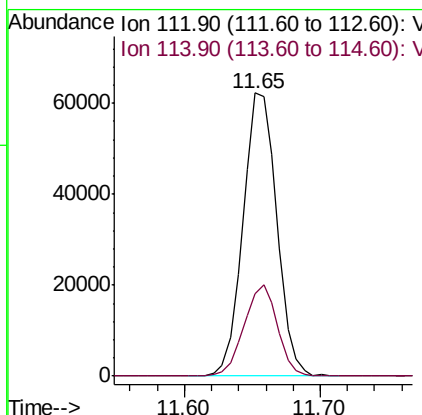
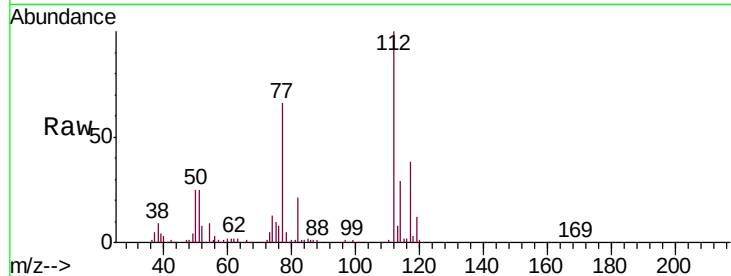




#65
Chlorobenzene
Concen: 19.913 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

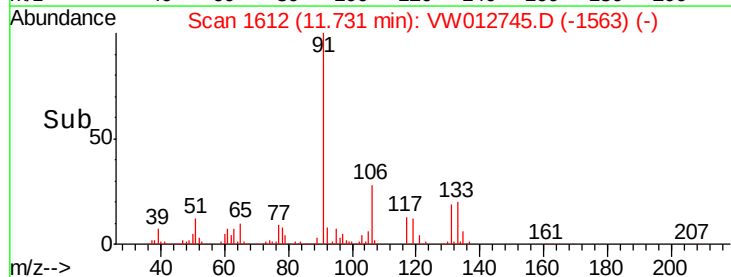
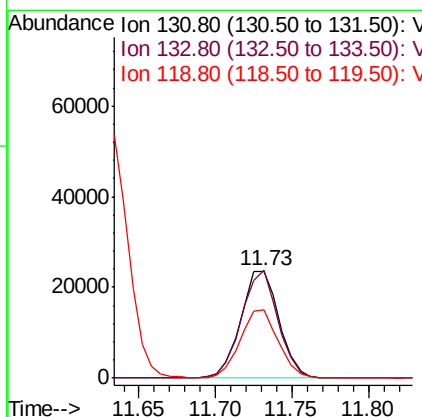
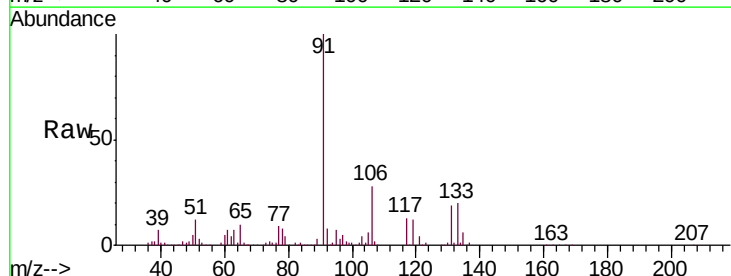
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

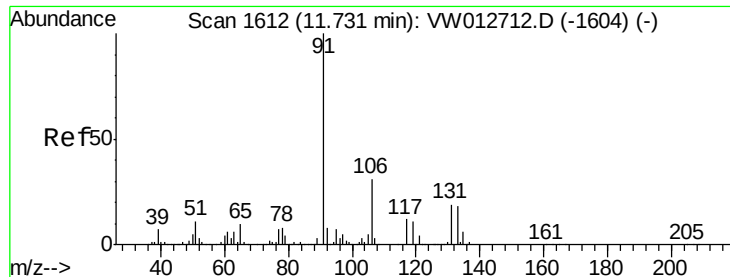
Tgt Ion:112 Resp: 108261
Ion Ratio Lower Upper
112 100
114 28.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.402 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion:131 Resp: 41306
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.8
119 63.0 30.6 92.0





#67

Ethyl Benzene

Concen: 19.083 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

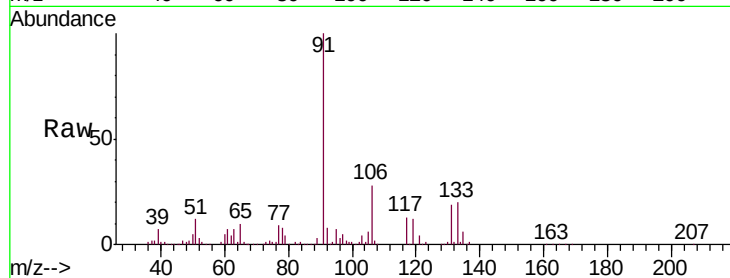
VW0907SBSD02

Tgt Ion: 91 Resp: 194657

Ion Ratio Lower Upper

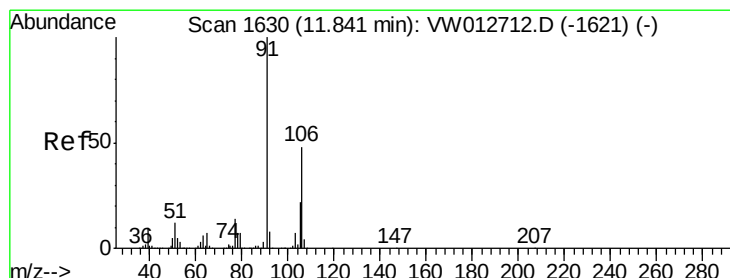
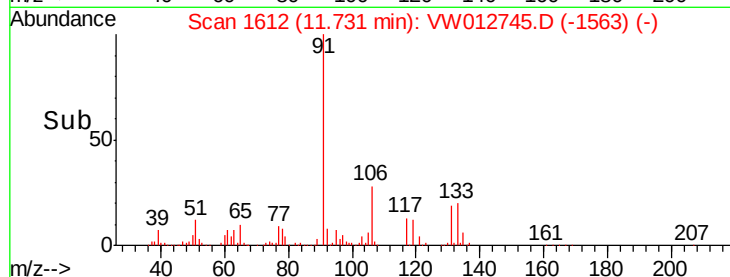
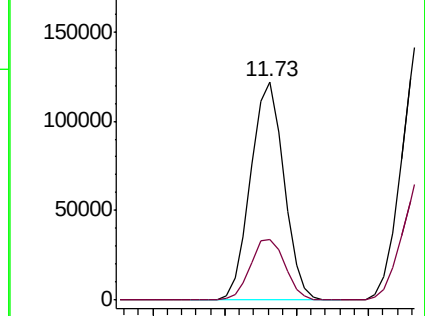
91 100

106 28.0 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.404 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW012745.D

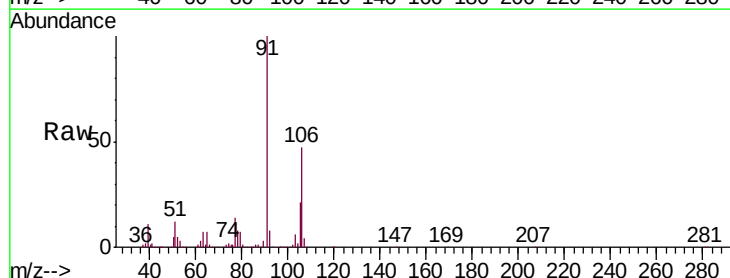
Acq: 08 Sep 2019 04:06

Tgt Ion: 106 Resp: 141399

Ion Ratio Lower Upper

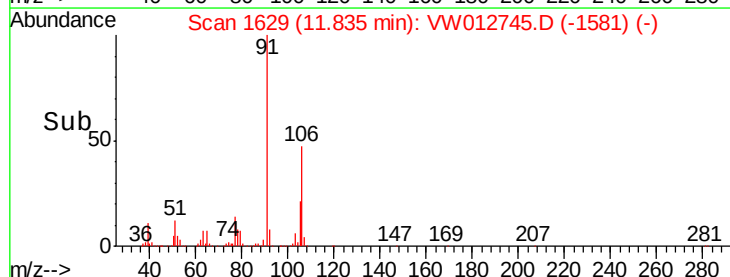
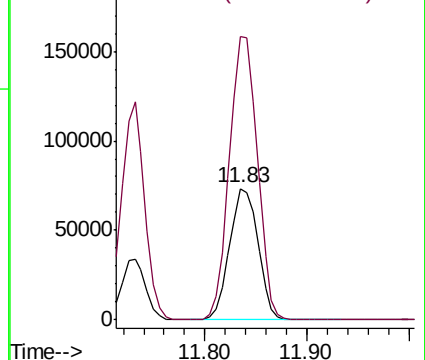
106 100

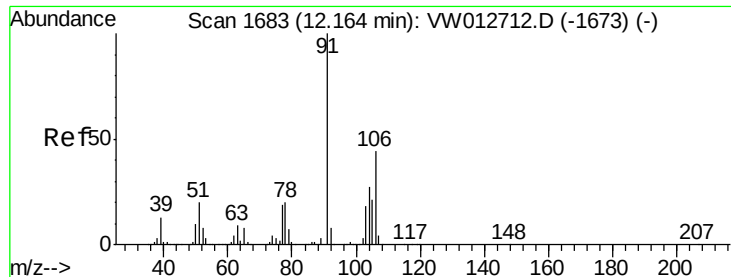
91 212.4 168.2 252.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

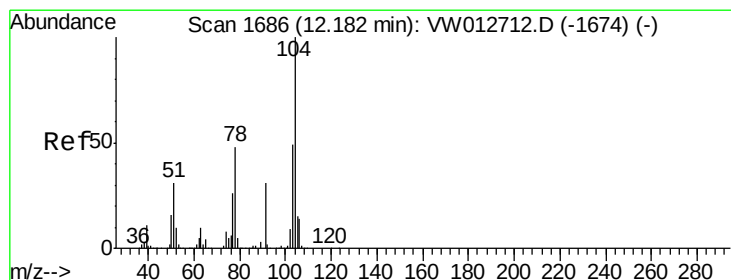
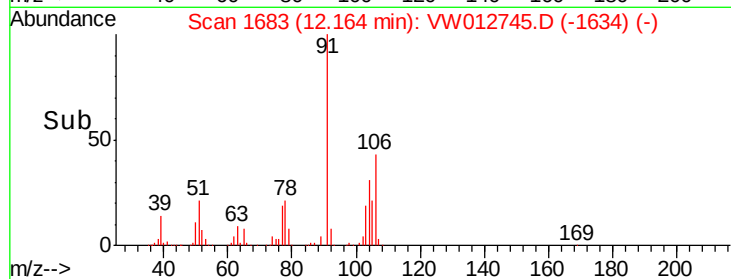
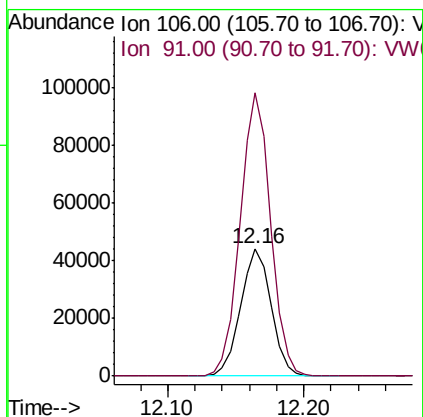
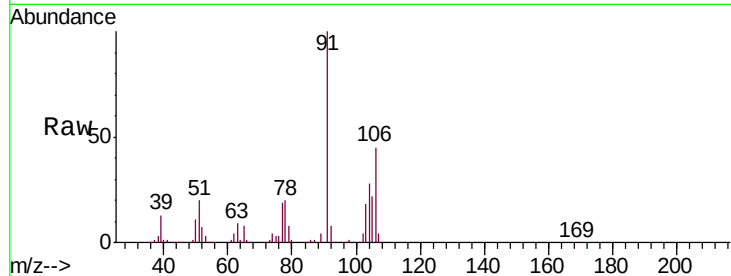




#69
o-Xylene
Concen: 19.943 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

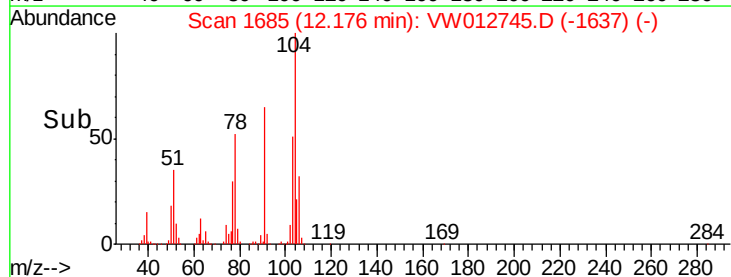
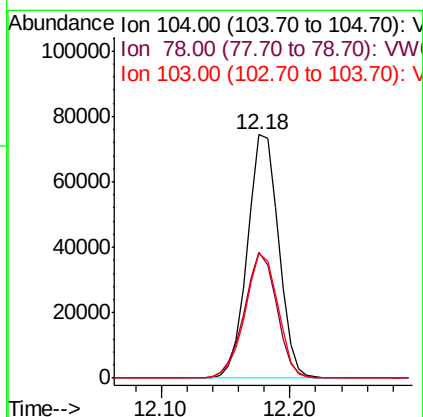
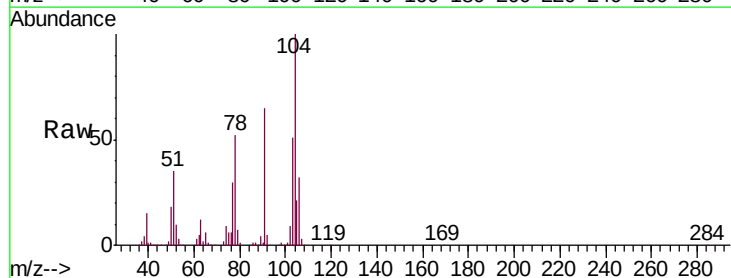
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

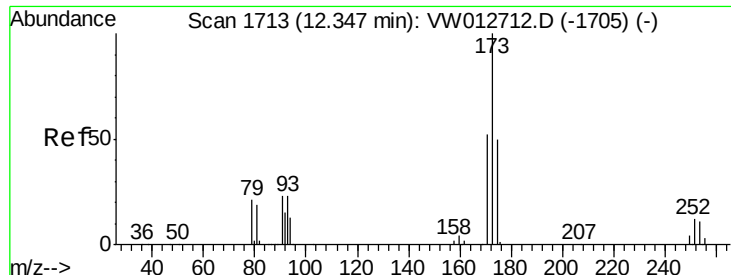
Tgt Ion:106 Resp: 69275
Ion Ratio Lower Upper
106 100
91 221.5 112.3 336.8



#70
Styrene
Concen: 20.212 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion:104 Resp: 124061
Ion Ratio Lower Upper
104 100
78 54.2 43.3 64.9
103 54.6 44.0 66.0





#71

Bromoform

Concen: 20.218 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

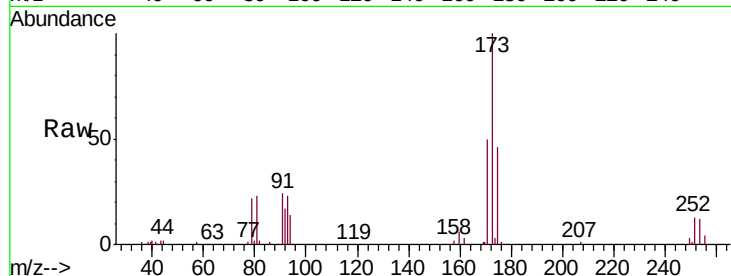
Tgt Ion:173 Resp: 22743

Ion Ratio Lower Upper

173 100

175 48.0 24.8 74.3

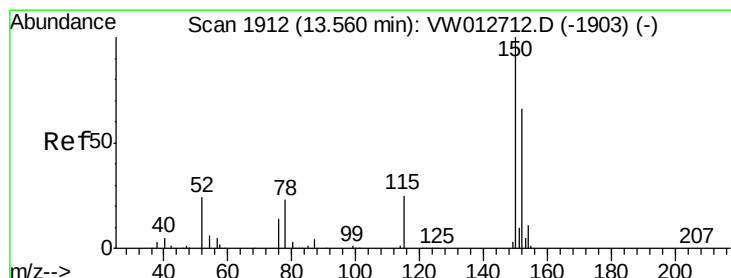
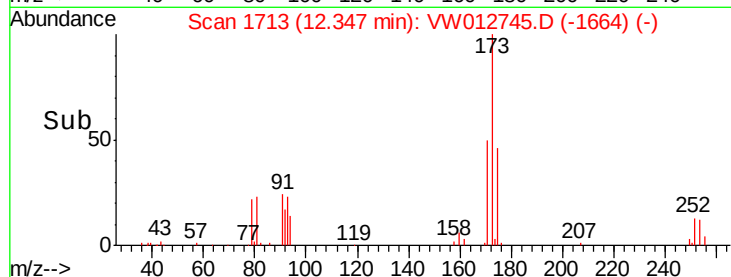
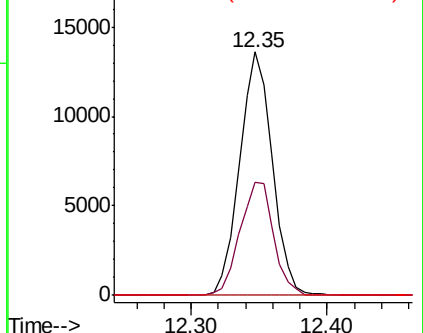
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

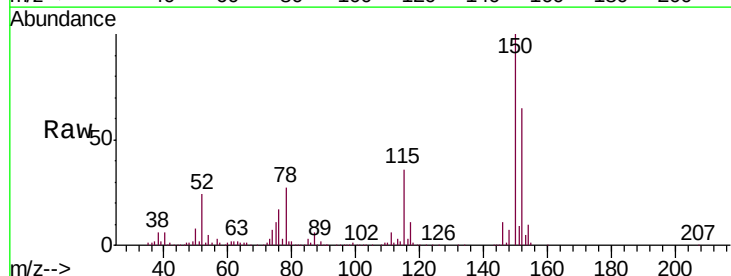
Tgt Ion:152 Resp: 145408

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.1

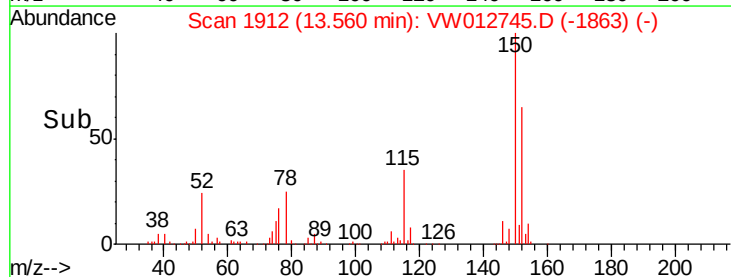
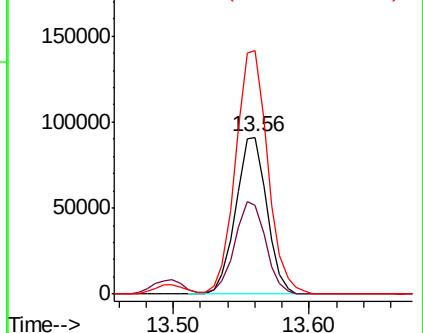
150 160.5 0.0 349.0

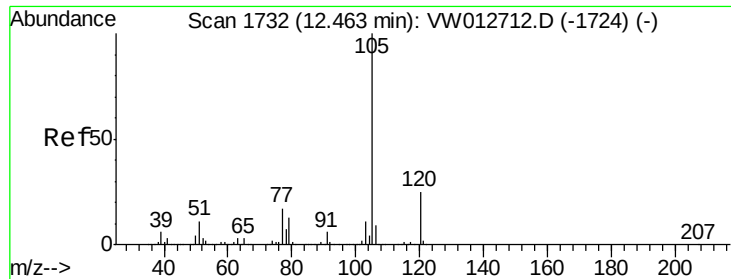


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.094 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

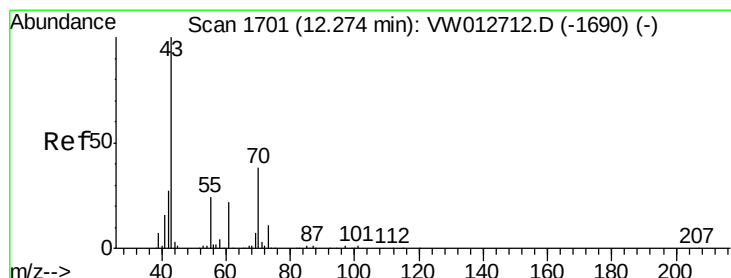
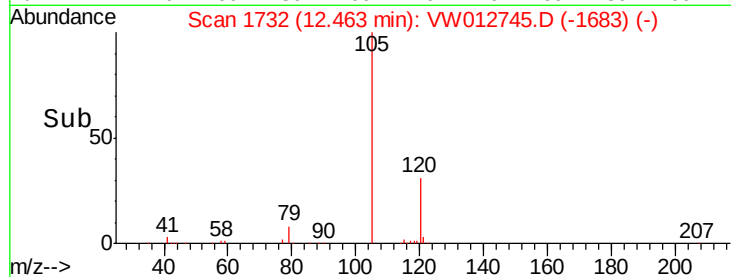
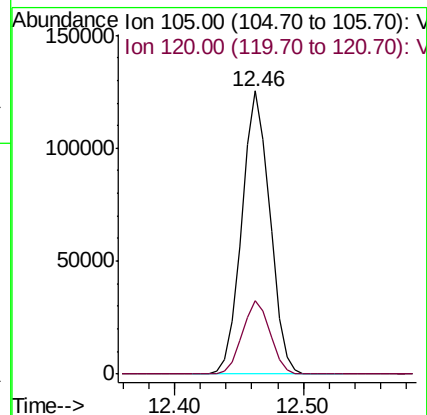
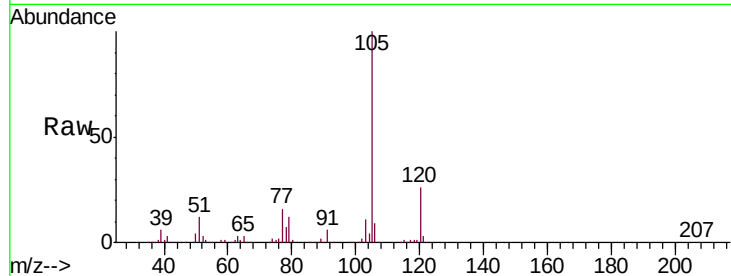
VW0907SBSD02

Tgt Ion: 105 Resp: 188703

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 17.105 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion: 43 Resp: 56622

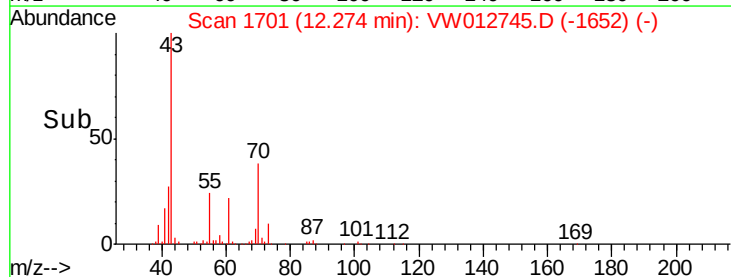
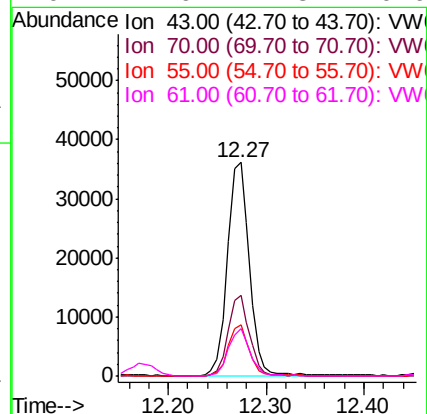
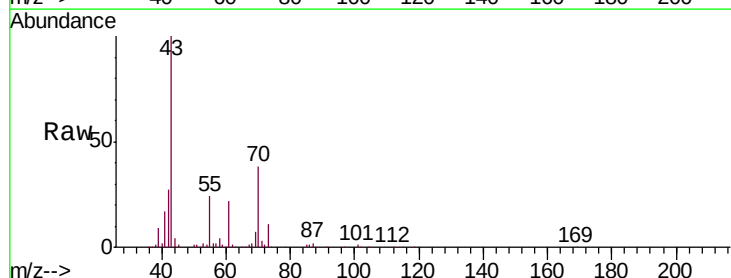
Ion Ratio Lower Upper

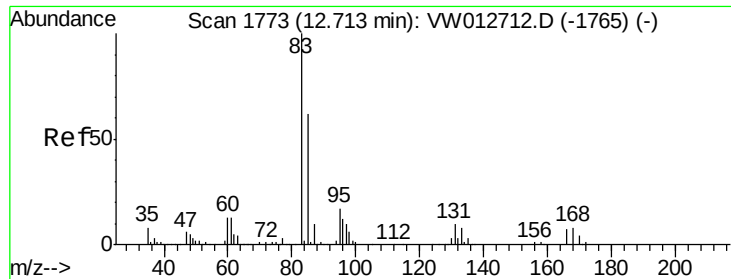
43 100

70 36.3 29.4 44.0

55 23.2 18.6 27.8

61 21.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.475 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

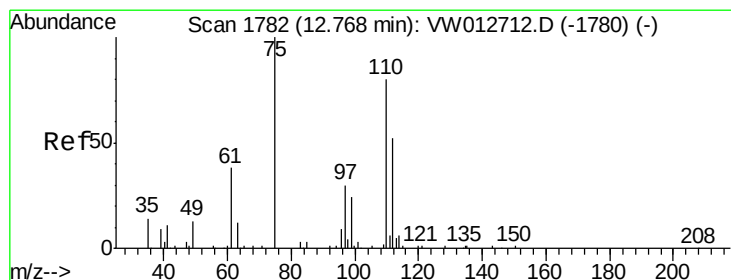
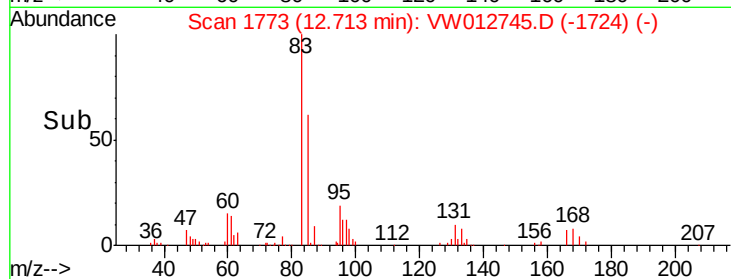
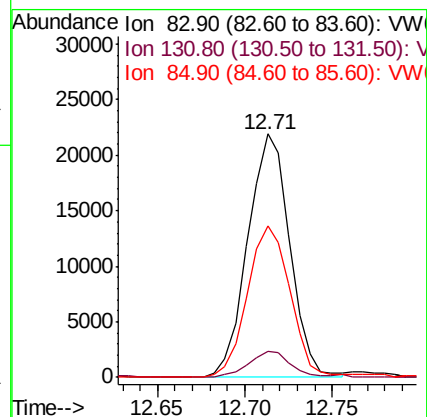
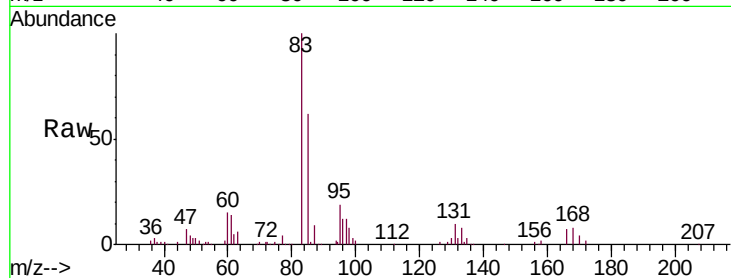
Tgt Ion: 83 Resp: 36600

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

85 63.1 31.4 94.2



#76

1,2,3-Trichloropropane

Concen: 33.415 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012745.D

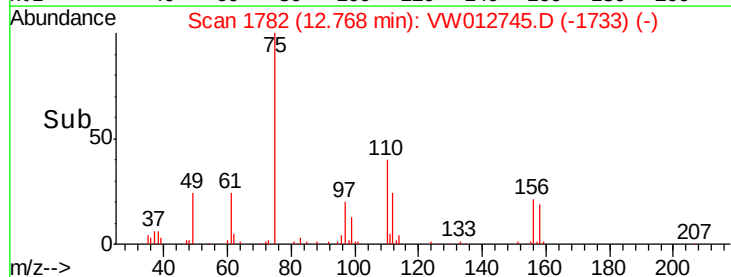
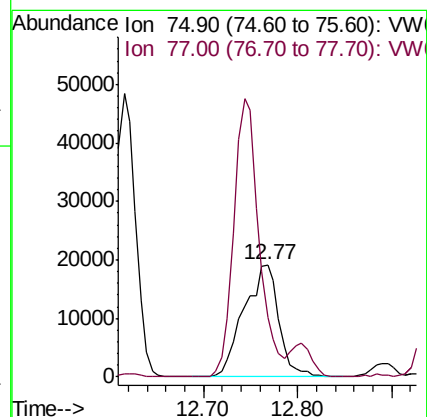
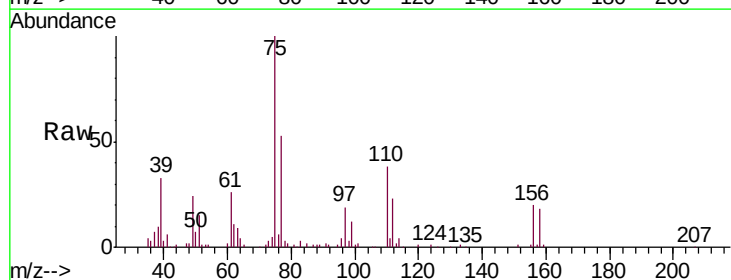
Acq: 08 Sep 2019 04:06

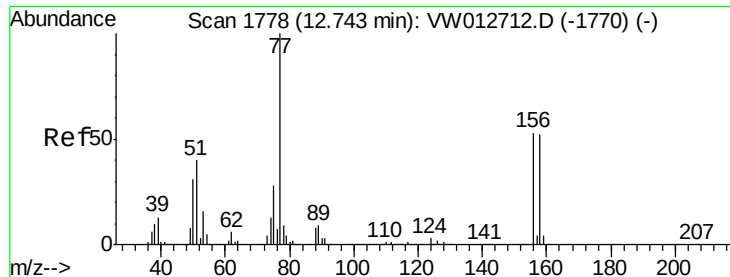
Tgt Ion: 75 Resp: 49683

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

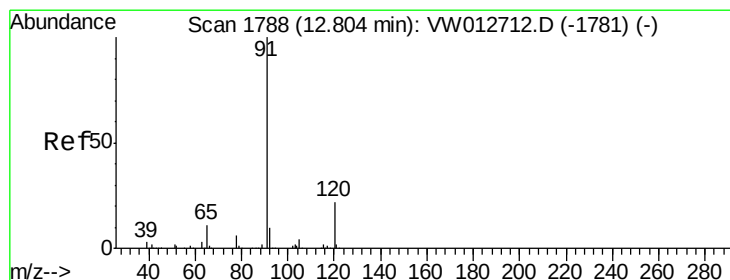
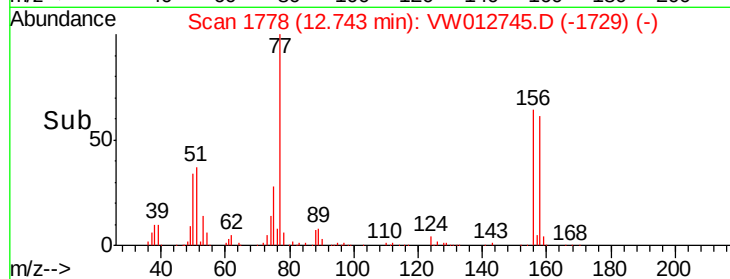
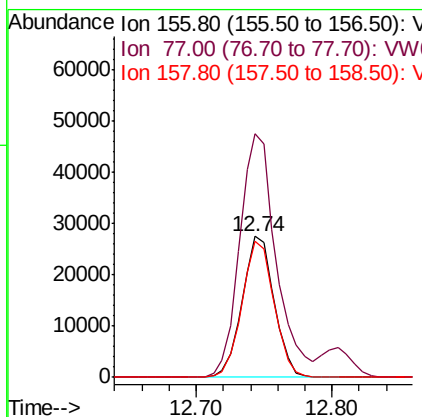
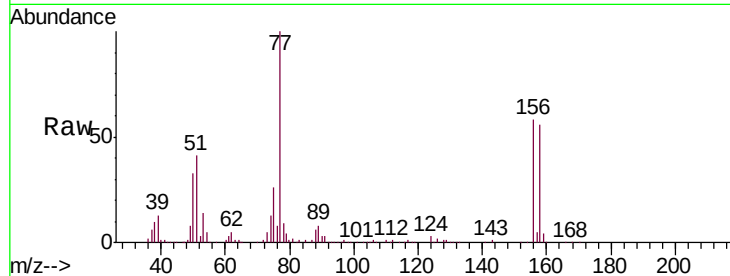




#77
Bromobenzene
Concen: 19.105 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

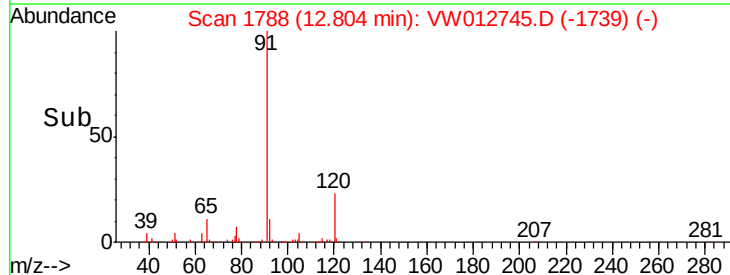
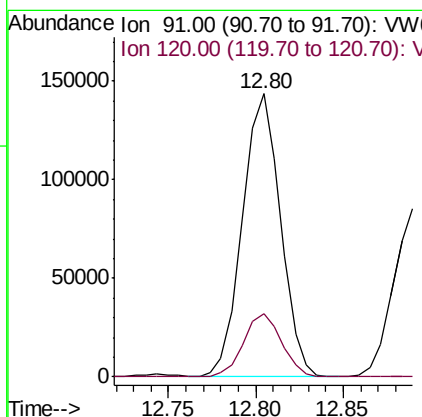
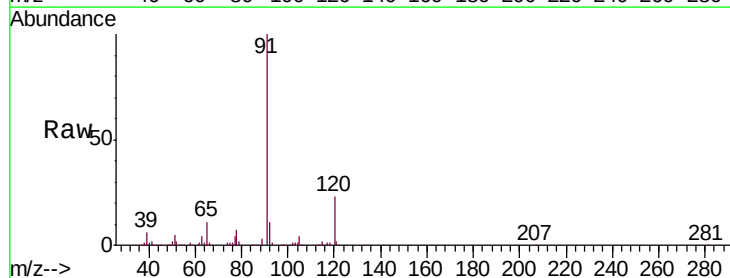
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

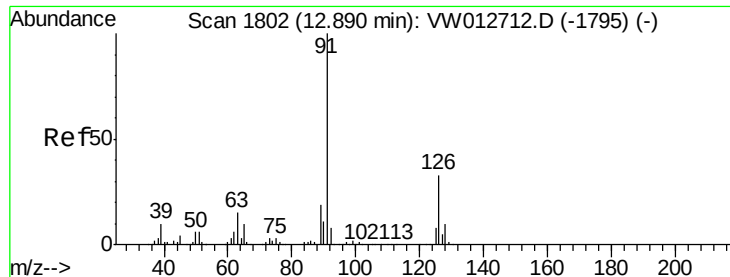
Tgt Ion:156 Resp: 45142
Ion Ratio Lower Upper
156 100
77 197.0 102.3 306.9
158 96.9 48.9 146.8



#78
n-propylbenzene
Concen: 17.398 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 91 Resp: 217012
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.879 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

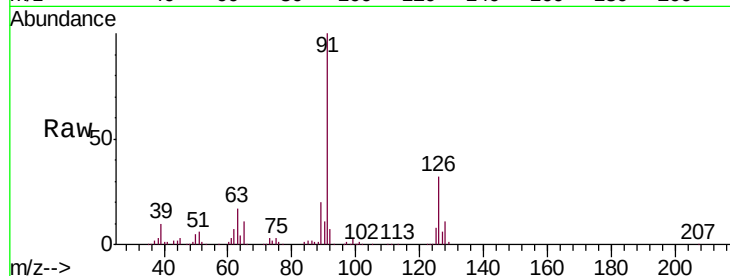
VW0907SBSD02

Tgt Ion: 91 Resp: 135181

Ion Ratio Lower Upper

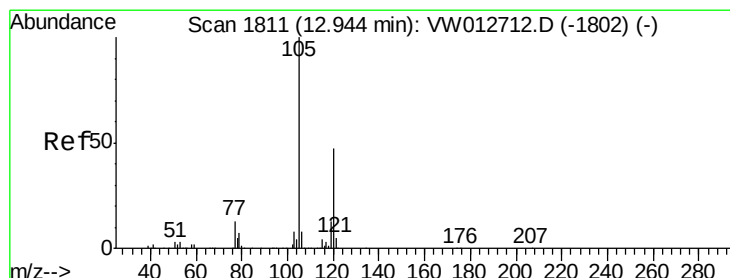
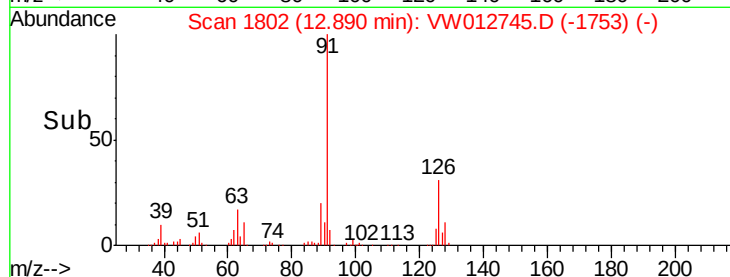
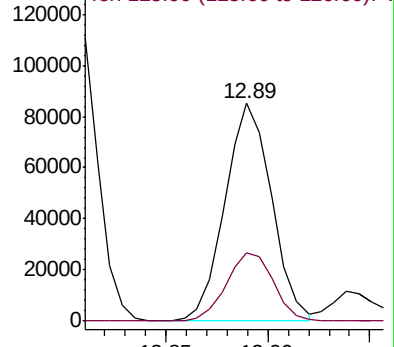
91 100

126 32.1 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.491 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012745.D

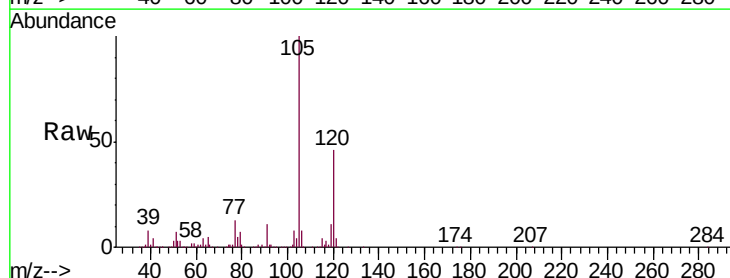
Acq: 08 Sep 2019 04:06

Tgt Ion: 105 Resp: 162500

Ion Ratio Lower Upper

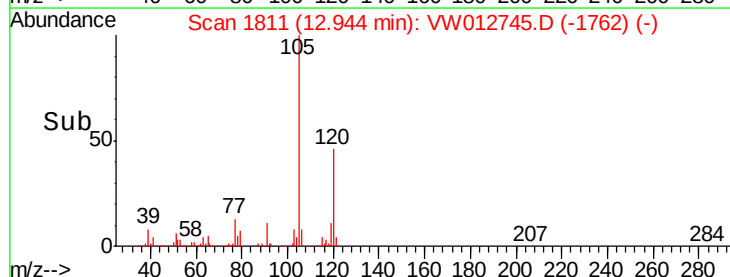
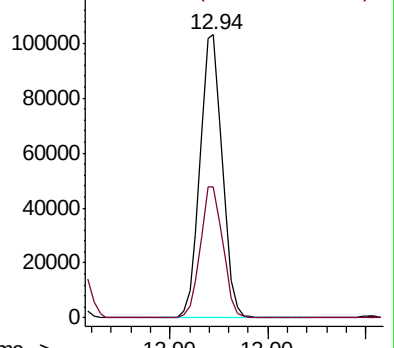
105 100

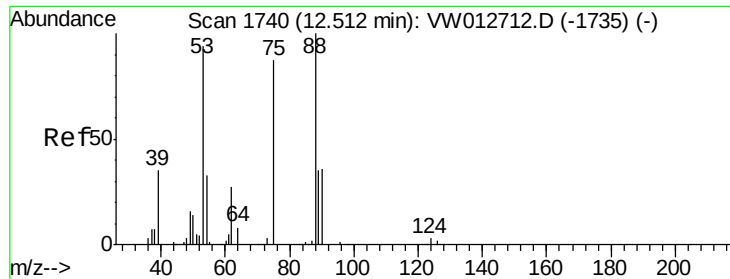
120 46.8 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.355 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

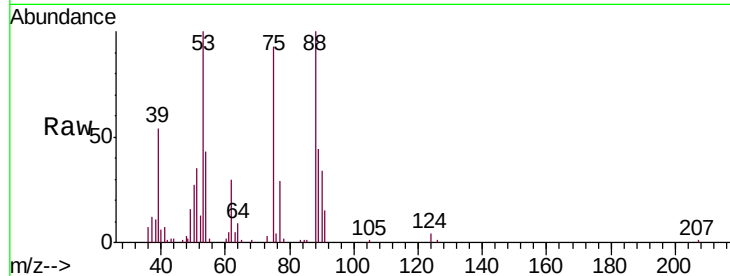
Tgt Ion: 75 Resp: 11497

Ion Ratio Lower Upper

75 100

53 119.9 87.6 131.4

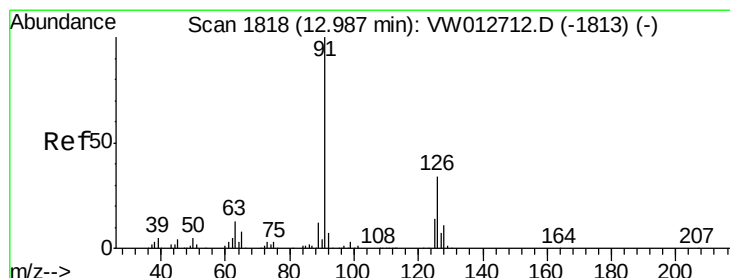
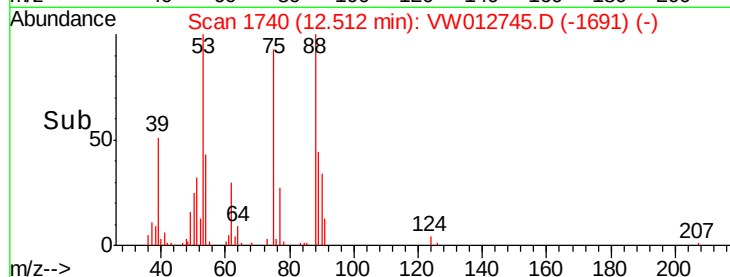
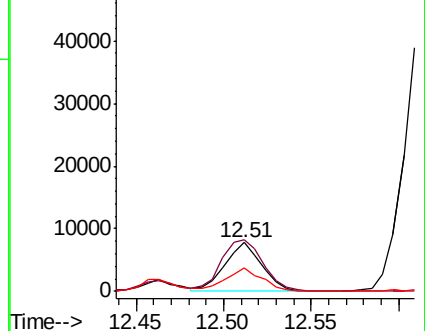
89 45.1 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 18.872 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012745.D

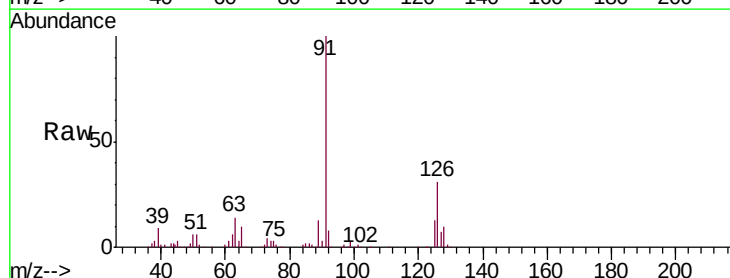
Acq: 08 Sep 2019 04:06

Tgt Ion: 91 Resp: 142939

Ion Ratio Lower Upper

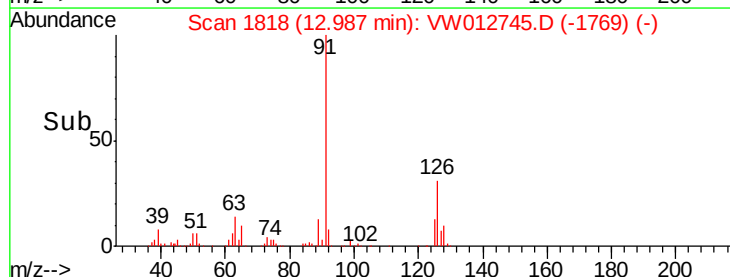
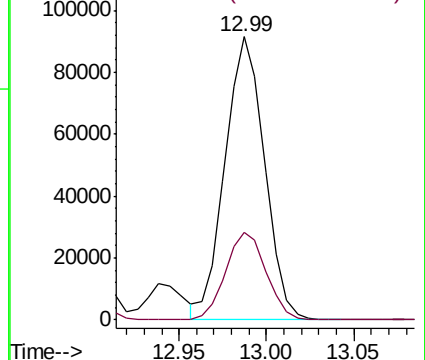
91 100

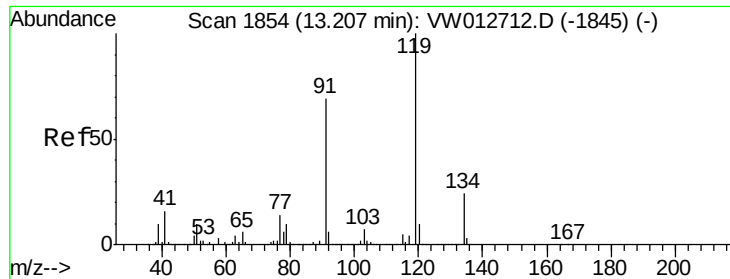
126 31.8 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

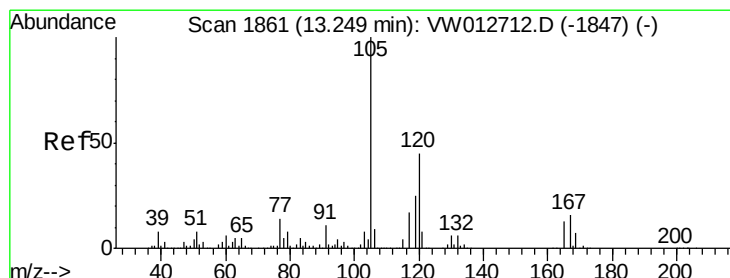
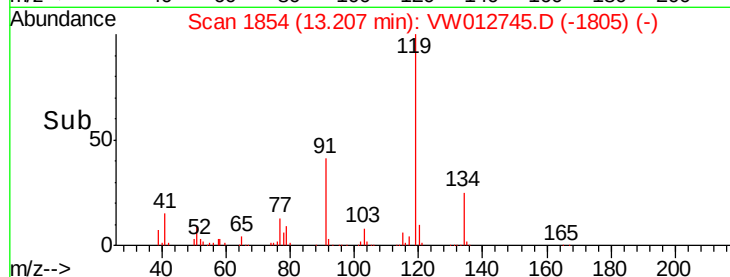
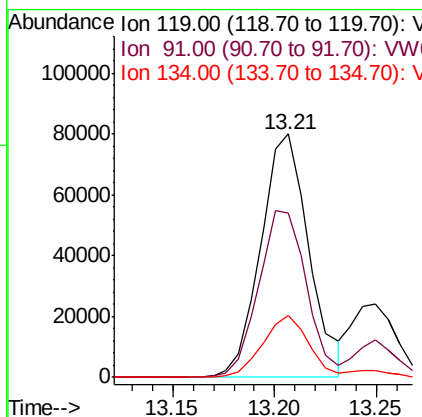
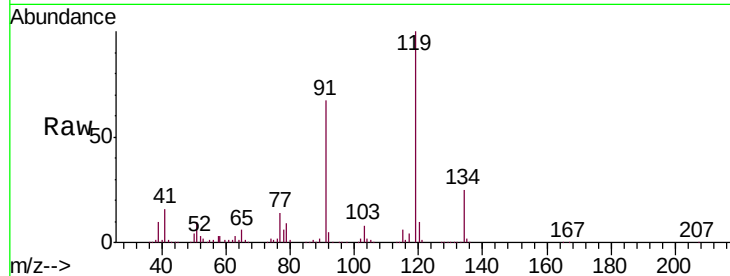




#83
 tert-Butylbenzene
 Concen: 16.977 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

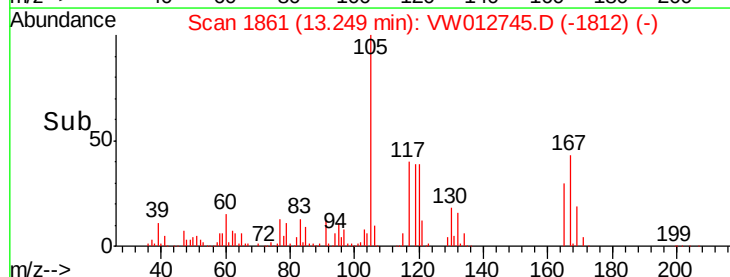
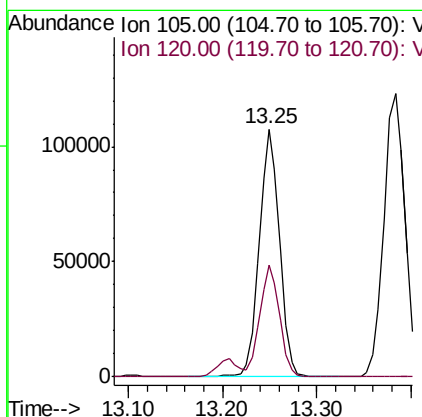
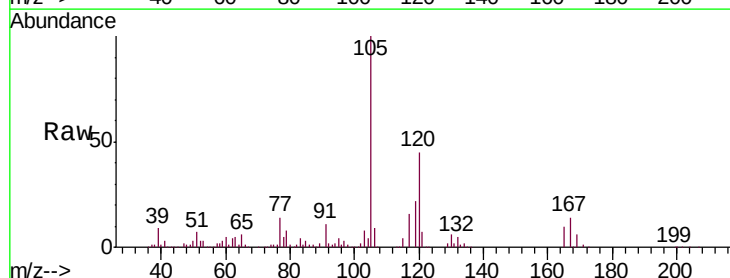
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

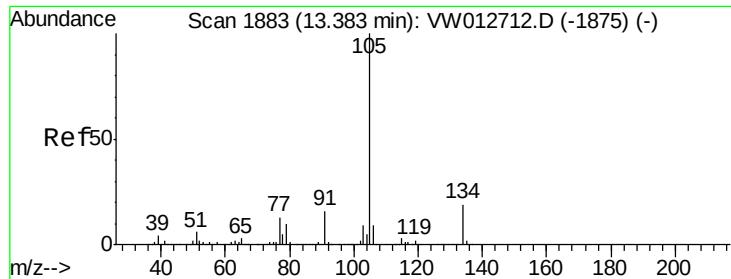
Tgt Ion:119 Resp: 131917
 Ion Ratio Lower Upper
 119 100
 91 68.3 34.2 102.5
 134 24.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.510 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion:105 Resp: 163909
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.3

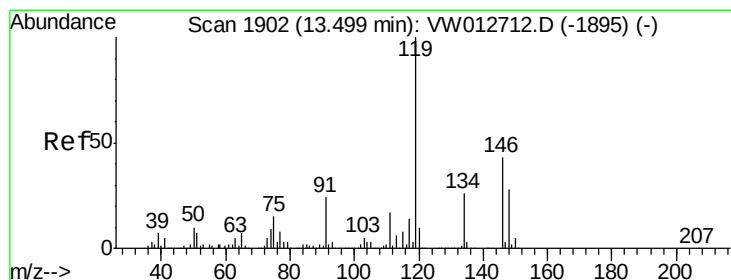
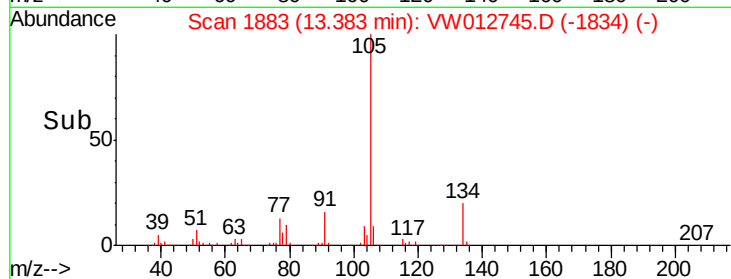
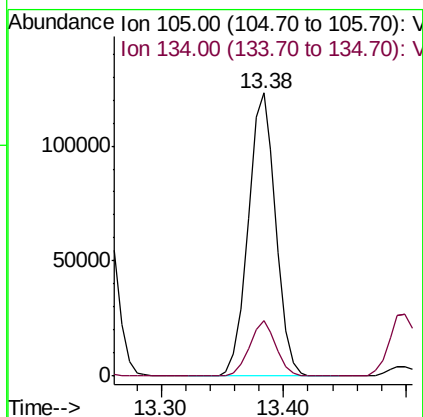
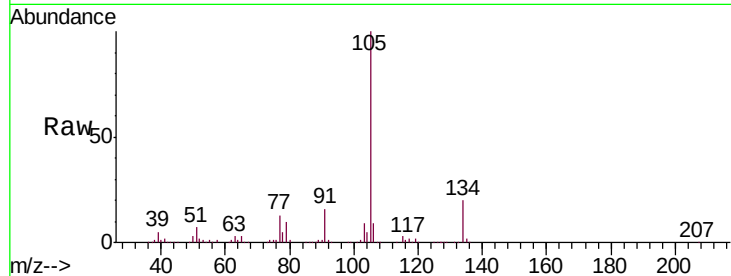




#85
 sec-Butylbenzene
 Concen: 17.793 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

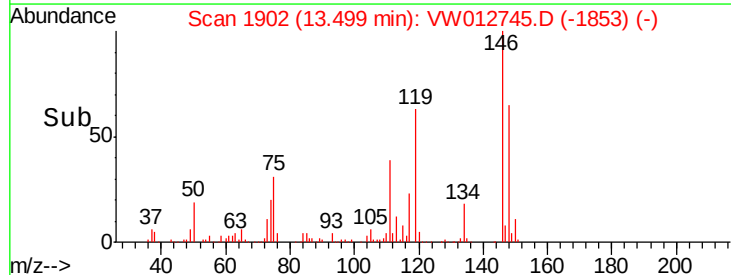
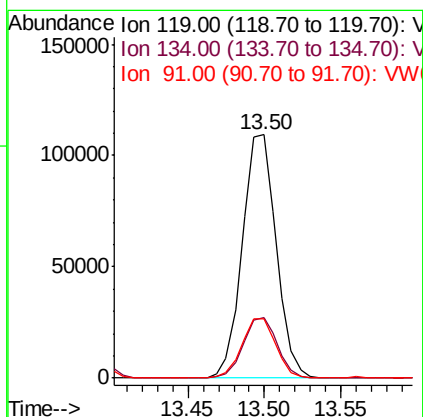
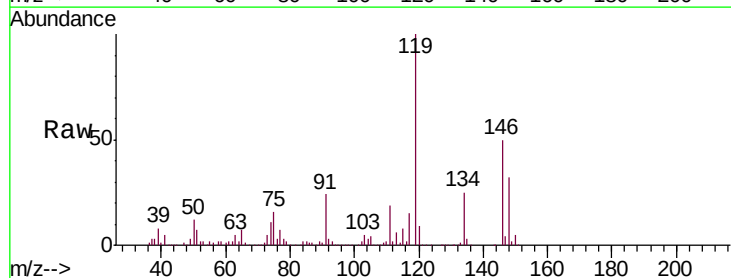
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

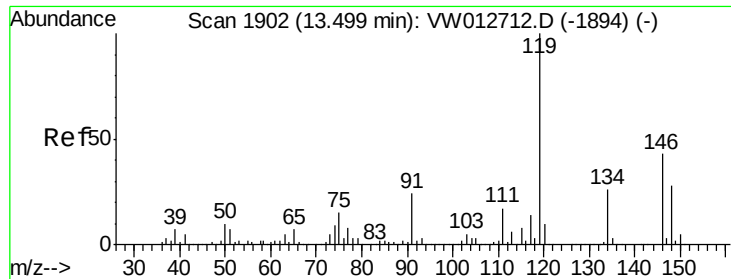
Tgt Ion:105 Resp: 191852
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.043 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion:119 Resp: 167853
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 24.7 12.2 36.6

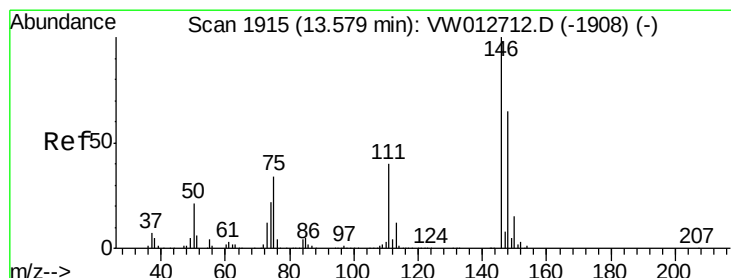
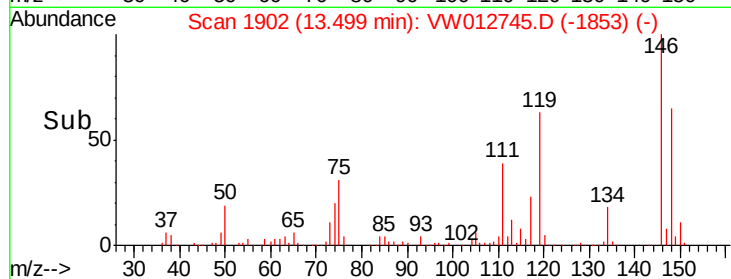
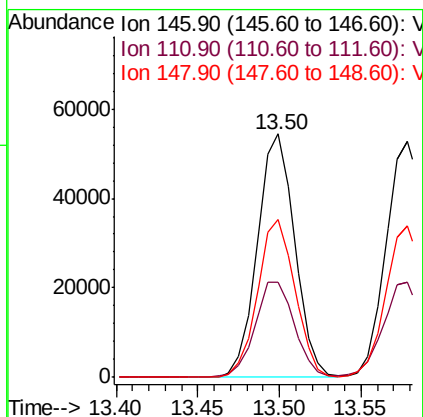
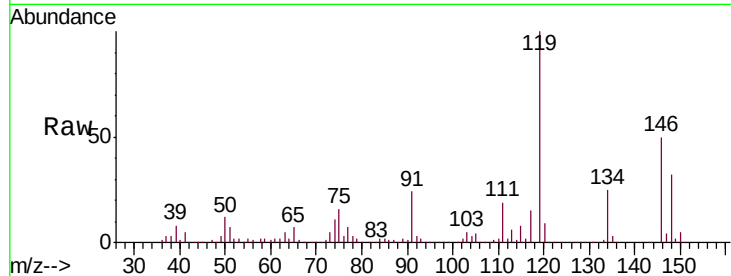




#87
 1,3-Dichlorobenzene
 Concen: 18.554 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

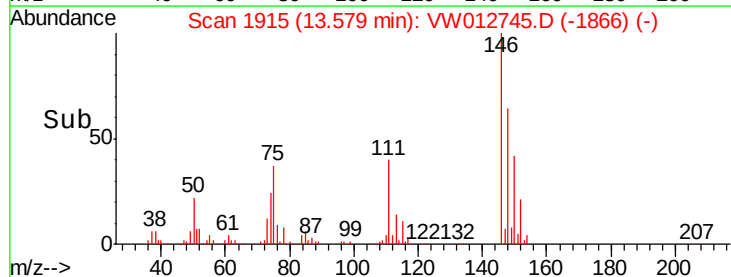
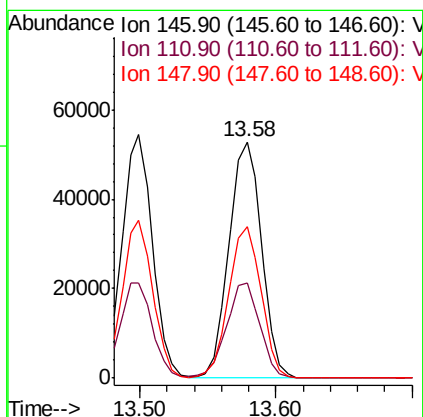
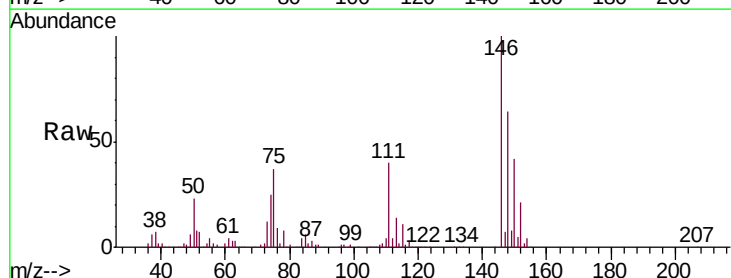
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

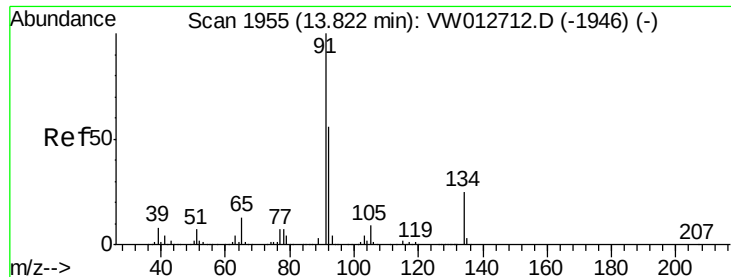
Tgt Ion:146 Resp: 86168
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.2
 148 65.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.025 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion:146 Resp: 87919
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 60.0
 148 64.1 32.2 96.6





#89

n-Butylbenzene

Concen: 16.564 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

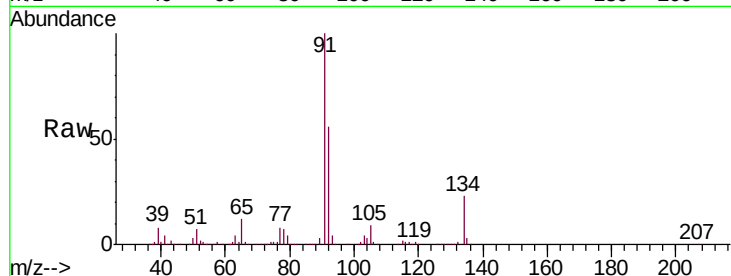
Tgt Ion: 91 Resp: 158379

Ion Ratio Lower Upper

91 100

92 54.1 27.2 81.5

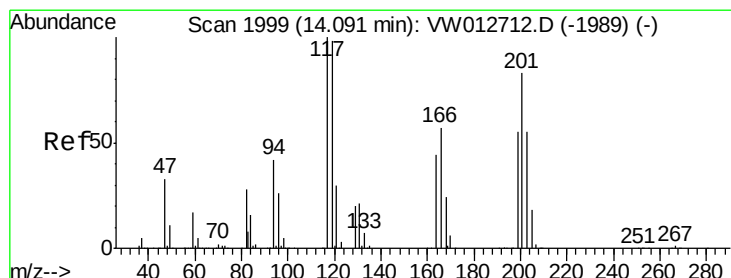
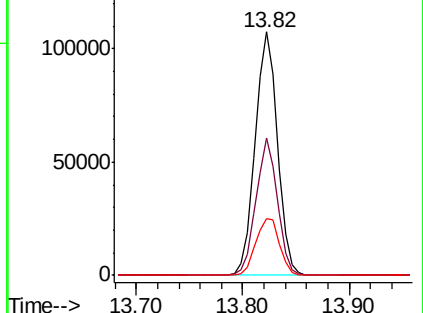
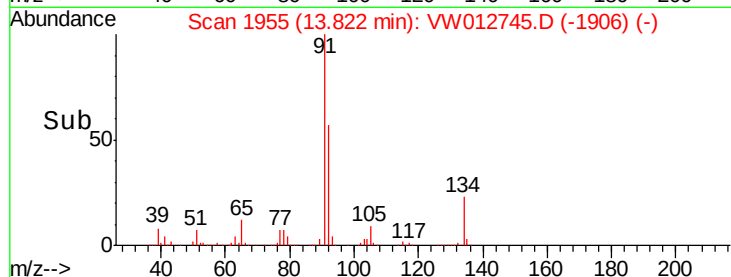
134 24.9 12.7 38.1



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: 18.410 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012745.D

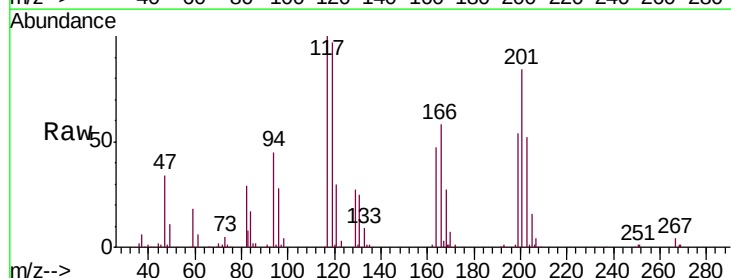
Acq: 08 Sep 2019 04:06

Tgt Ion: 117 Resp: 31654

Ion Ratio Lower Upper

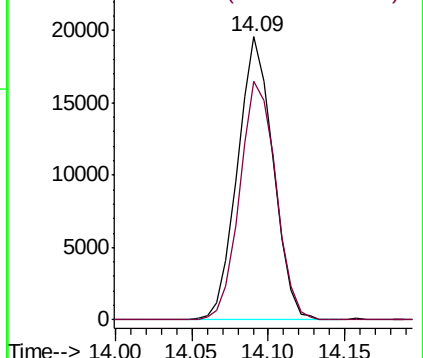
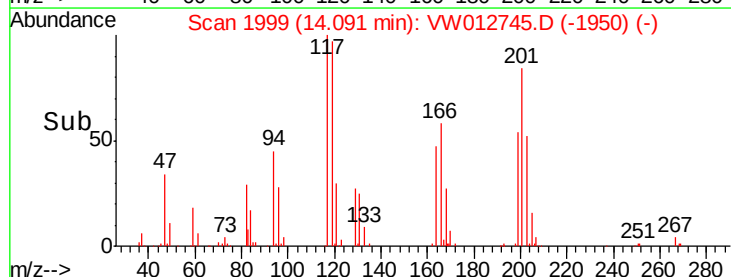
117 100

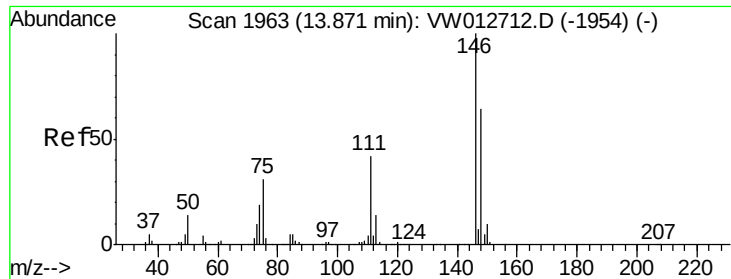
201 85.3 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

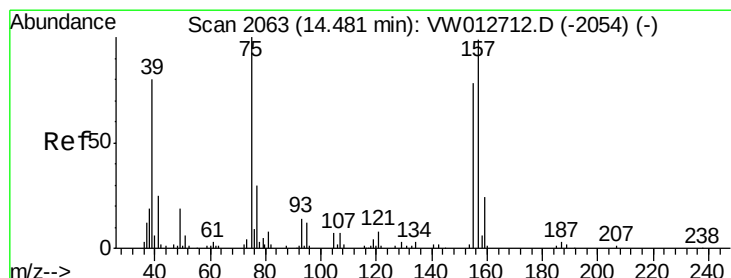
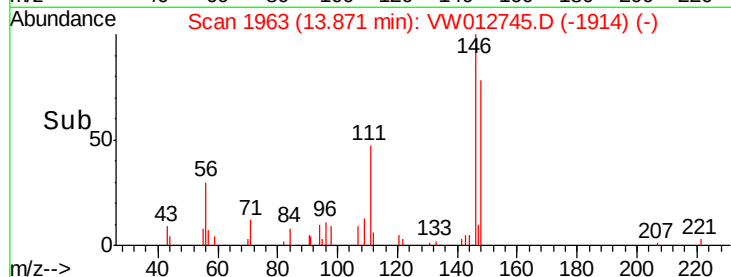
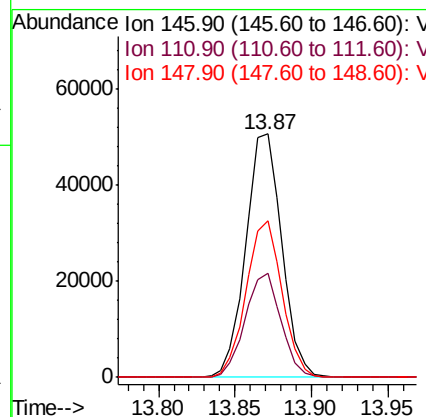
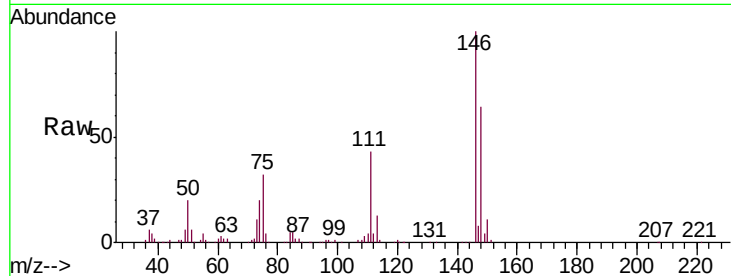




#91
 1,2-Dichlorobenzene
 Concen: 19.864 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

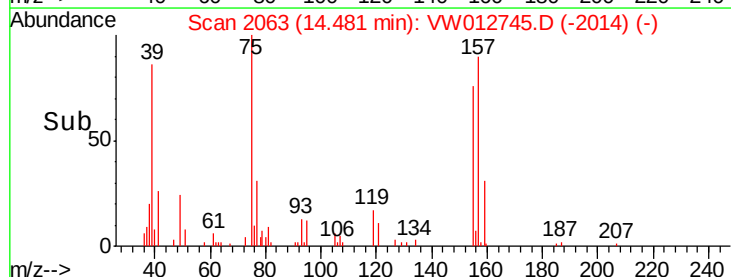
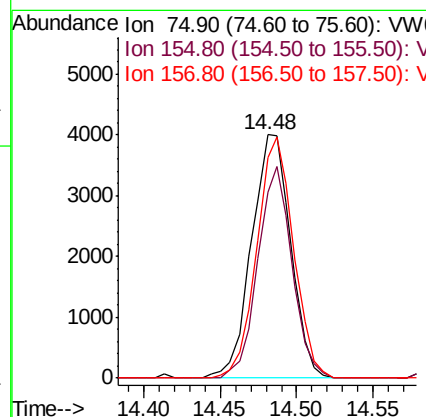
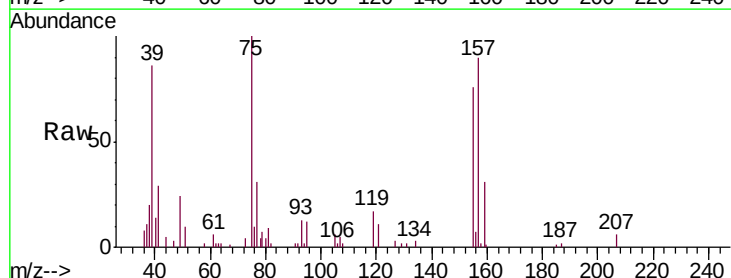
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

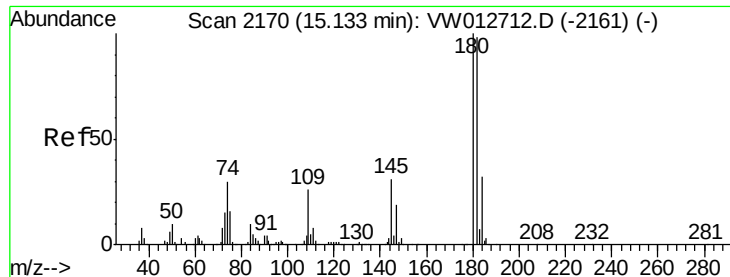
Tgt Ion:146 Resp: 83034
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 64.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.552 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion: 75 Resp: 7111
 Ion Ratio Lower Upper
 75 100
 155 76.3 40.6 122.0
 157 93.0 52.5 157.5

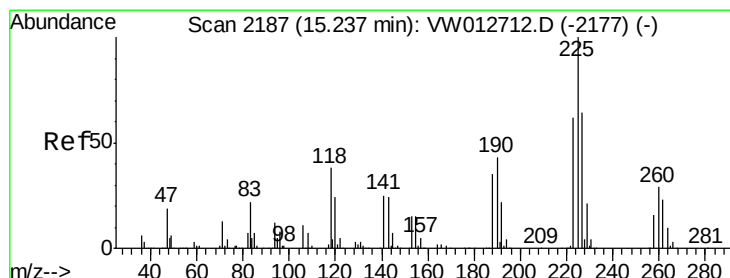
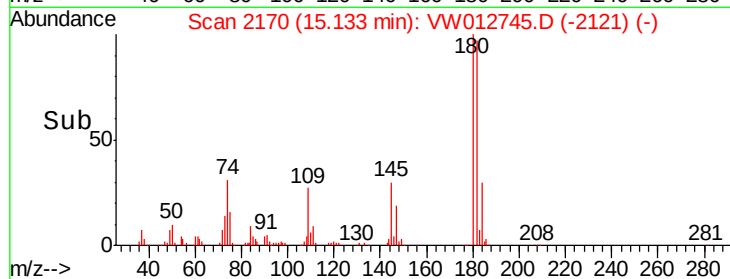
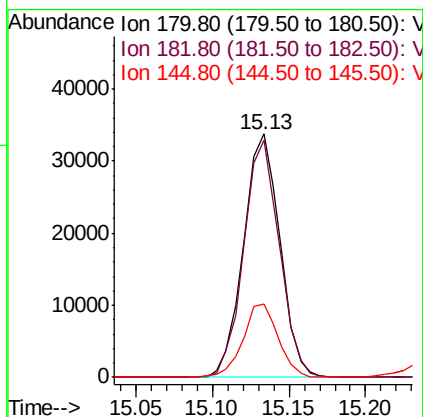
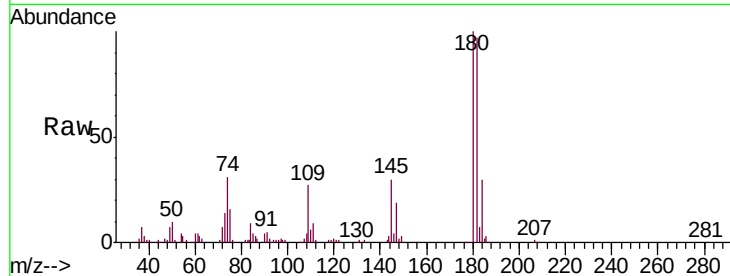




#93
 1,2,4-Trichlorobenzene
 Concen: 19.212 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

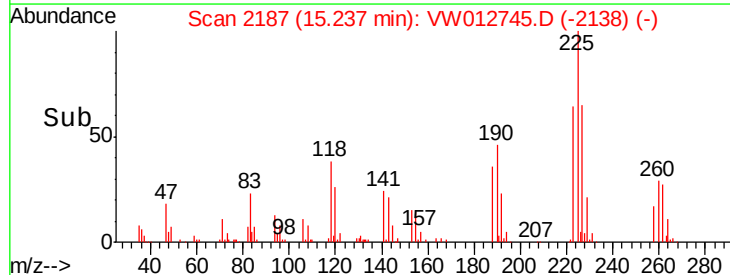
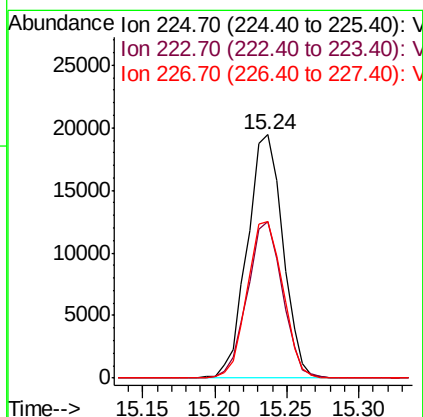
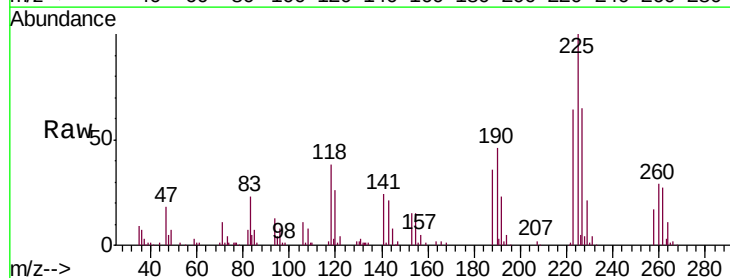
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

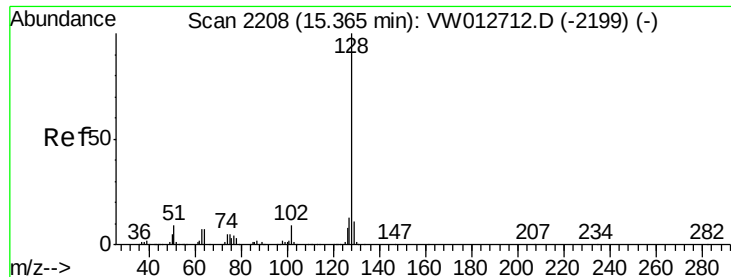
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.7	146.1
145	29.4	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 16.463 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.3
227	64.5	31.4	94.2

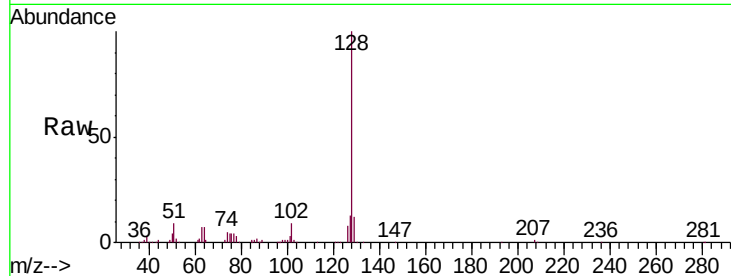




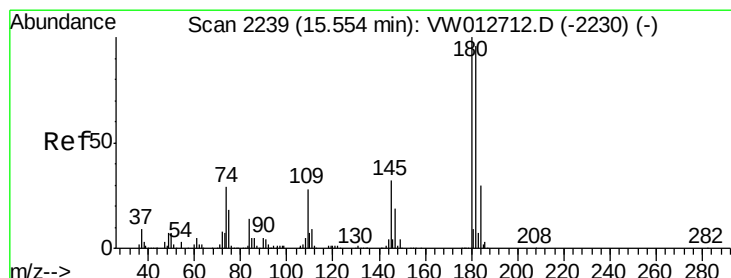
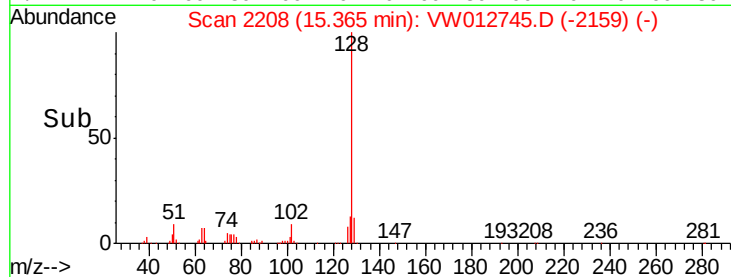
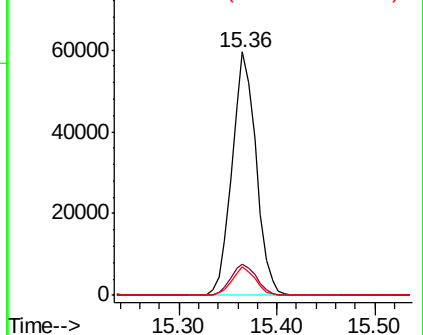
#95
Naphthalene
Concen: 19.623 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tgt Ion:128 Resp: 101656
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.2 8.7 13.1

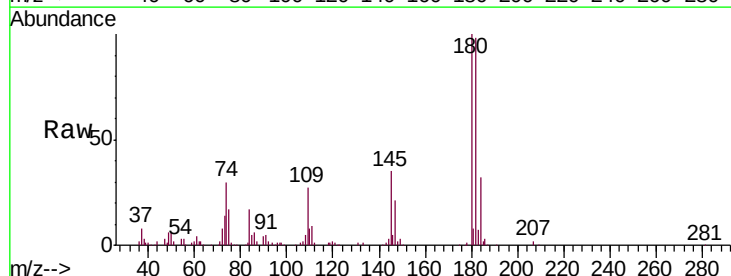


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.976 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion:180 Resp: 51317
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 32.8 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

