

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011979.D
 Acq On : 19 Aug 2019 09:56
 Operator : SY/VA
 Sample : VW0819SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 11:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134936	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.88	113	114458	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.32	98	472560	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.62	95	165636	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	35276	25.565	ug/l 98
3) Chloromethane	2.21	50	54106	22.613	ug/l 96
4) Vinyl Chloride	2.36	62	66930	23.235	ug/l 98
5) Bromomethane	2.75	94	32823	20.586	ug/l 95
6) Chloroethane	2.91	64	37053	22.519	ug/l 100
7) Trichlorofluoromethane	3.25	101	30551	23.731	ug/l 98
8) Diethyl Ether	3.68	74	28944	19.830	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55151	22.583	ug/l 98
10) Methyl Iodide	4.27	142	74576	21.609	ug/l 98
11) Tert butyl alcohol	5.17	59	19049	78.564	ug/l 97
12) 1,1-Dichloroethene	4.04	96	55646	21.581	ug/l 98
13) Acrolein	3.89	56	12573	61.635	ug/l 96
14) Allyl chloride	4.66	41	115059	20.980	ug/l 99
15) Acrylonitrile	5.36	53	71706	98.411	ug/l 99
16) Acetone	4.12	43	73161	80.900	ug/l 100
17) Carbon Disulfide	4.37	76	166485	20.629	ug/l 98
18) Methyl Acetate	4.67	43	38522	18.962	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	83436	20.391	ug/l 96
20) Methylene Chloride	4.91	84	60158	19.288	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	58235	20.949	ug/l 97
22) Diisopropyl ether	6.31	45	213303	20.629	ug/l 98
23) Vinyl Acetate	6.25	43	637356	98.100	ug/l 99
24) 1,1-Dichloroethane	6.21	63	114248	20.631	ug/l 100
25) 2-Butanone	7.17	43	101672	85.918	ug/l 99
26) 2,2-Dichloropropane	7.17	77	68648	20.157	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	63366	20.711	ug/l 98
28) Bromochloromethane	7.51	49	53680	21.839	ug/l 100
29) Tetrahydrofuran	7.52	42	63793	94.310	ug/l 97
30) Chloroform	7.68	83	105391	20.629	ug/l 99
31) Cyclohexane	7.95	56	113928	21.433	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	84442	21.703	ug/l 99
36) 1,1-Dichloropropene	8.08	75	90756	22.044	ug/l 99
37) Ethyl Acetate	7.25	43	45508	19.212	ug/l 97
38) Carbon Tetrachloride	8.07	117	77248	21.917	ug/l 94

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101302	22.346	ug/l	98
40) Benzene	8.32	78	245655	21.302	ug/l	100
41) Methacrylonitrile	7.48	41	27045	19.101	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72999	20.218	ug/l	98
43) Isopropyl Acetate	8.42	43	84921	19.494	ug/l	99
44) Trichloroethene	9.09	130	60015	21.652	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64182	20.800	ug/l	97
46) Dibromomethane	9.46	93	28893	20.516	ug/l	98
47) Bromodichloromethane	9.64	83	76278	20.648	ug/l	99
48) Methyl methacrylate	9.43	41	39824	19.031	ug/l	95
49) 1,4-Dioxane	9.45	88	8634	423.402	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	220593	97.355	ug/l	100
52) Toluene	10.38	92	149746	21.502	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	78949	20.458	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	95907	20.902	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40222	20.129	ug/l	95
56) Ethyl methacrylate	10.65	69	58843	20.124	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77156	20.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	145035	109.243	ug/l	100
59) 2-Hexanone	10.97	43	154291	96.441	ug/l	99
60) Dibromochloromethane	11.13	129	44483	20.055	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38313	20.261	ug/l	100
64) Tetrachloroethene	10.86	164	49031	22.200	ug/l	95
65) Chlorobenzene	11.66	112	148654	21.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	51472	21.668	ug/l	99
67) Ethyl Benzene	11.73	91	287042	22.100	ug/l	100
68) m/p-Xylenes	11.84	106	210221	44.506	ug/l	98
69) o-Xylene	12.16	106	96869	22.069	ug/l	100
70) Styrene	12.18	104	166949	21.998	ug/l	99
71) Bromoform	12.35	173	25648	21.177	ug/l #	99
73) Isopropylbenzene	12.46	105	272982	21.998	ug/l	100
74) N-amyl acetate	12.27	43	80989	20.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48016	20.571	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63694	36.189	ug/l #	100
77) Bromobenzene	12.75	156	58303	21.257	ug/l	100
78) n-propylbenzene	12.80	91	333593	22.089	ug/l	100
79) 2-Chlorotoluene	12.89	91	187685	21.572	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	226772	21.801	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15977	20.921	ug/l	98
82) 4-Chlorotoluene	12.99	91	195244	21.389	ug/l	99
83) tert-Butylbenzene	13.21	119	193929	22.294	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	230254	21.974	ug/l	100
85) sec-Butylbenzene	13.38	105	278432	22.433	ug/l	100
86) p-Isopropyltoluene	13.50	119	252575	22.428	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	114254	21.245	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	115115	21.517	ug/l	99
89) n-Butylbenzene	13.82	91	248941	22.151	ug/l	99
90) Hexachloroethane	14.09	117	44035	22.113	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	101959	21.435	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8215	20.639	ug/l	99

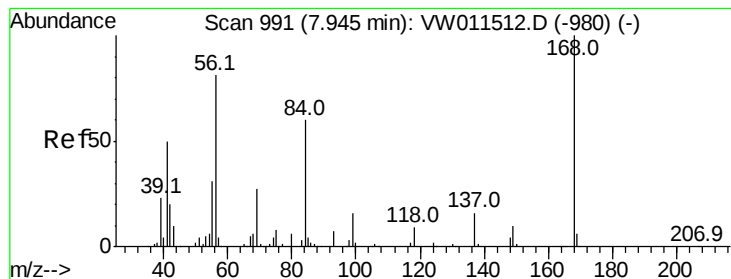
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72650	21.672	ug/l	99
94) Hexachlorobutadiene	15.24	225	48455	23.178	ug/l	99
95) Naphthalene	15.37	128	122177	19.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	61807	21.034	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

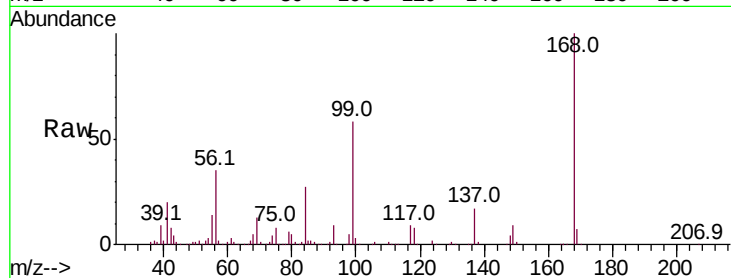
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 247585

Ion Ratio Lower Upper

168 100

99 58.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

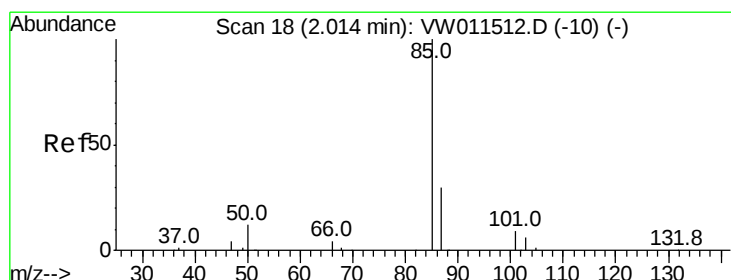
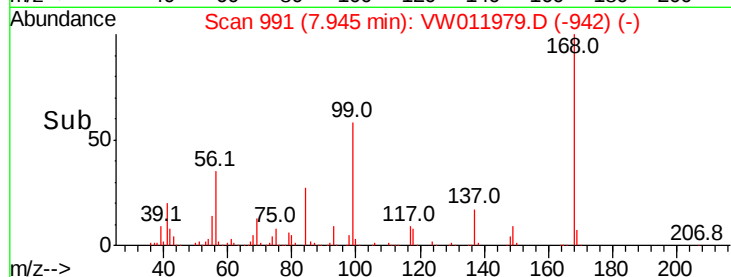
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 25.565 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011979.D

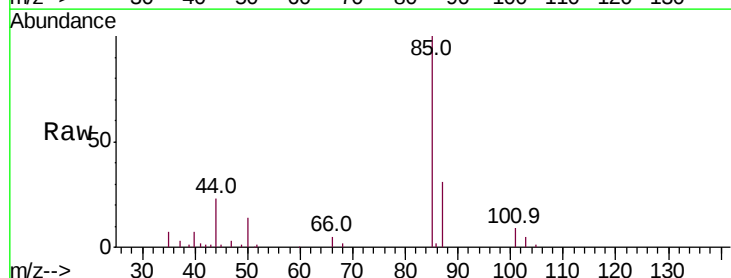
Acq: 19 Aug 2019 09:56

Tgt Ion: 85 Resp: 35276

Ion Ratio Lower Upper

85 100

87 31.2 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

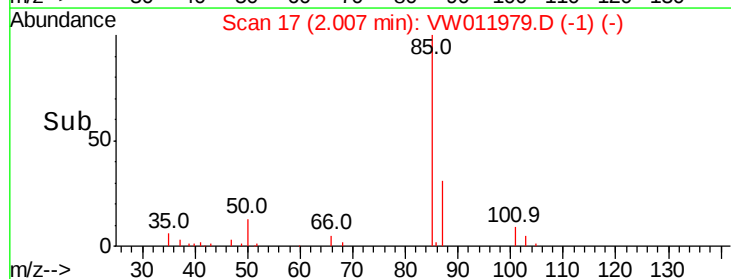
2.01

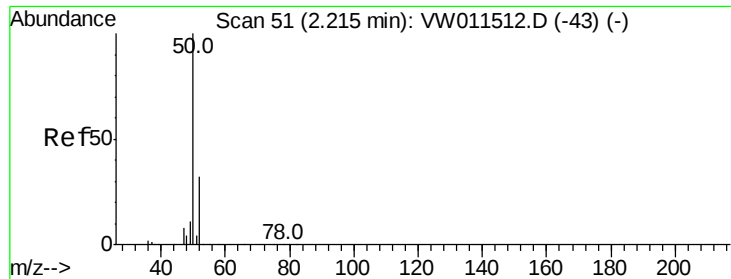
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 22.613 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

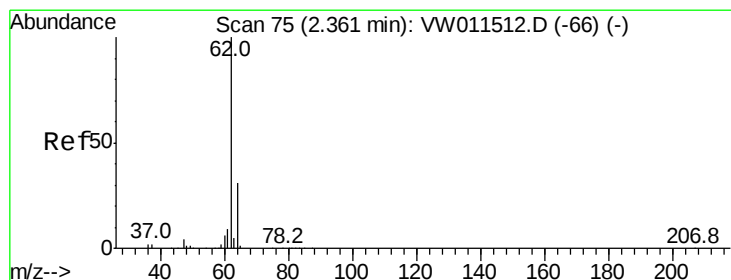
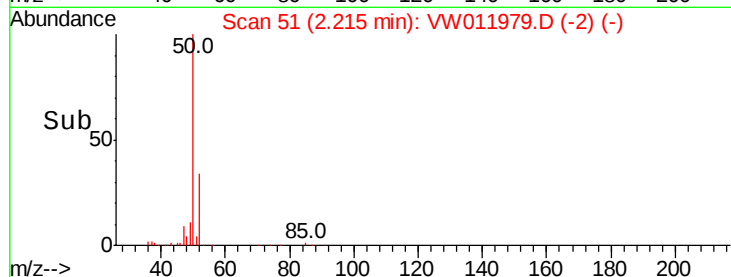
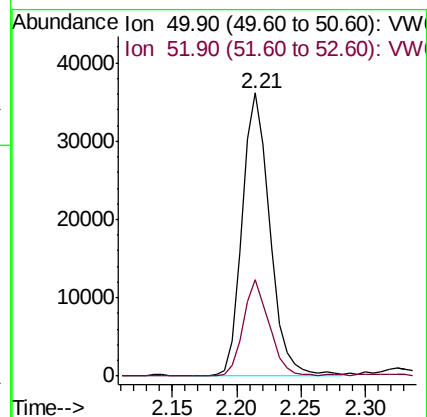
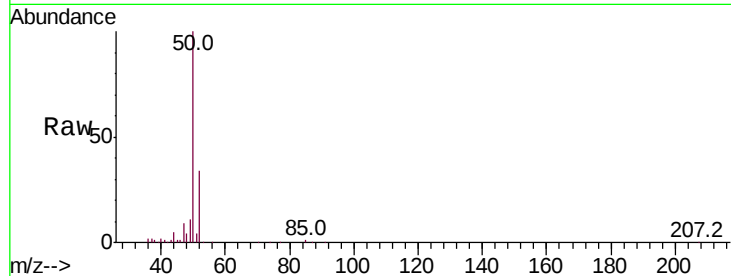
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 54106

Ion Ratio Lower Upper

50 100

52 33.9 25.4 38.2



#4

Vinyl Chloride

Concen: 23.235 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011979.D

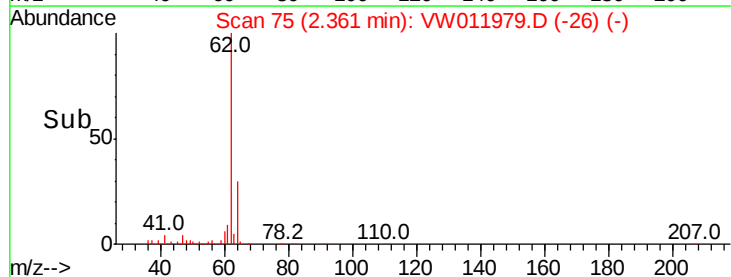
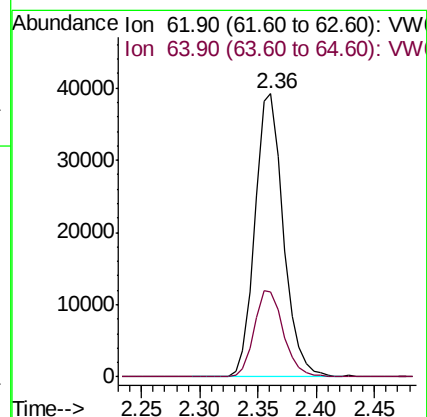
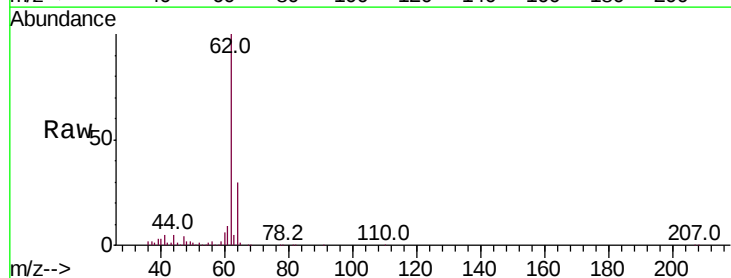
Acq: 19 Aug 2019 09:56

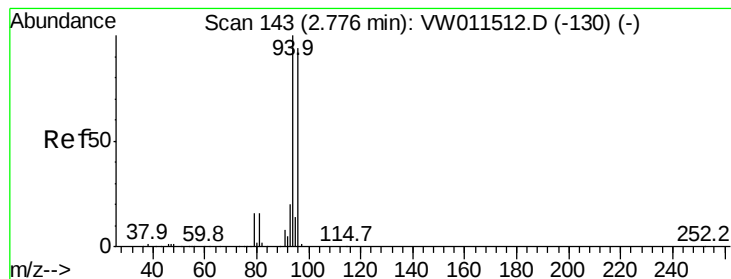
Tgt Ion: 62 Resp: 66930

Ion Ratio Lower Upper

62 100

64 30.0 25.0 37.4





#5

Bromomethane

Concen: 20.586 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.03 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

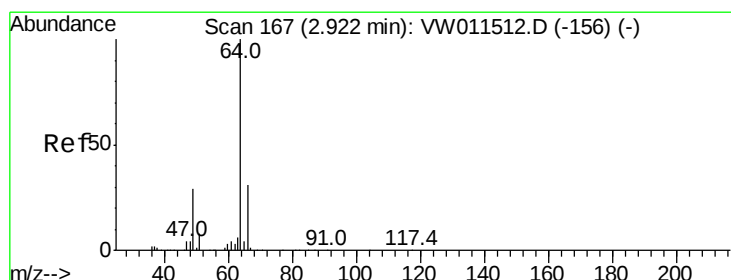
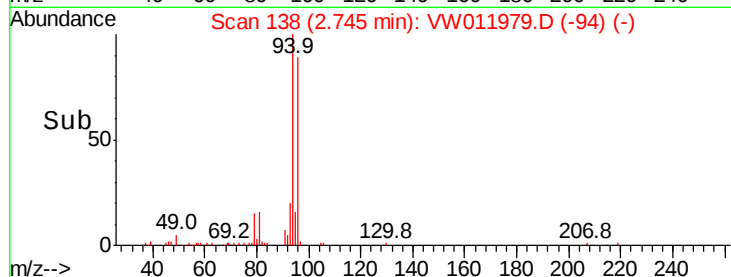
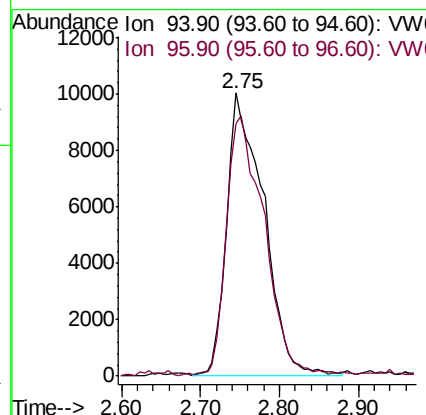
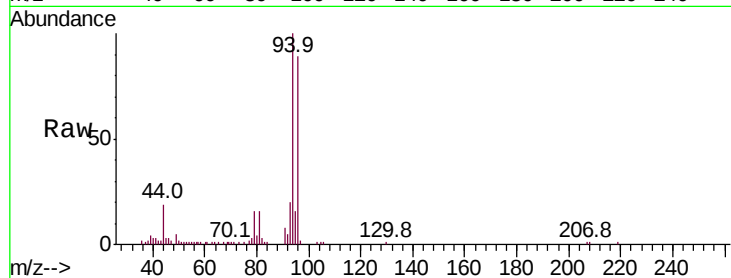
ClientSampled :

Tot Ion: 94 Resp: 32823

Ion Ratio Lower Upper

94 100

96 88.5 75.0 112.6



#6

Chloroethane

Concen: 22.519 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011979.D

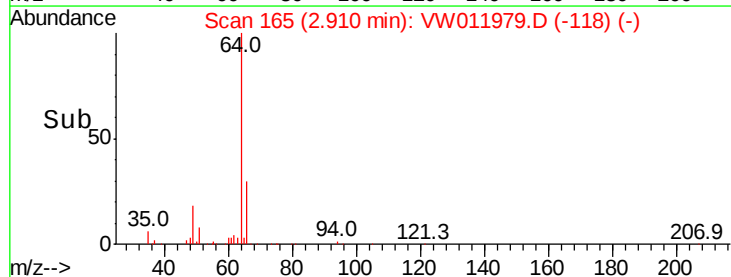
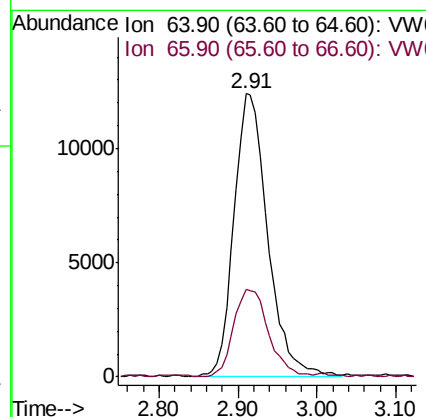
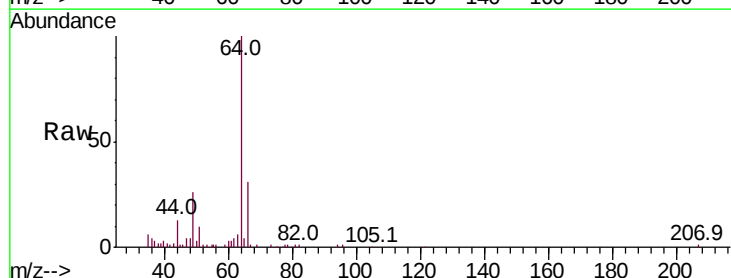
Acq: 19 Aug 2019 09:56

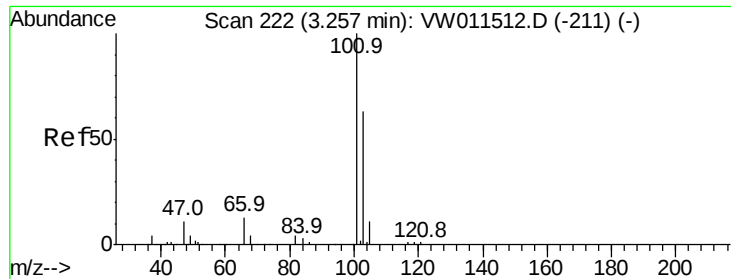
Tgt Ion: 64 Resp: 37053

Ion Ratio Lower Upper

64 100

66 30.9 24.6 36.8



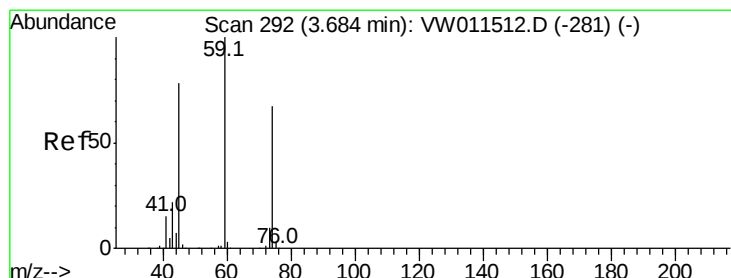
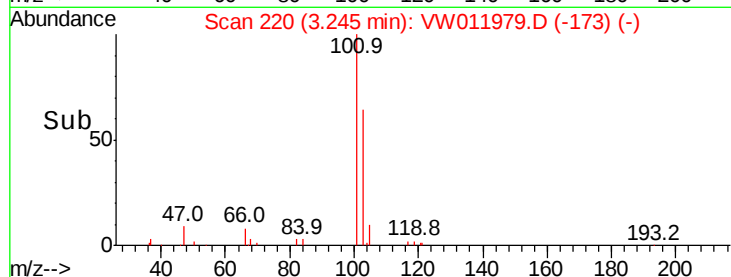
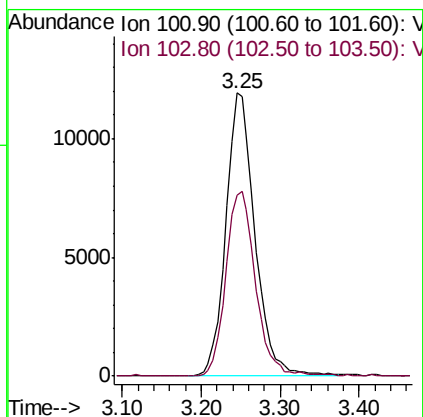
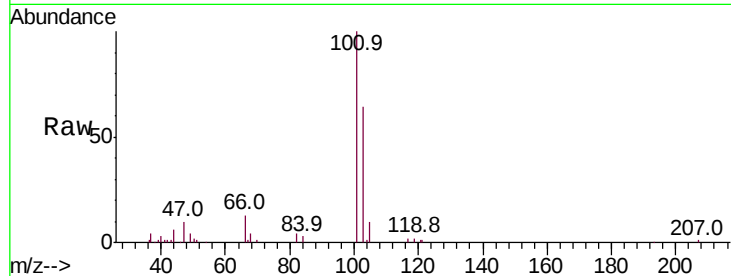


#7

Trichlorofluoromethane
Concen: 23.731 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :

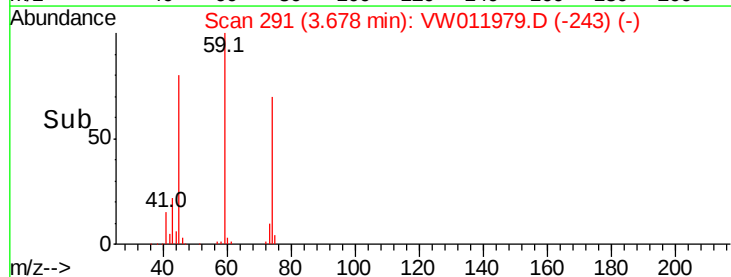
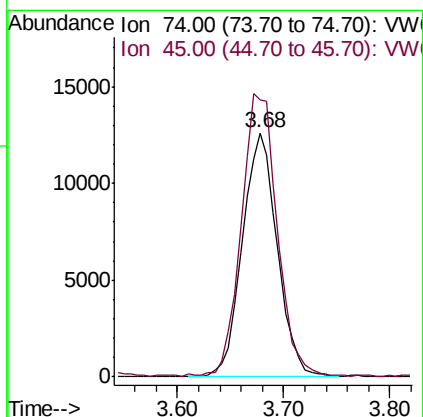
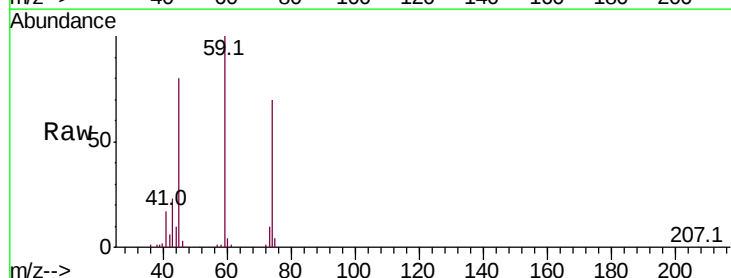
Tot Ion:101 Resp: 30551
Ion Ratio Lower Upper
101 100
103 64.1 50.2 75.4

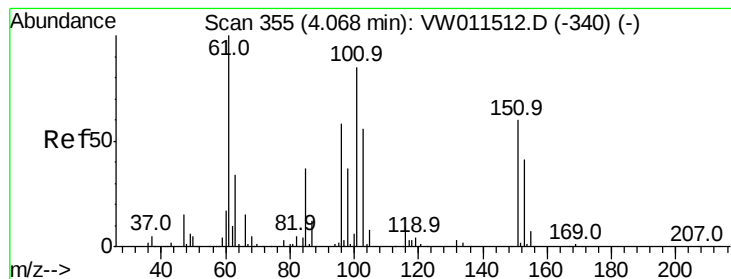


#8

Diethyl Ether
Concen: 19.830 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion: 74 Resp: 28944
Ion Ratio Lower Upper
74 100
45 119.8 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.583 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

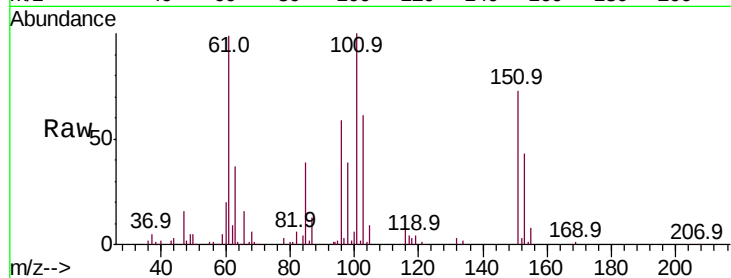
Tot Ion:101 Resp: 55151

Ion Ratio Lower Upper

101 100

85 44.5 36.6 54.8

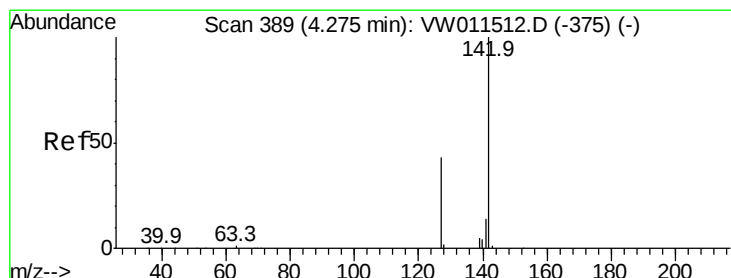
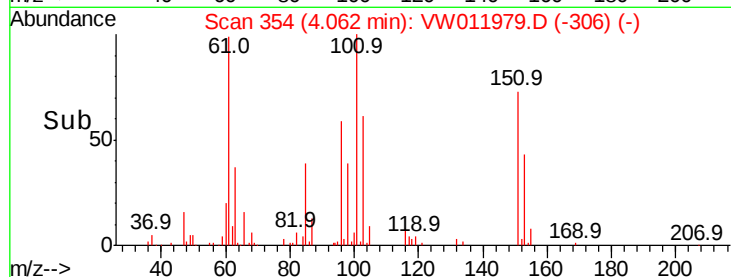
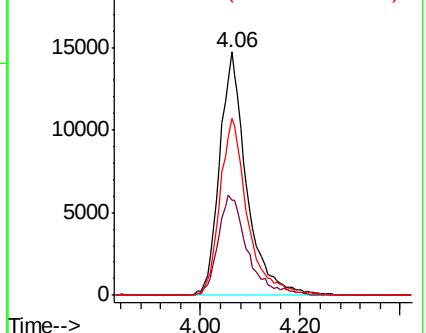
151 73.2 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.609 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

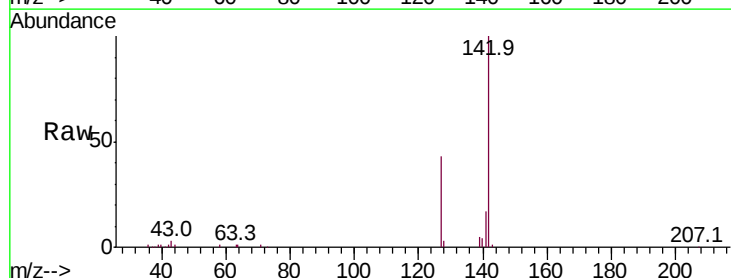
Tgt Ion:142 Resp: 74576

Ion Ratio Lower Upper

142 100

127 42.6 35.0 52.6

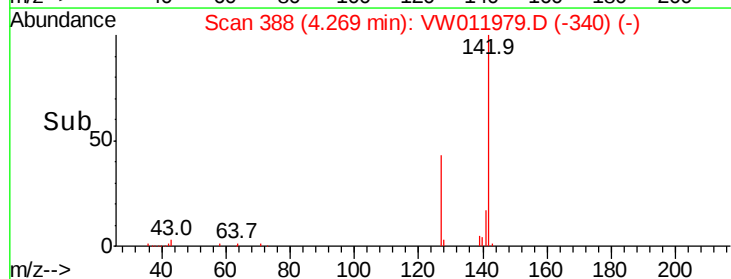
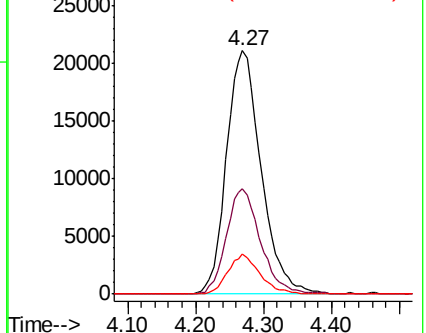
141 15.2 11.9 17.9

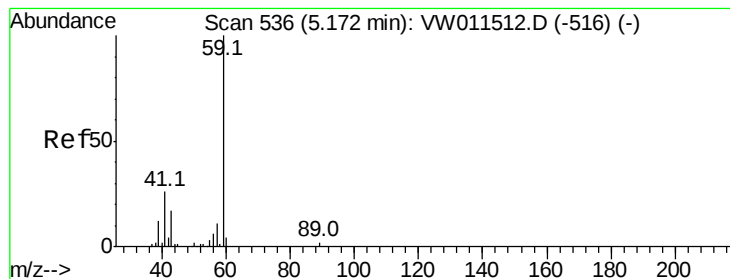


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 78.564 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

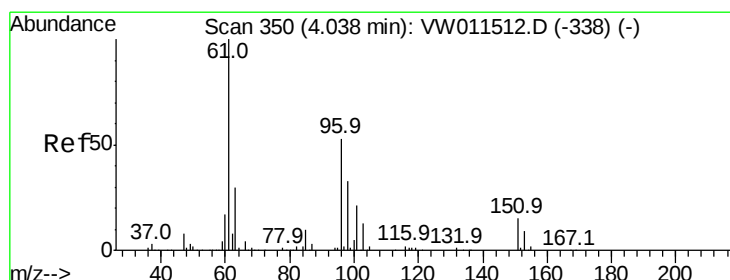
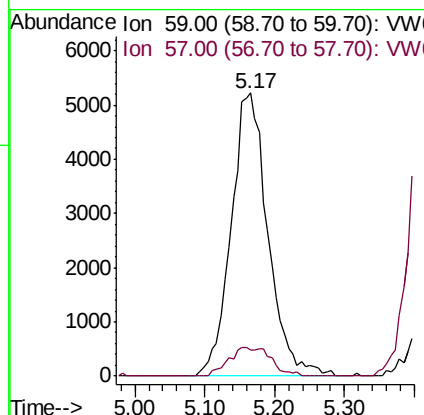
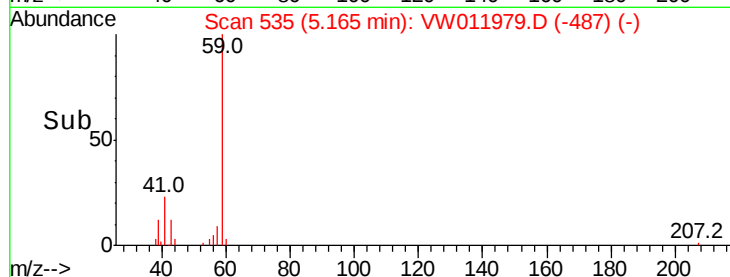
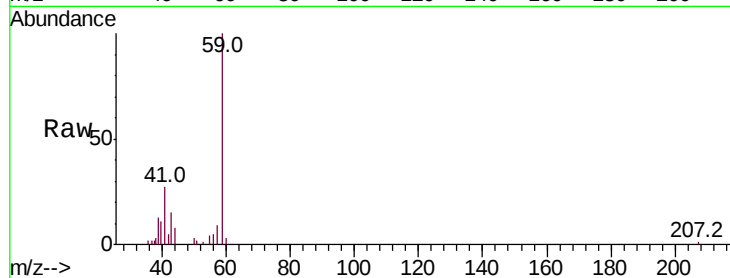
ClientSampleId :

Tot Ion: 59 Resp: 19049

Ion Ratio Lower Upper

59 100

57 11.8 8.5 12.7



#12

1,1-Dichloroethene

Concen: 21.581 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

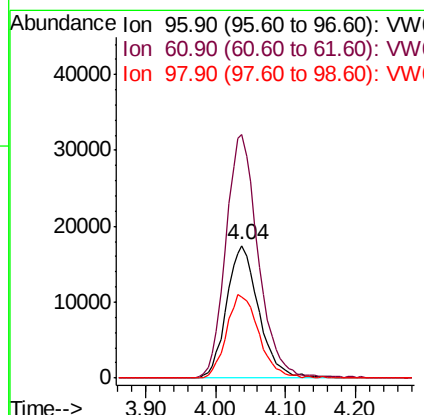
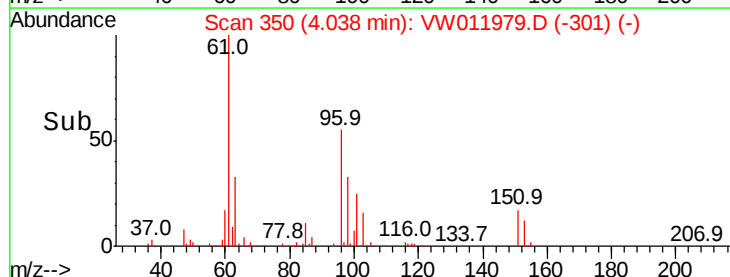
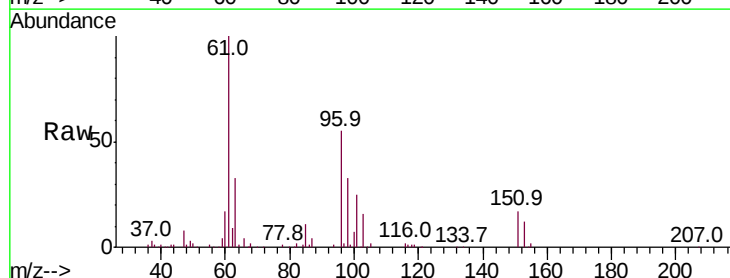
Tgt Ion: 96 Resp: 55646

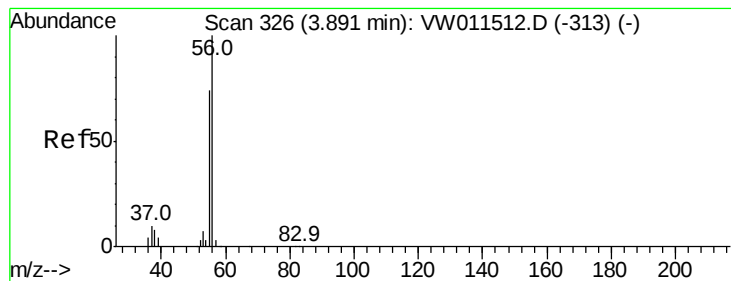
Ion Ratio Lower Upper

96 100

61 183.5 149.9 224.9

98 61.4 49.1 73.7





#13

Acrolein

Concen: 61.635 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

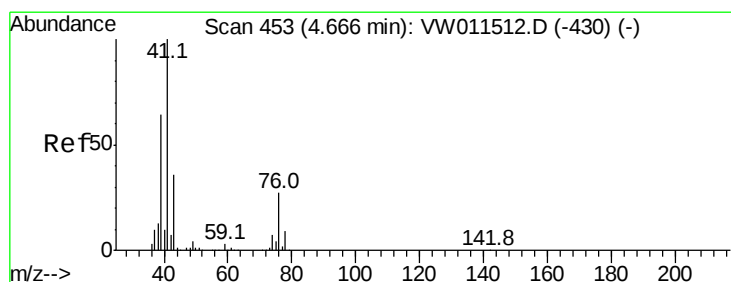
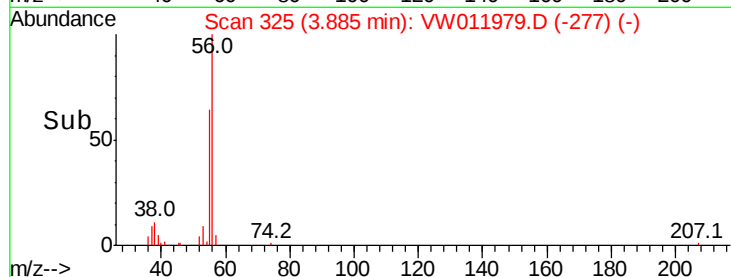
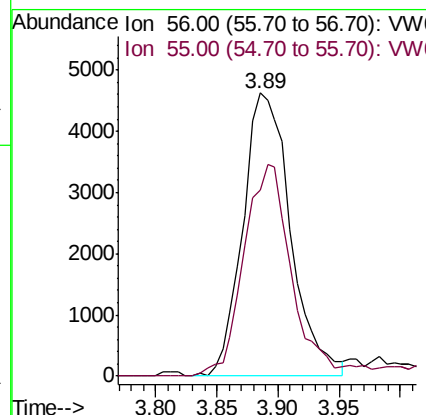
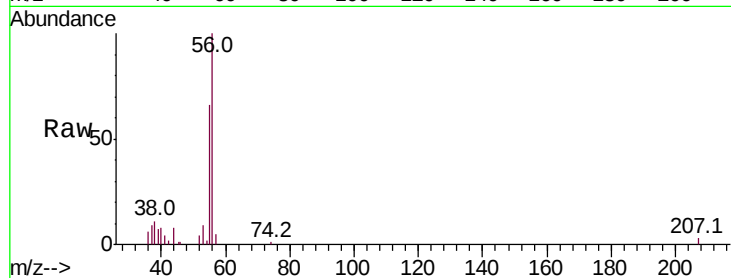
ClientSampleId :

Tot Ion: 56 Resp: 12573

Ion Ratio Lower Upper

56 100

55 73.7 56.0 84.0



#14

Allyl chloride

Concen: 20.980 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

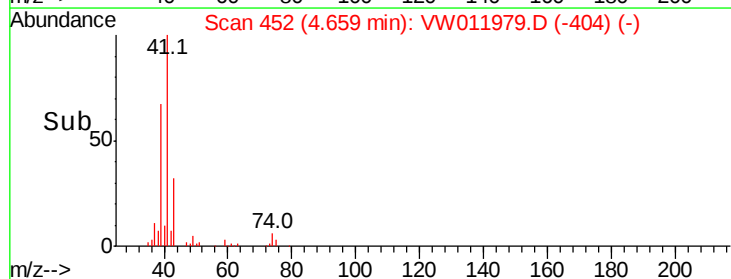
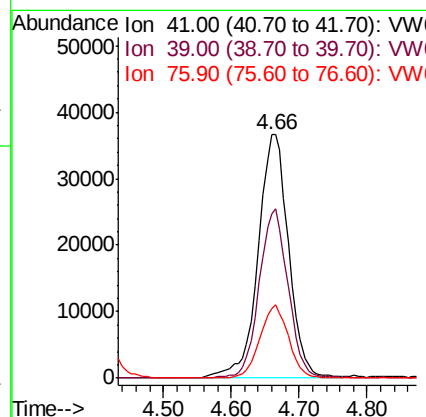
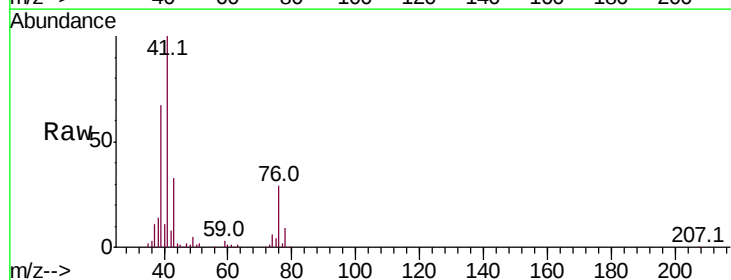
Tgt Ion: 41 Resp: 115059

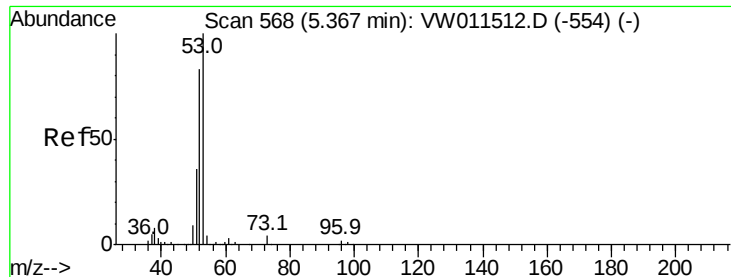
Ion Ratio Lower Upper

41 100

39 66.2 52.6 78.8

76 27.9 22.0 33.0





#15

Acrylonitrile

Concen: 98.411 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

ClientSampled :

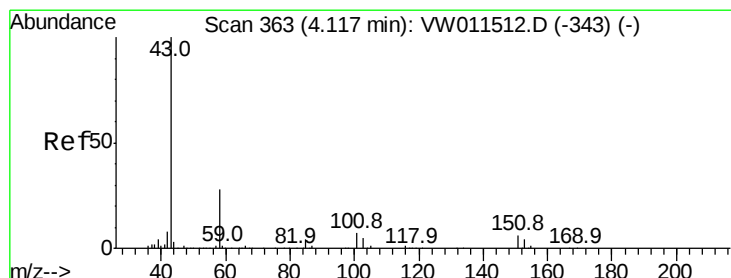
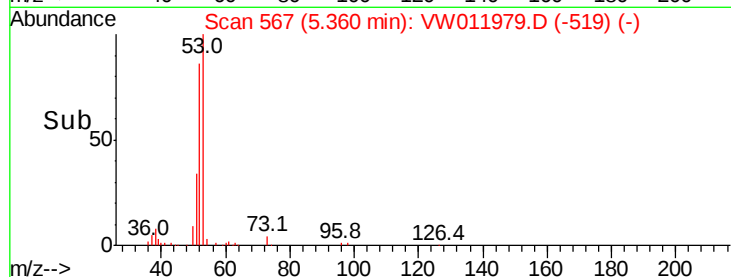
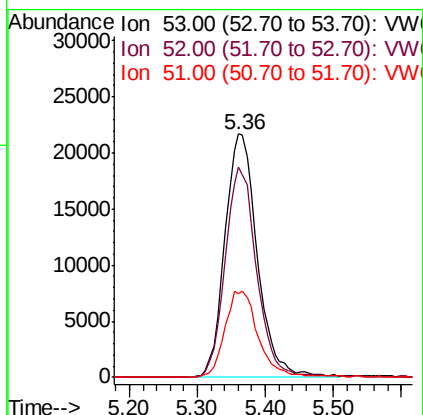
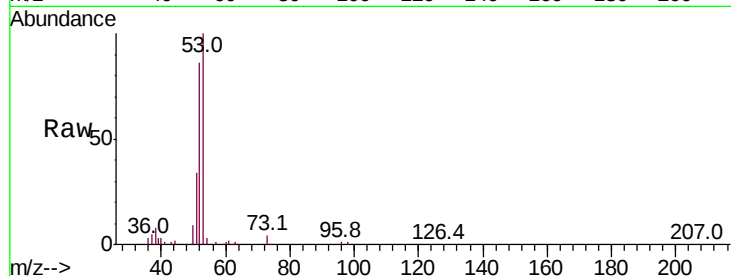
Tot Ion: 53 Resp: 71706

Ion Ratio Lower Upper

53 100

52 84.0 67.2 100.8

51 36.5 30.0 45.0



#16

Acetone

Concen: 80.900 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011979.D

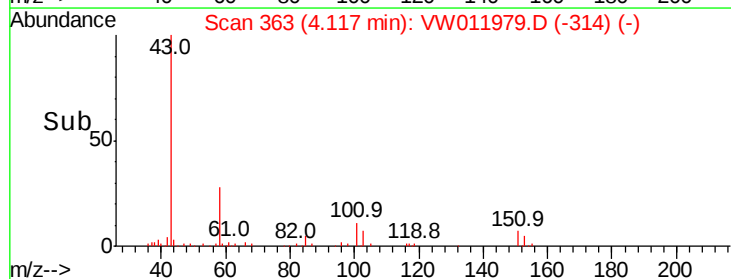
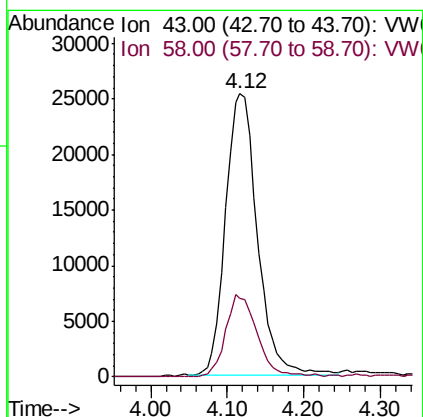
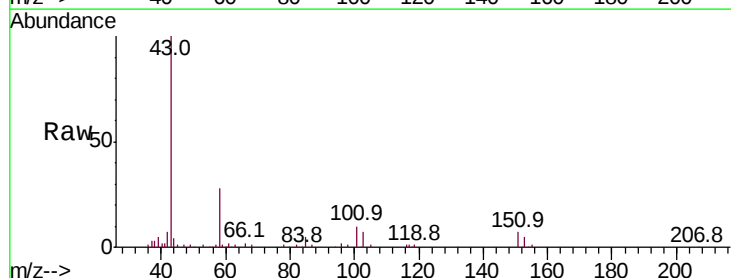
Acq: 19 Aug 2019 09:56

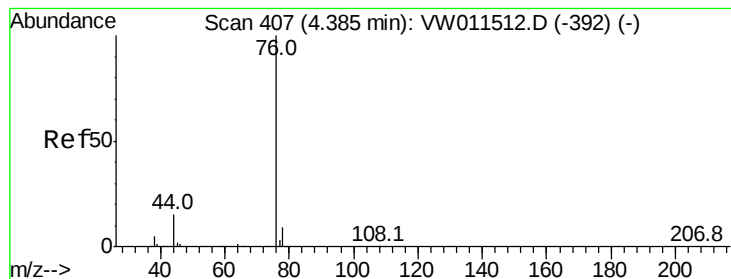
Tgt Ion: 43 Resp: 73161

Ion Ratio Lower Upper

43 100

58 27.9 22.3 33.5





#17

Carbon Disulfide

Concen: 20.629 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

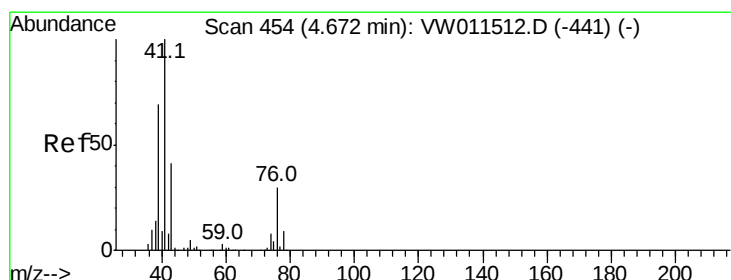
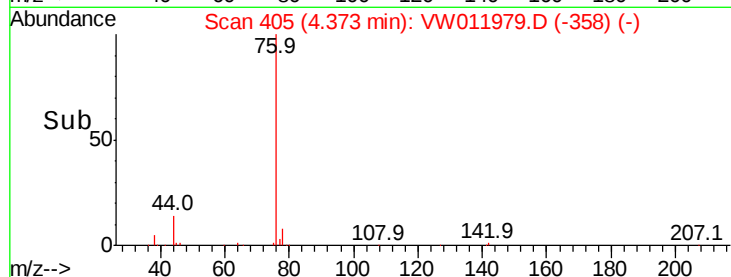
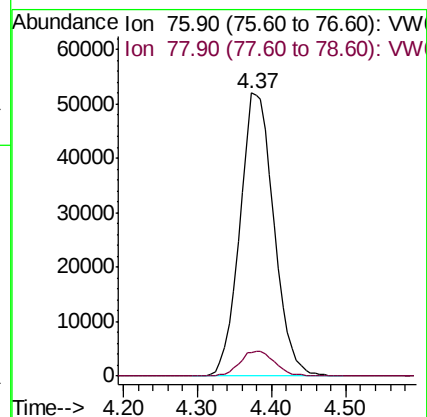
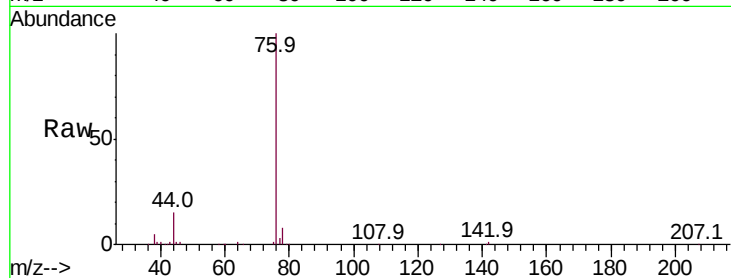
ClientSampled :

Tot Ion: 76 Resp: 166485

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7



#18

Methyl Acetate

Concen: 18.962 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW011979.D

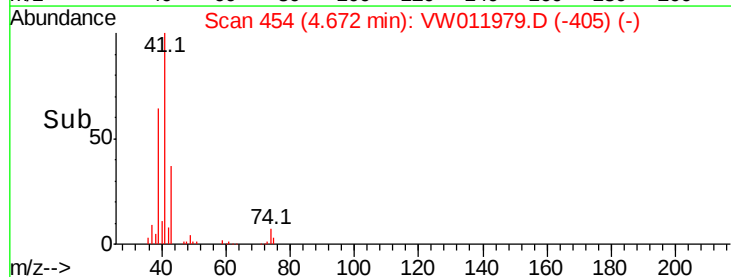
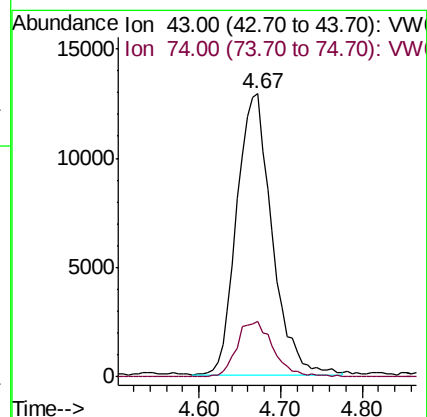
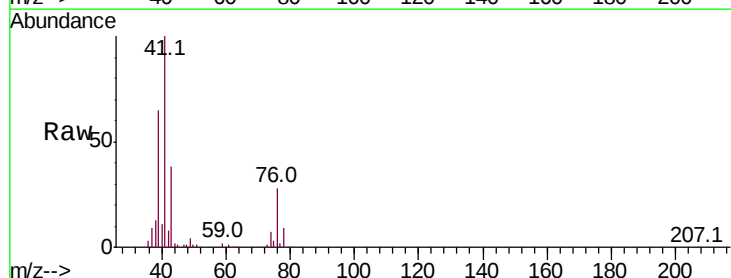
Acq: 19 Aug 2019 09:56

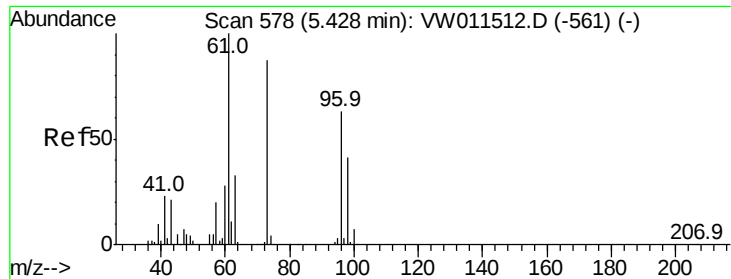
Tgt Ion: 43 Resp: 38522

Ion Ratio Lower Upper

43 100

74 20.5 15.9 23.9

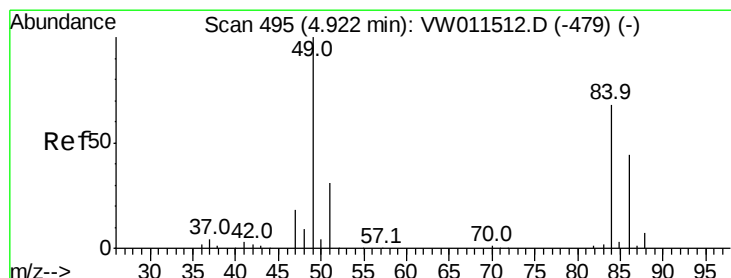
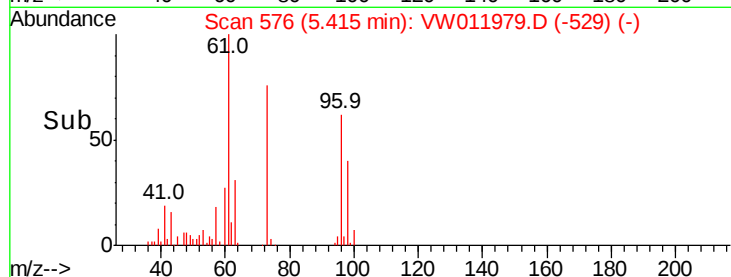
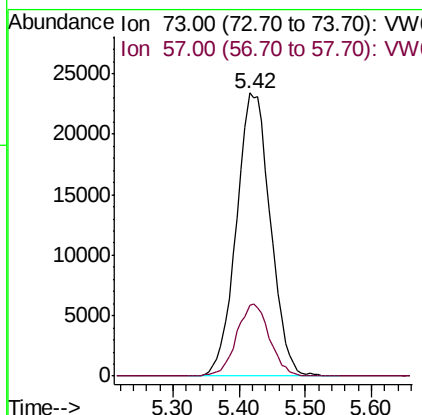
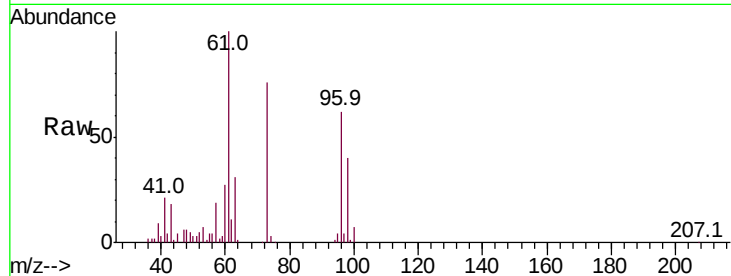




#19
Methvl tert-butvl Ether
Concen: 20.391 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

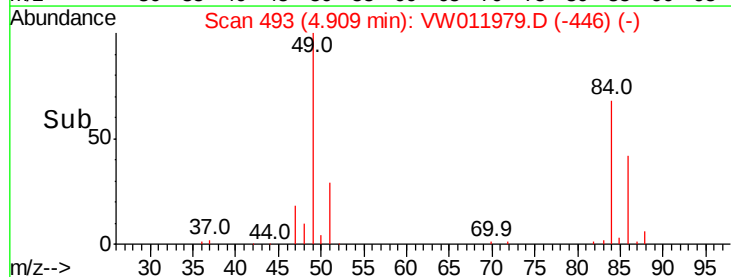
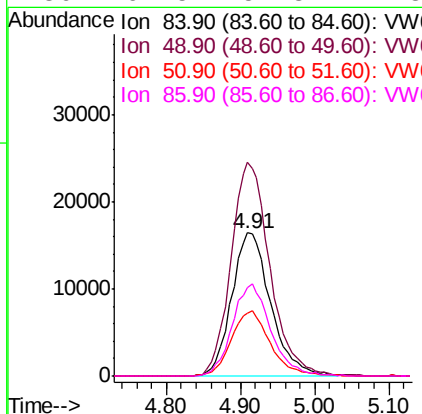
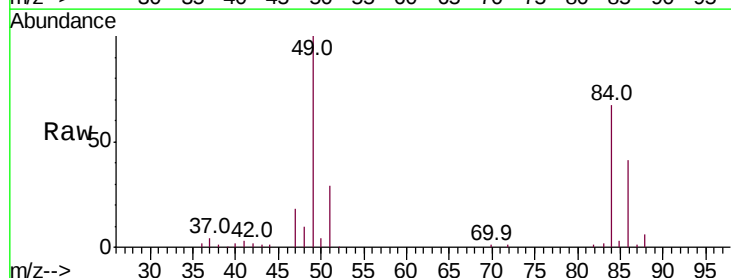
Instrument :
MSVOA_W
ClientSampled :

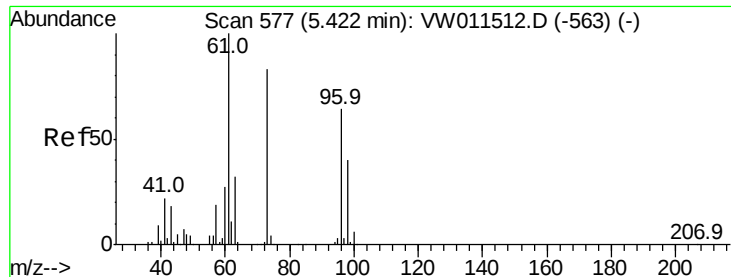
Tot Ion: 73 Resp: 83436
Ion Ratio Lower Upper
73 100
57 25.1 18.4 27.6



#20
Methylene Chloride
Concen: 19.288 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion: 84 Resp: 60158
Ion Ratio Lower Upper
84 100
49 149.1 117.8 176.6
51 43.9 37.0 55.4
86 61.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.949 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :

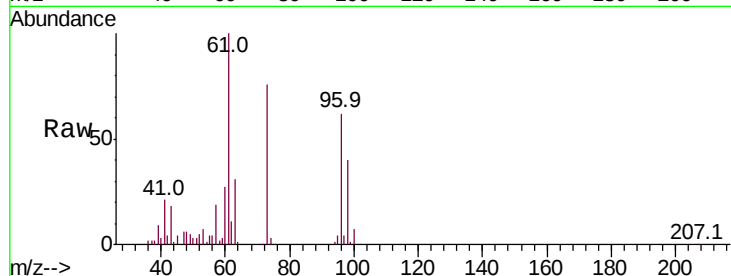
Tot Ion: 96 Resp: 58235

Ion Ratio Lower Upper

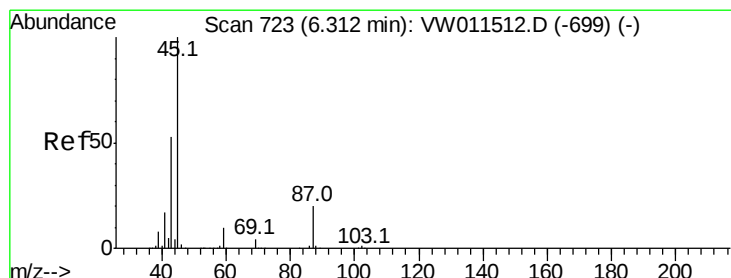
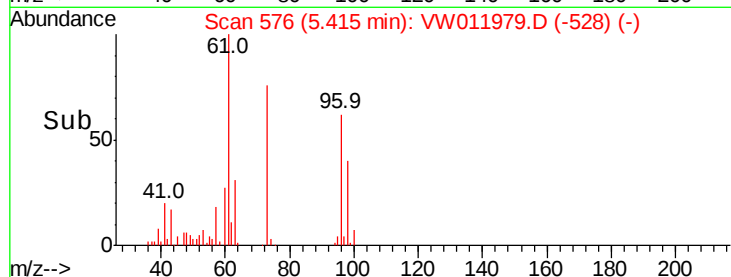
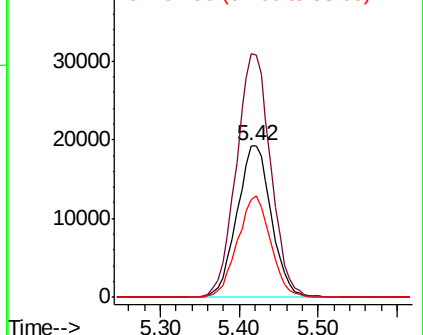
96 100

61 160.7 125.7 188.5

98 64.9 50.3 75.5



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: 20.629 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Tgt Ion: 45 Resp: 213303

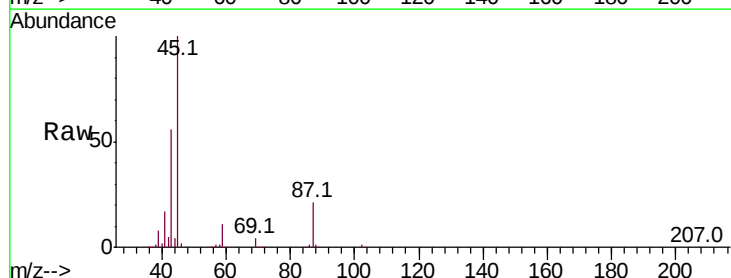
Ion Ratio Lower Upper

45 100

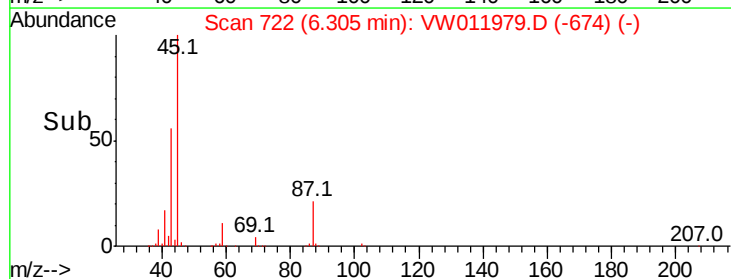
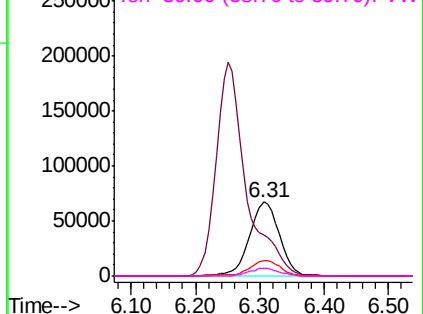
43 55.2 42.6 63.8

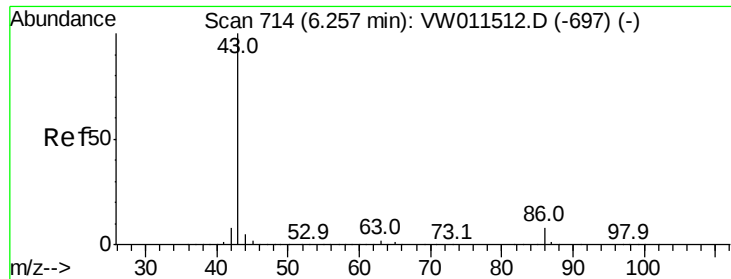
87 21.2 16.4 24.6

59 10.7 8.2 12.2



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: 98.100 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

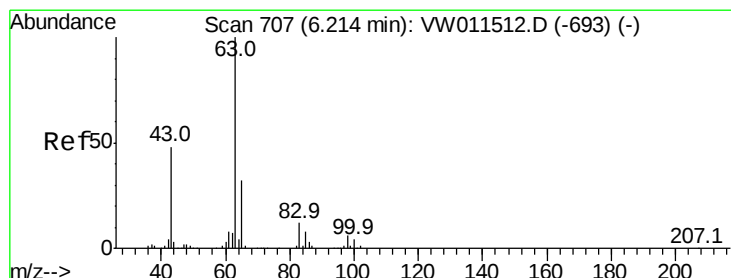
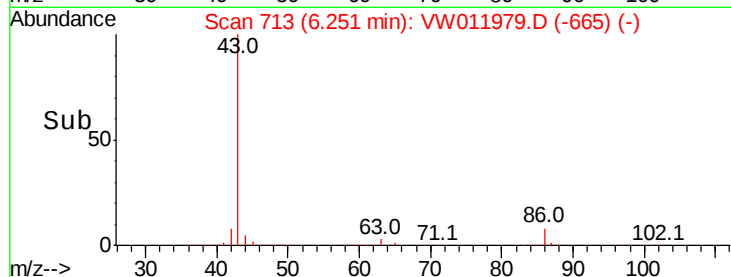
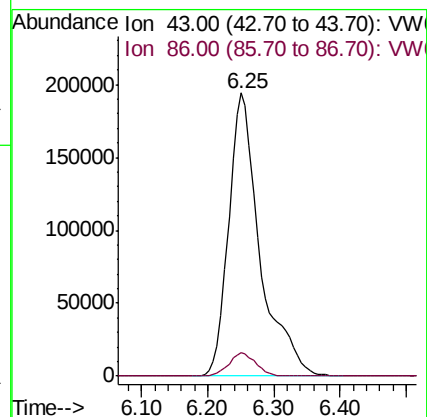
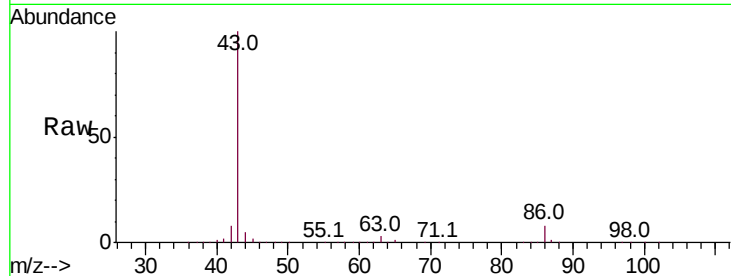
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 637356

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



#24

1,1-Dichloroethane

Concen: 20.631 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

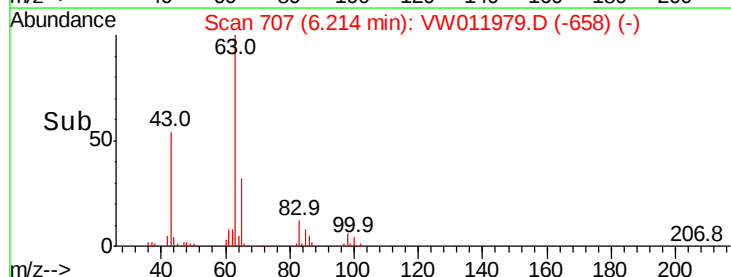
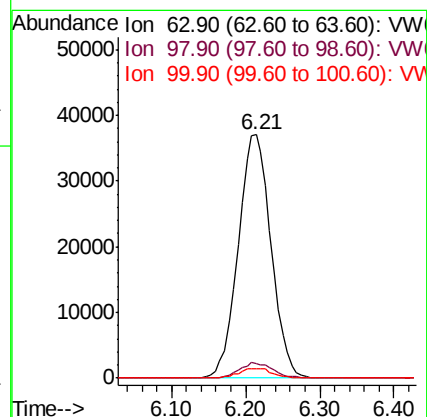
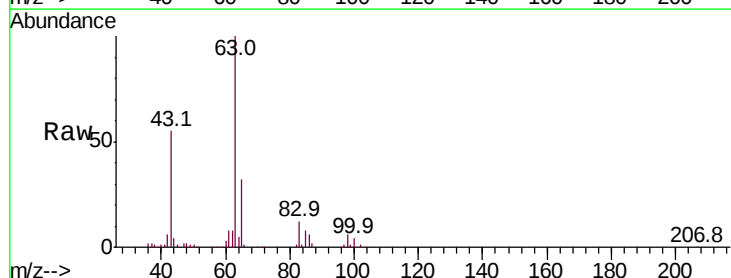
Tgt Ion: 63 Resp: 114248

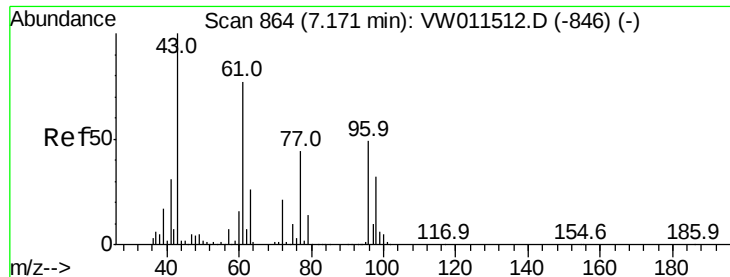
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 85.918 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

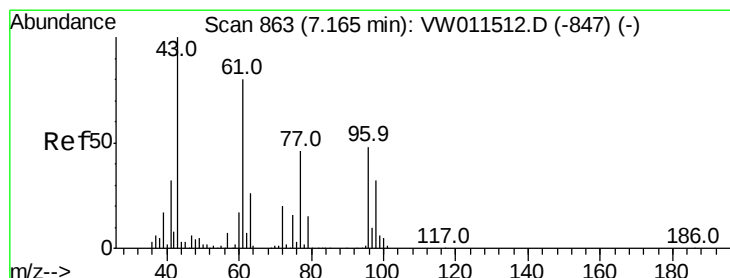
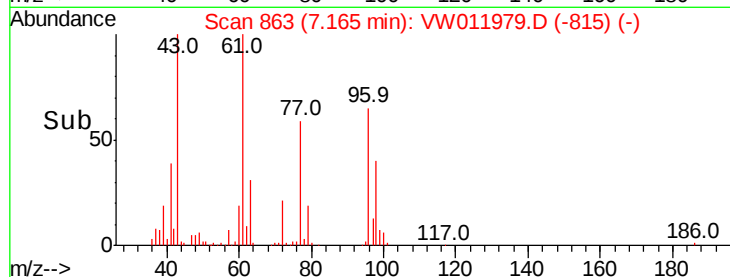
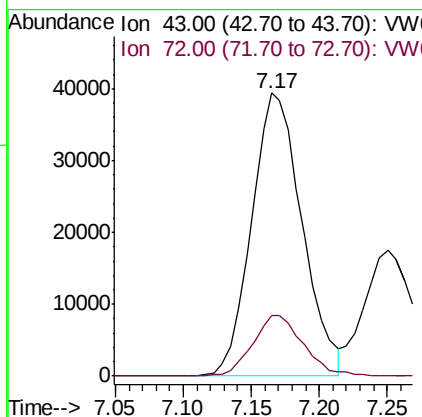
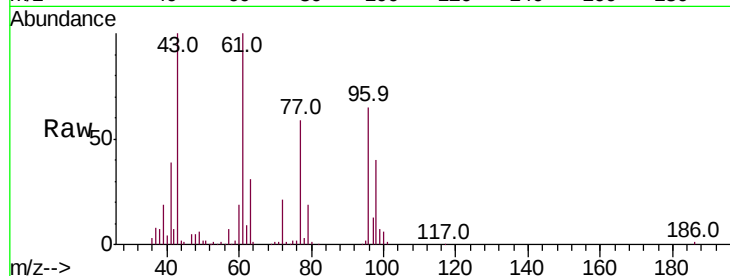
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 101672

Ion Ratio Lower Upper

43 100

72 21.2 16.6 24.8



#26

2,2-Dichloropropane

Concen: 20.157 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011979.D

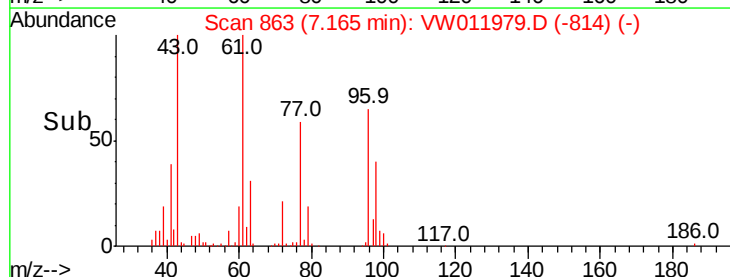
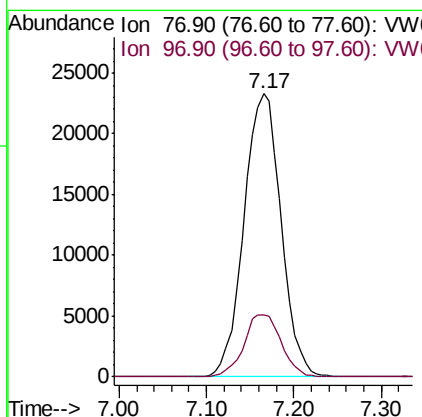
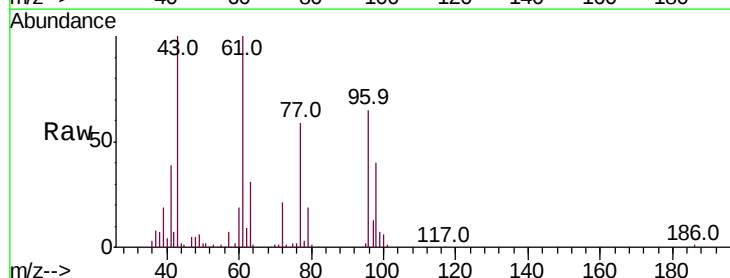
Acq: 19 Aug 2019 09:56

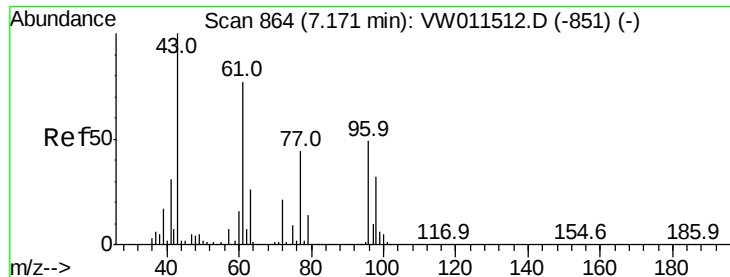
Tgt Ion: 77 Resp: 68648

Ion Ratio Lower Upper

77 100

97 22.2 10.8 32.4



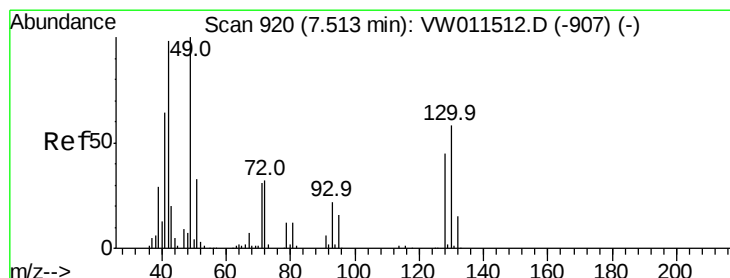
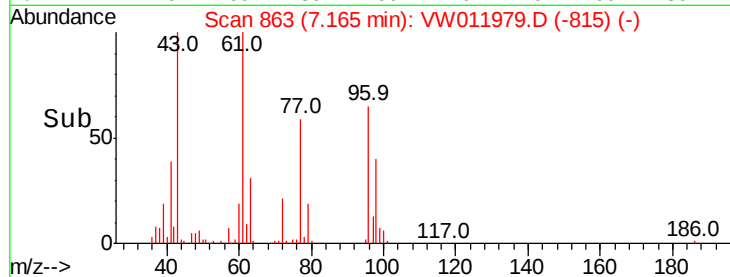
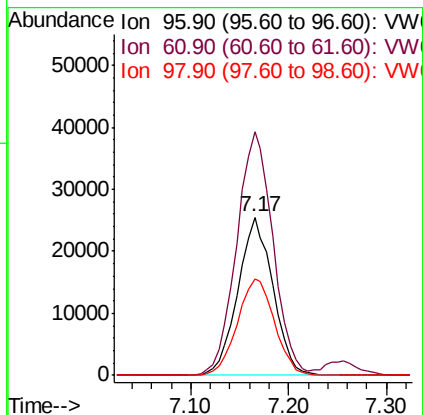
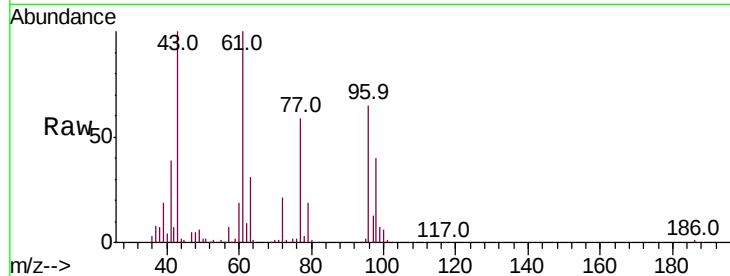


#27

cis-1,2-Dichloroethene
 Concen: 20.711 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Instrument :
 MSVOA_W
 ClientSampled :

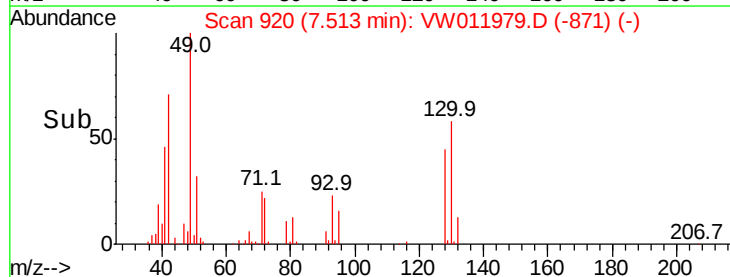
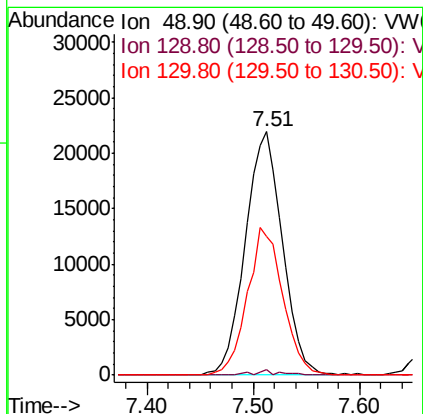
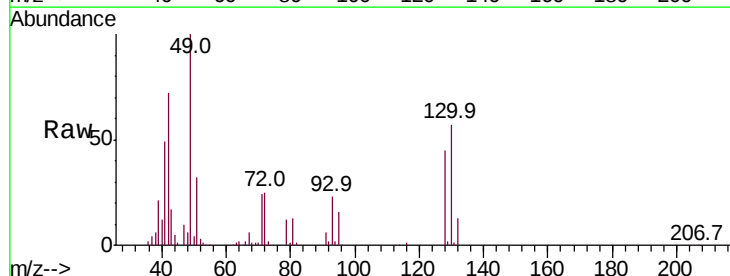
Tot Ion	96	Resp	63366
Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	328.4
98	64.5	0.0	128.8

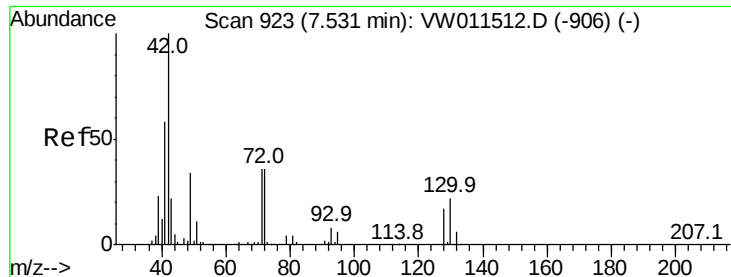


#28

Bromochloromethane
 Concen: 21.839 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion	49	Resp	53680
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.0
130	58.1	46.3	69.5

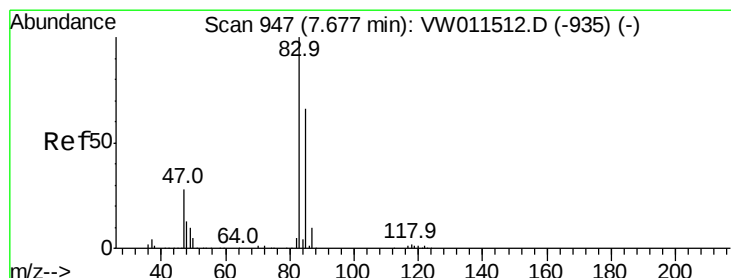
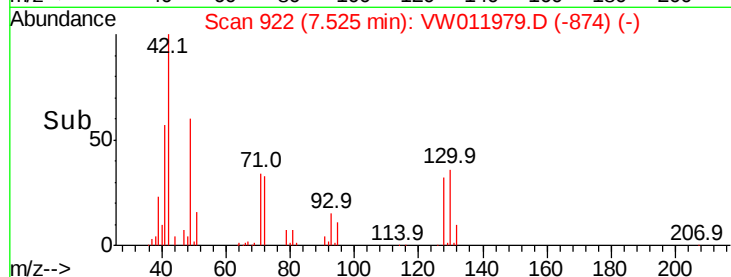
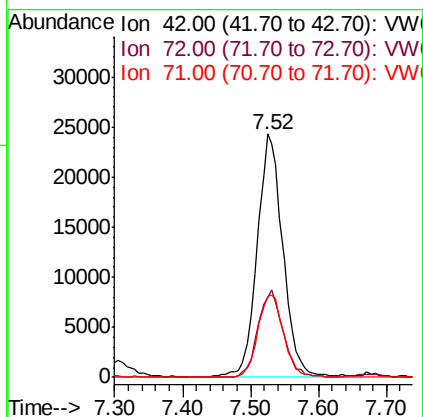
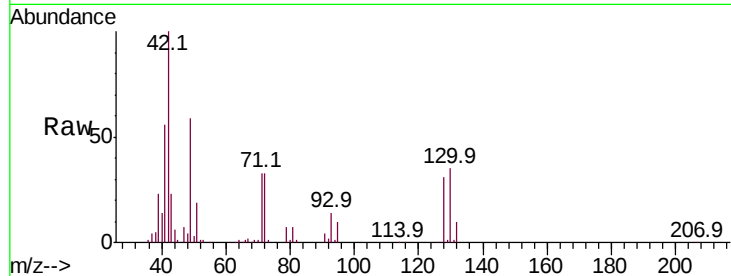




#29
Tetrahydrofuran
Concen: 94.310 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

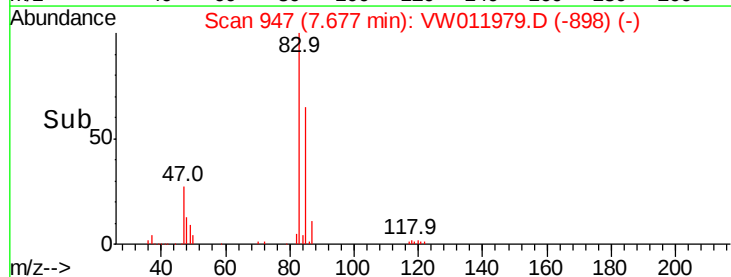
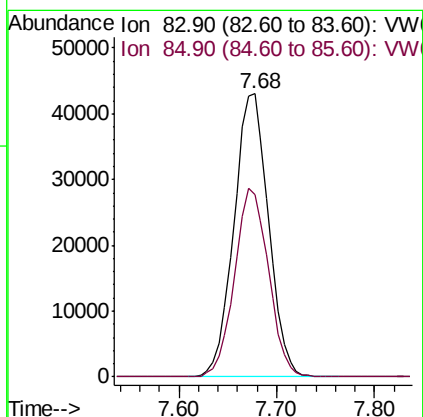
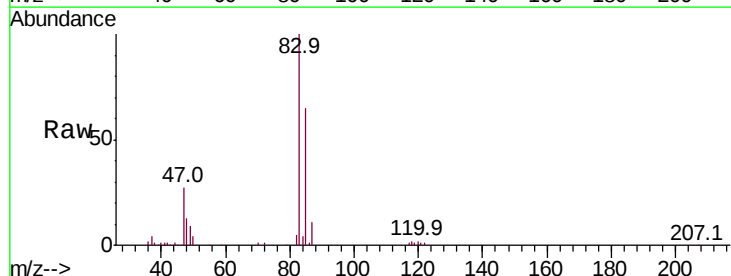
Instrument :
MSVOA_W
ClientSampled :

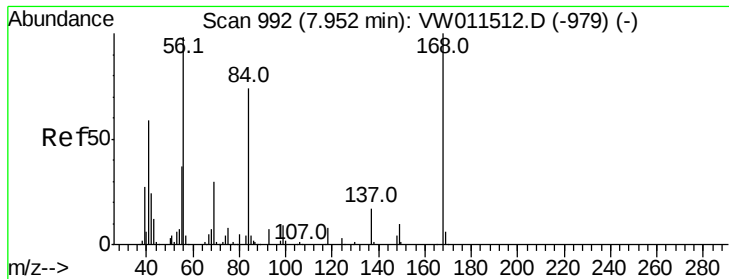
Tot Ion: 42 Resp: 63793
Ion Ratio Lower Upper
42 100
72 35.4 27.1 40.7
71 34.6 26.2 39.4



#30
Chloroform
Concen: 20.629 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion: 83 Resp: 105391
Ion Ratio Lower Upper
83 100
85 64.6 52.5 78.7





#31

Cyclohexane

Concen: 21.433 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :

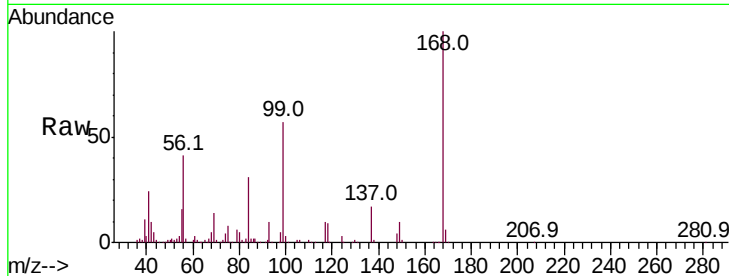
Tot Ion: 56 Resp: 113928

Ion Ratio Lower Upper

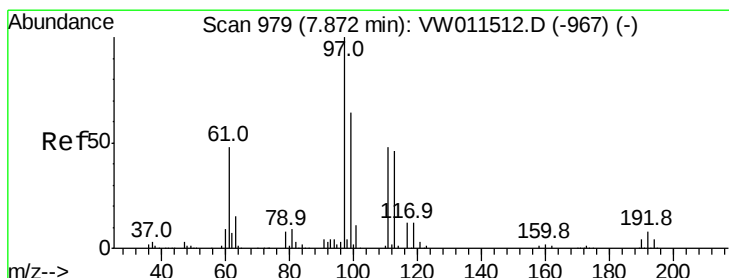
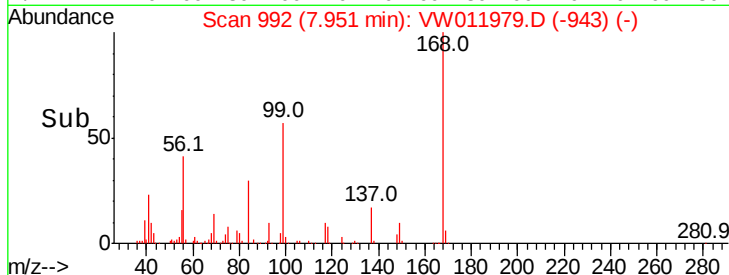
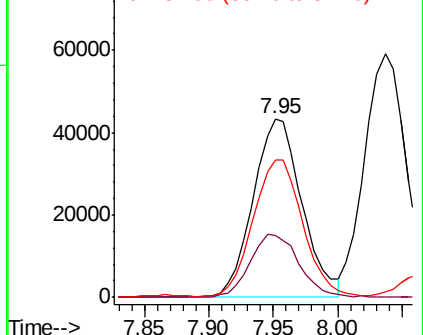
56 100

69 34.9 24.3 36.5

84 75.7 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: 21.703 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

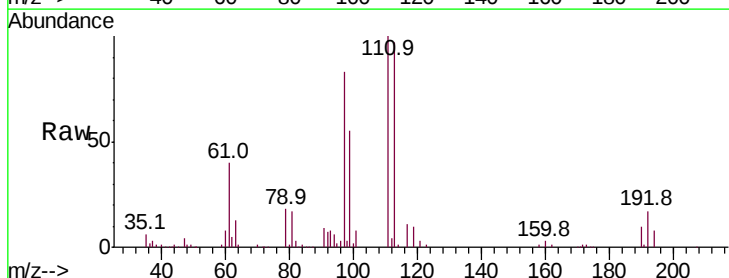
Tgt Ion: 97 Resp: 84442

Ion Ratio Lower Upper

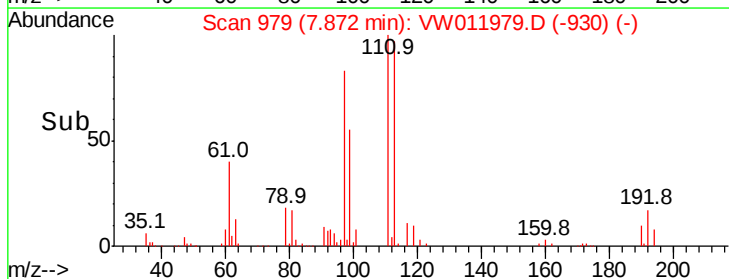
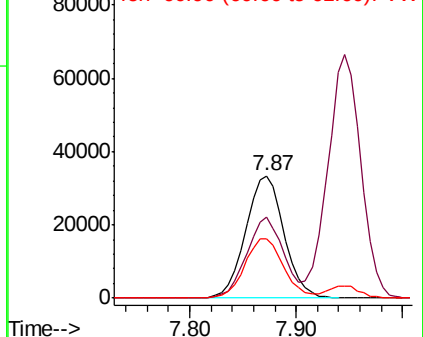
97 100

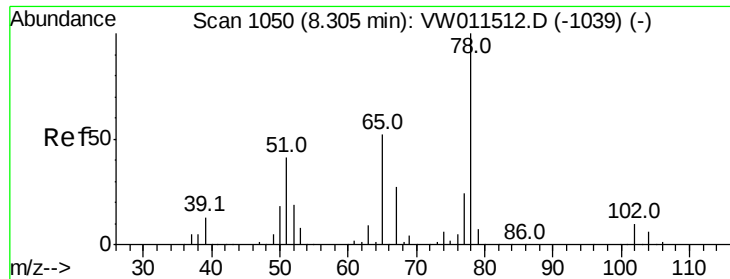
99 63.0 51.0 76.6

61 49.0 39.8 59.6



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

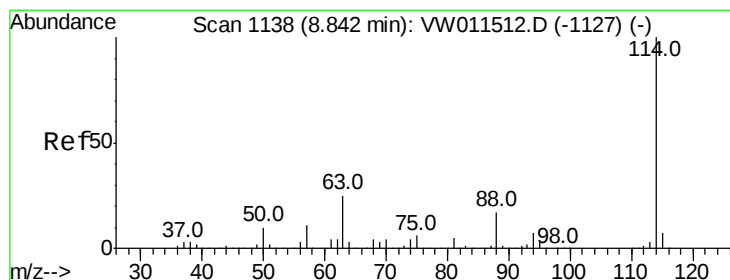
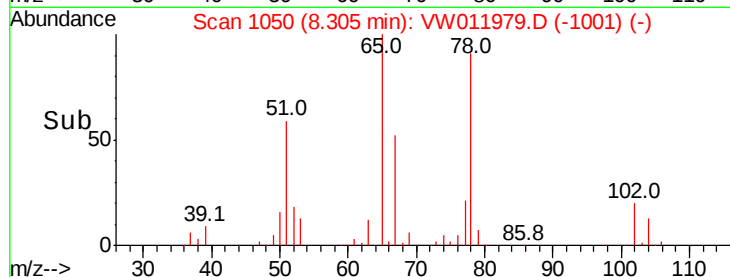
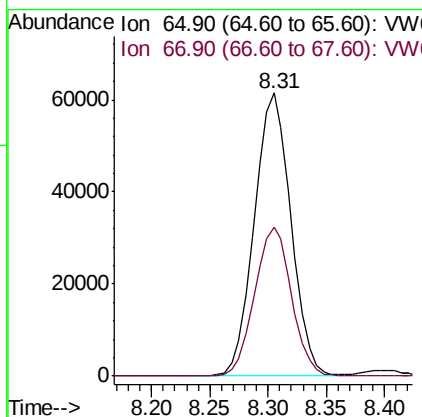
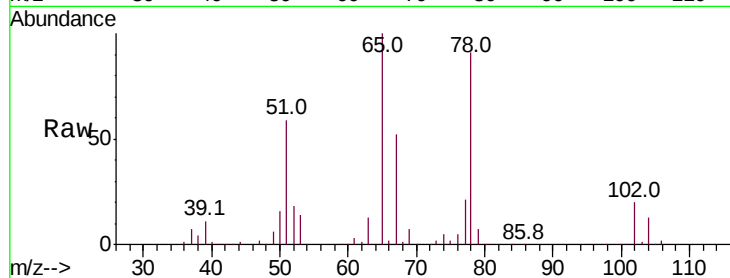




#33
 1,2-Dichloroethane-d4
 Concen: 47.463 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

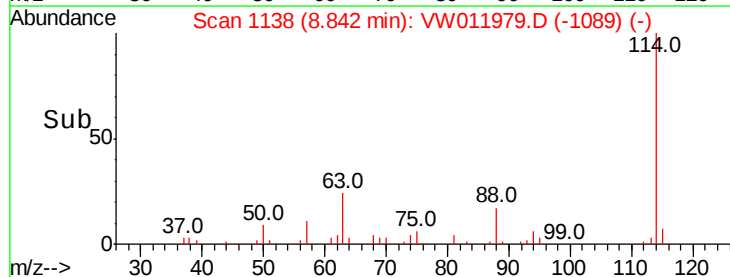
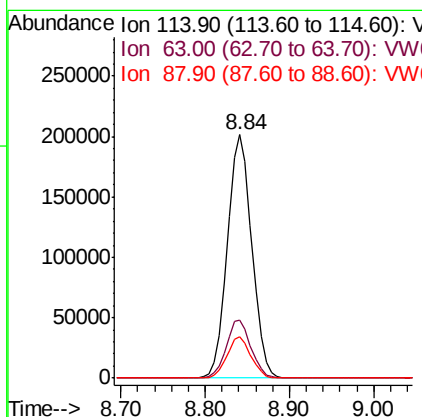
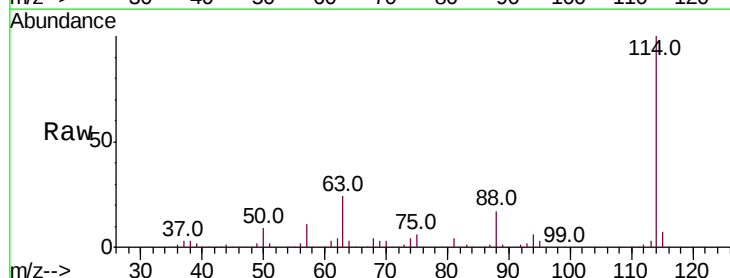
Instrument :
 MSVOA_W
 ClientSampleId :

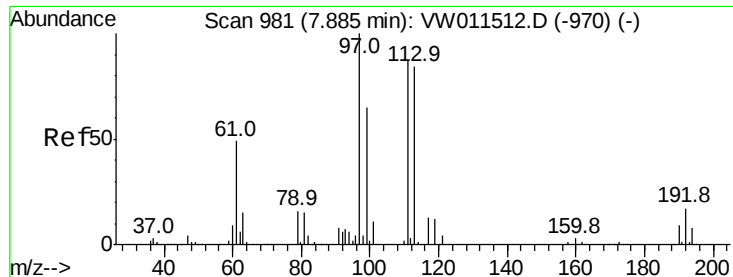
Tot Ion: 65 Resp: 134936
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion: 114 Resp: 395945
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.527 ug/l

RT: 7.88 min Scan# 981

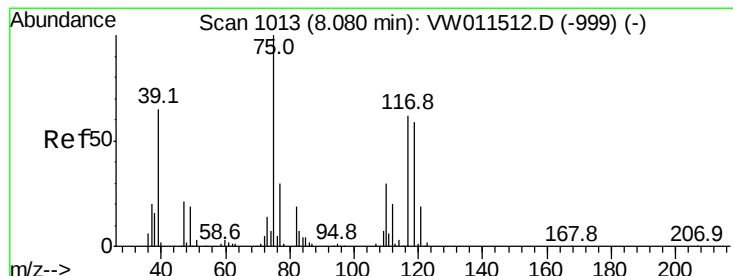
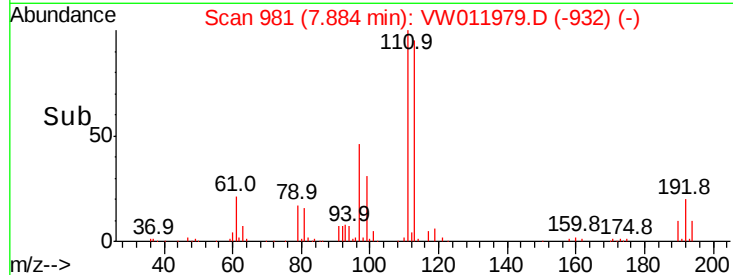
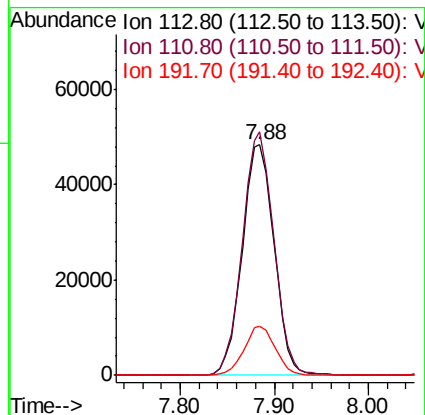
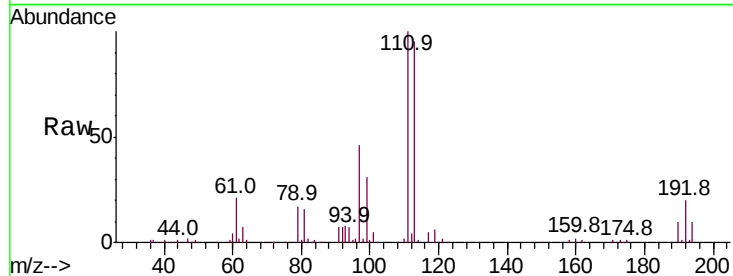
Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	113	Resp:	114458
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.7	124.1
192	20.9	16.1	24.1



#36

1,1-Dichloropropene

Concen: 22.044 ug/l

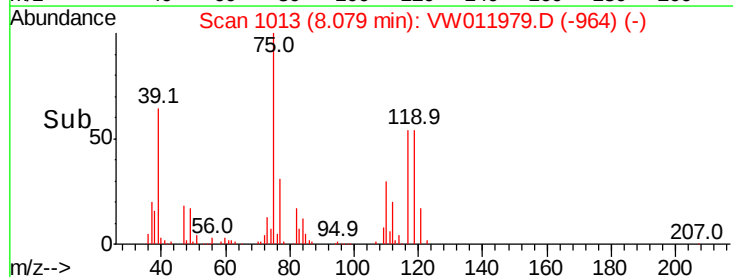
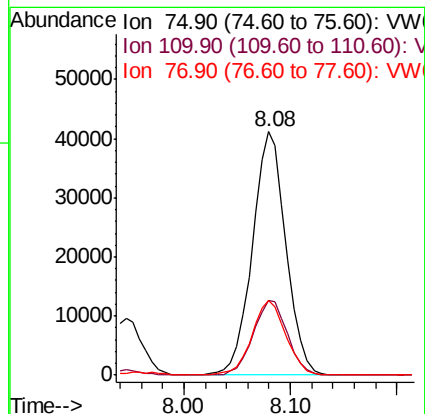
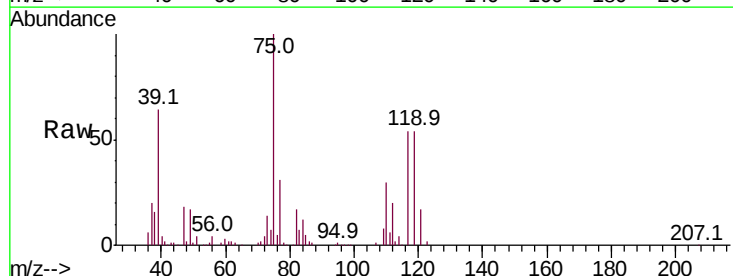
RT: 8.08 min Scan# 1013

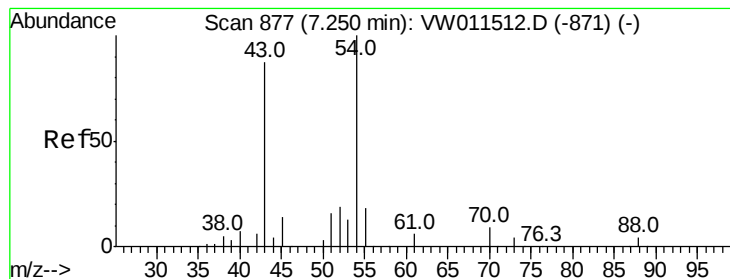
Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Tgt Ion:	75	Resp:	90756
Ion	Ratio	Lower	Upper
75	100		
110	31.3	15.6	46.8
77	31.0	24.3	36.5





#37

Ethyl Acetate

Concen: 19.212 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

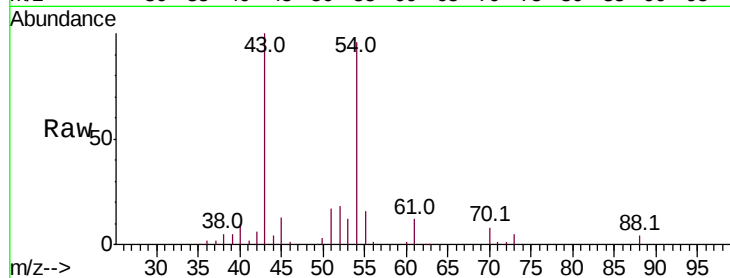
Tot Ion: 43 Resp: 45508

Ion Ratio Lower Upper

43 100

61 12.7 8.8 13.2

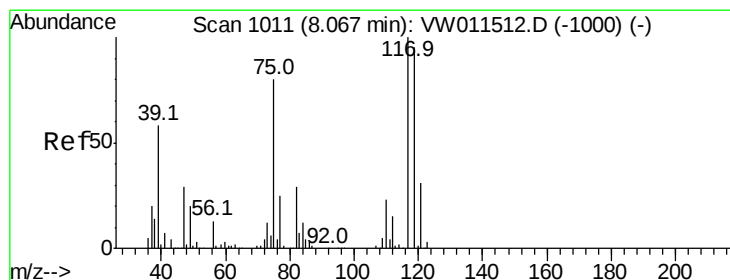
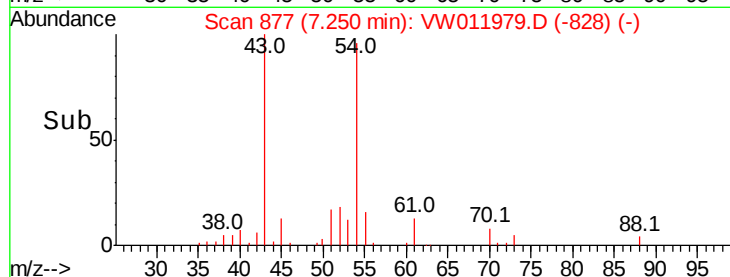
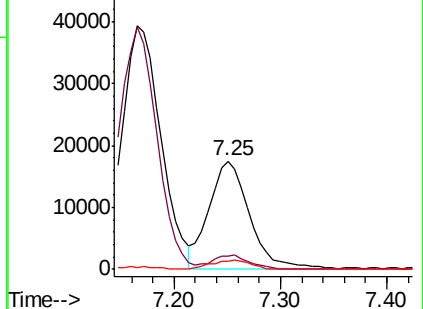
70 8.7 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 21.917 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

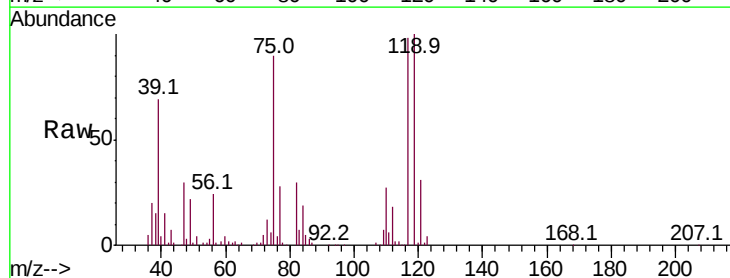
Tgt Ion: 117 Resp: 77248

Ion Ratio Lower Upper

117 100

119 101.7 75.8 113.6

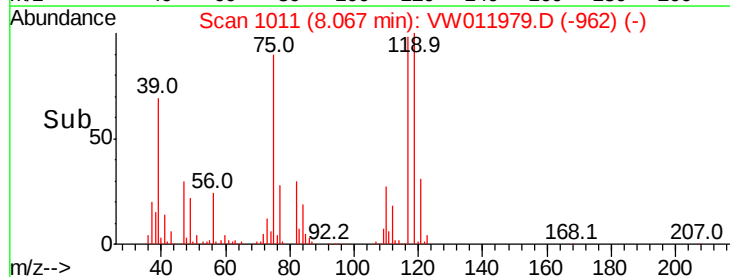
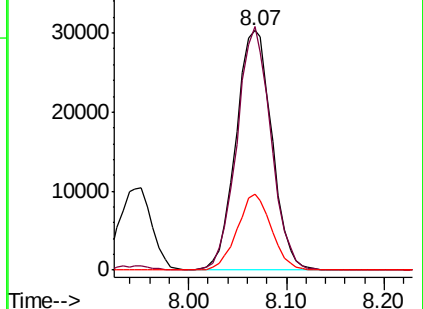
121 31.6 24.7 37.1

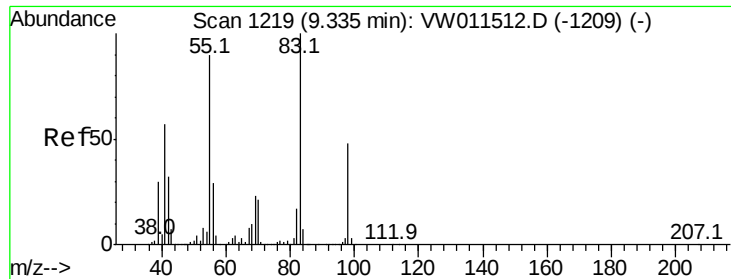


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

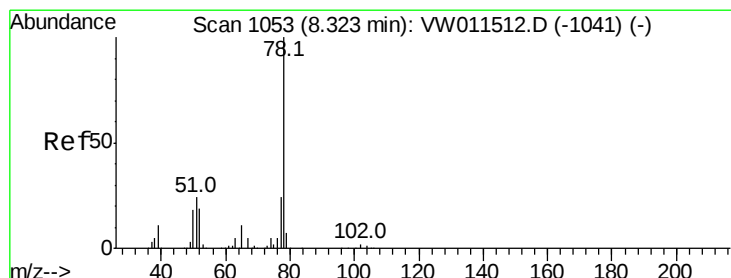
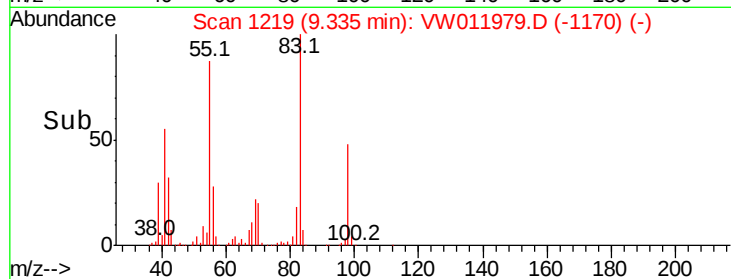
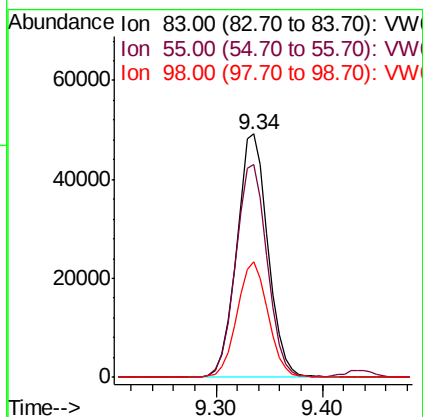
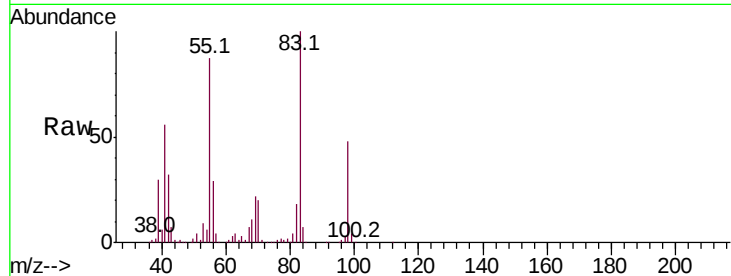




#39
Methvlcvclohexane
Concen: 22.346 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

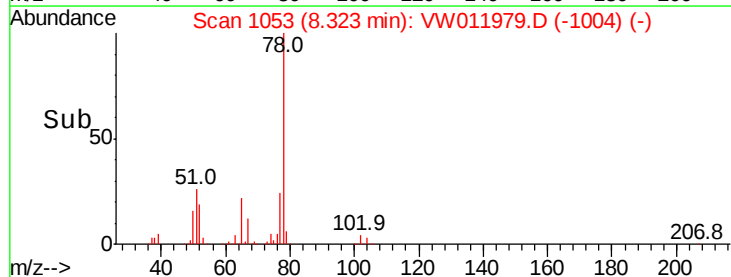
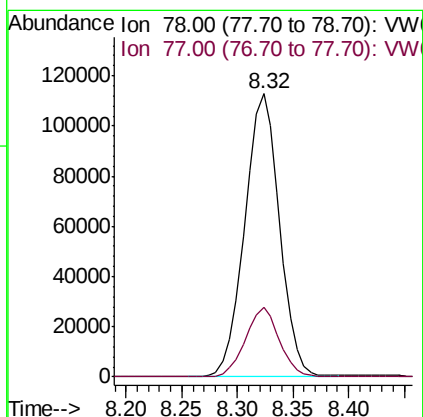
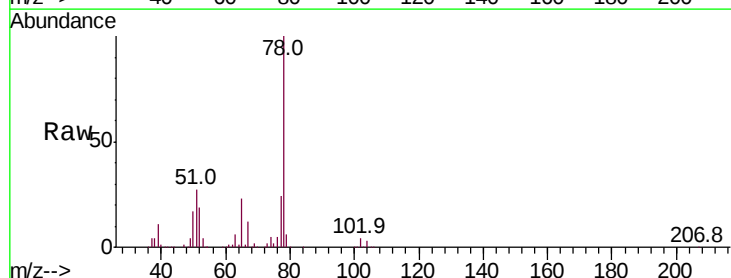
Instrument :
MSVOA_W
ClientSampleId :

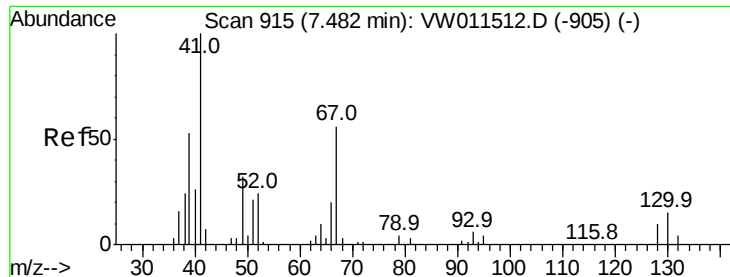
Tot Ion: 83 Resp: 101302
Ion Ratio Lower Upper
83 100
55 87.4 72.1 108.1
98 47.6 38.6 57.8



#40
Benzene
Concen: 21.302 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion: 78 Resp: 245655
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0





#41

Methacrylonitrile

Concen: 19.101 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 27045

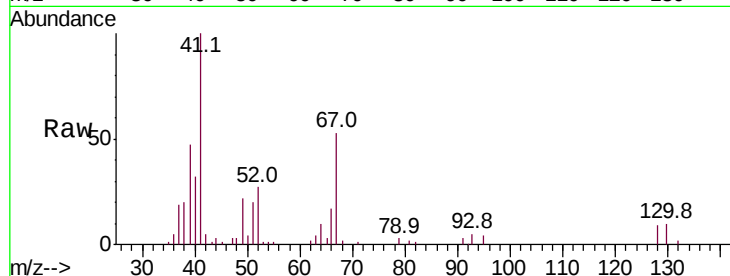
Ion Ratio Lower Upper

41 100

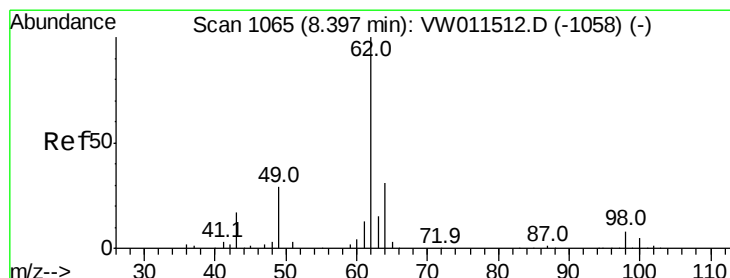
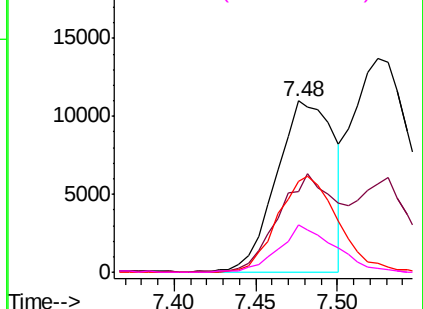
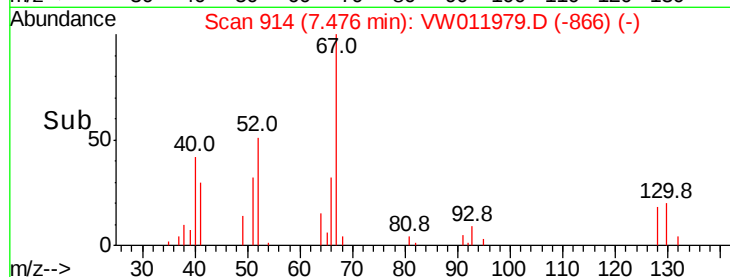
39 59.9 43.0 64.4

67 58.6 47.5 71.3

52 26.5 21.0 31.6



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: 20.218 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011979.D

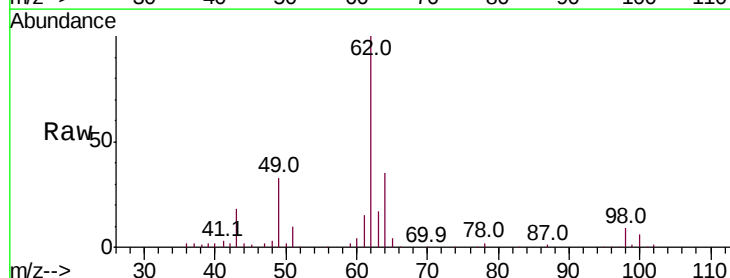
Acq: 19 Aug 2019 09:56

Tgt Ion: 62 Resp: 72999

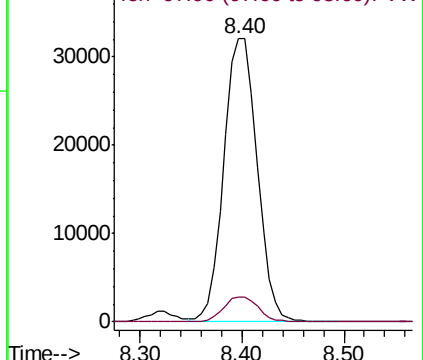
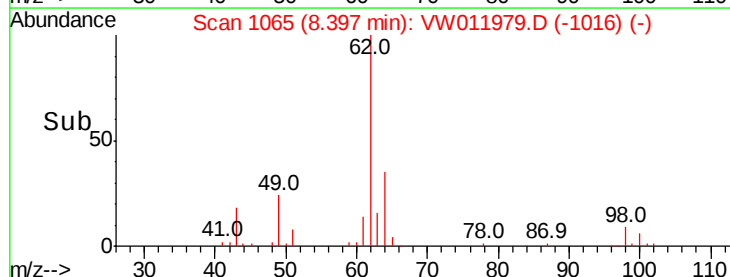
Ion Ratio Lower Upper

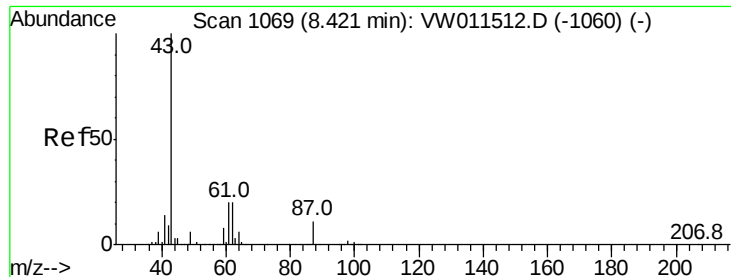
62 100

98 9.0 0.0 16.8



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





#43

Isopropyl Acetate

Concen: 19.494 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampled :

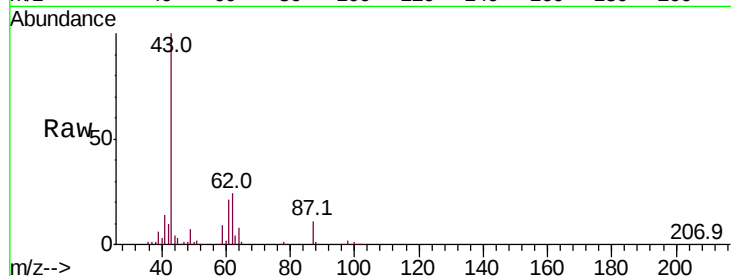
Tot Ion: 43 Resp: 84921

Ion Ratio Lower Upper

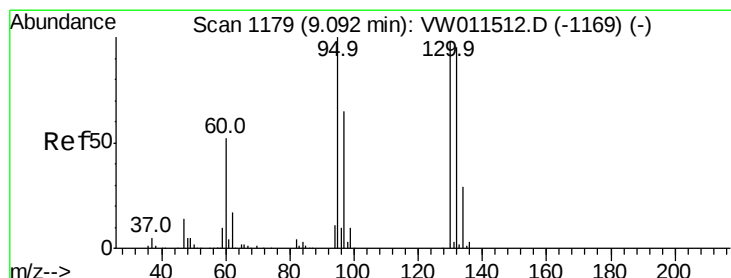
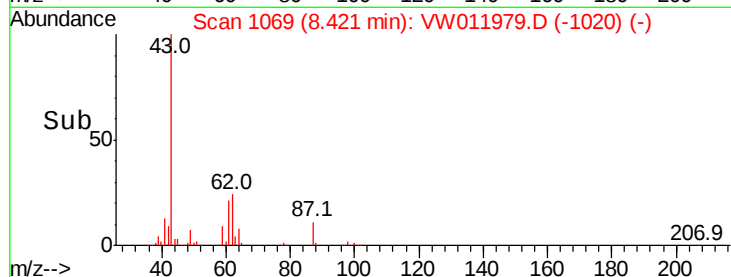
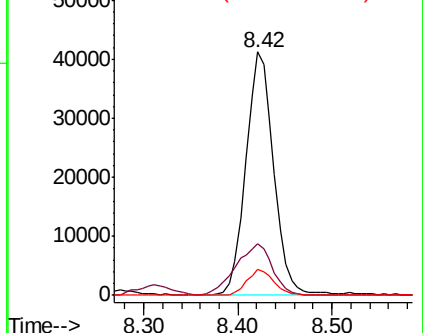
43 100

61 27.8 21.5 32.3

87 10.4 8.4 12.6



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



#44

Trichloroethene

Concen: 21.652 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011979.D

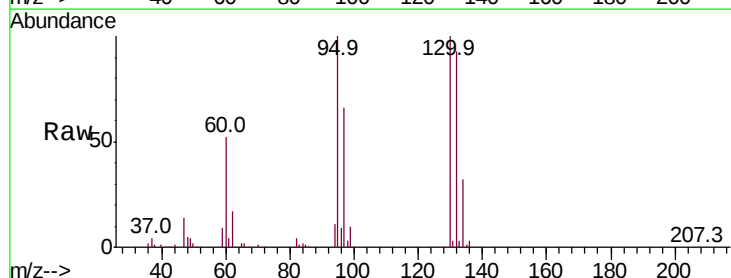
Acq: 19 Aug 2019 09:56

Tgt Ion: 130 Resp: 60015

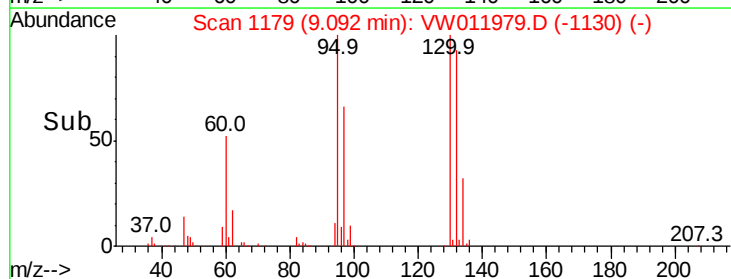
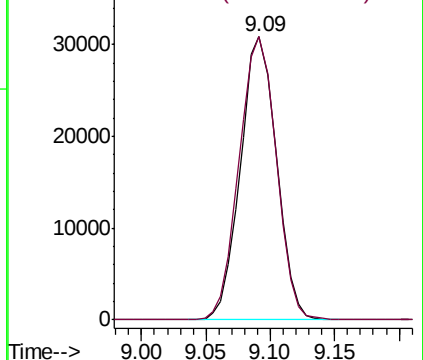
Ion Ratio Lower Upper

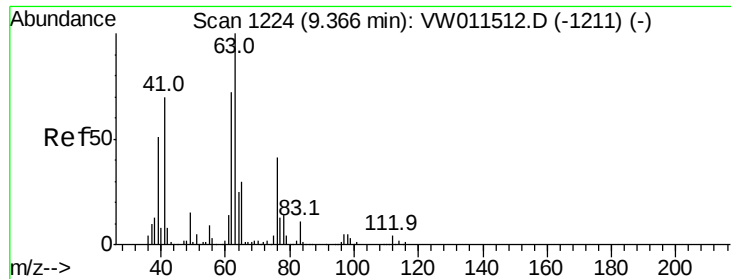
130 100

95 100.1 0.0 204.8



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





#45

1,2-Dichloropropane

Concen: 20.800 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

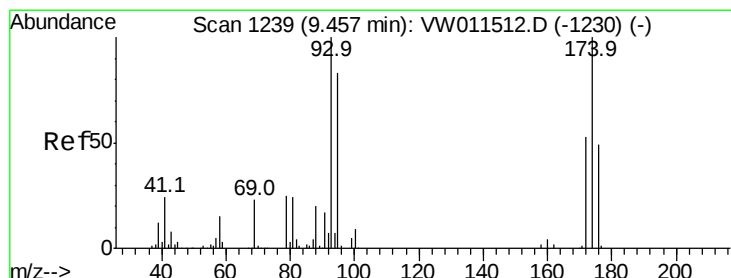
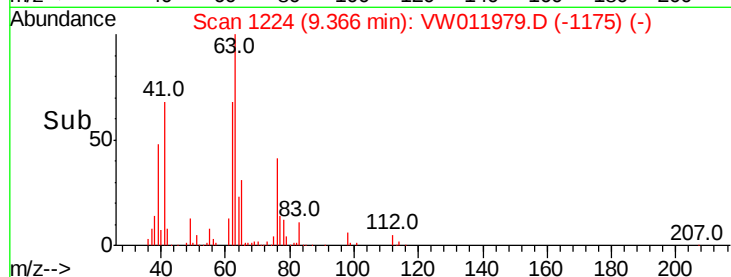
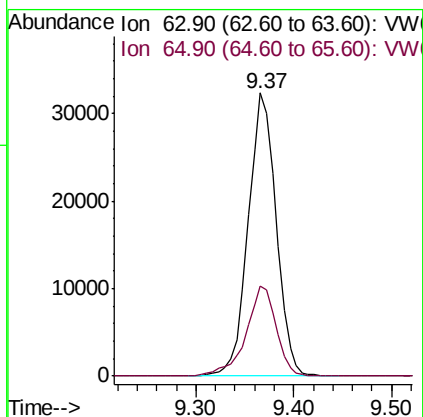
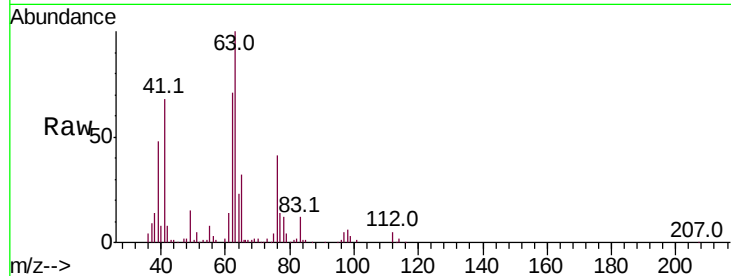
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 64182

Ion Ratio Lower Upper

63 100

65 32.0 24.2 36.4



#46

Dibromomethane

Concen: 20.516 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

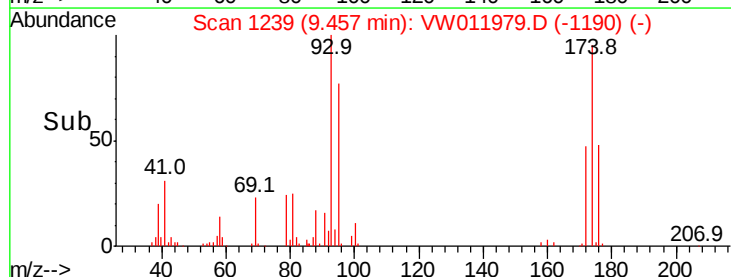
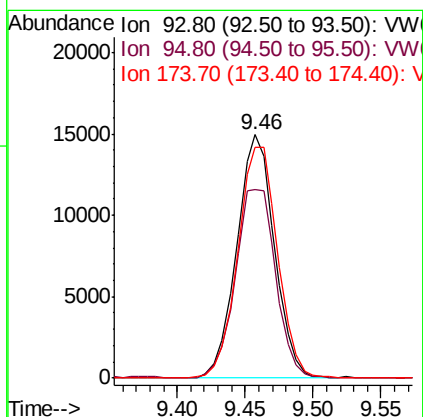
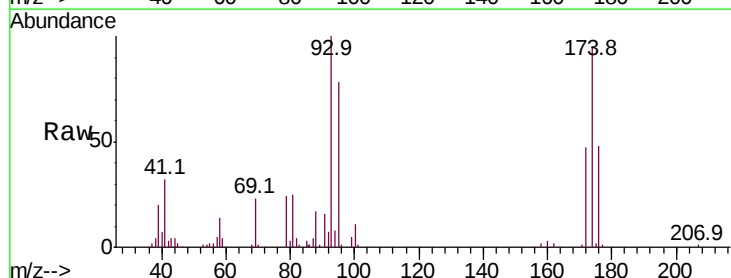
Tgt Ion: 93 Resp: 28893

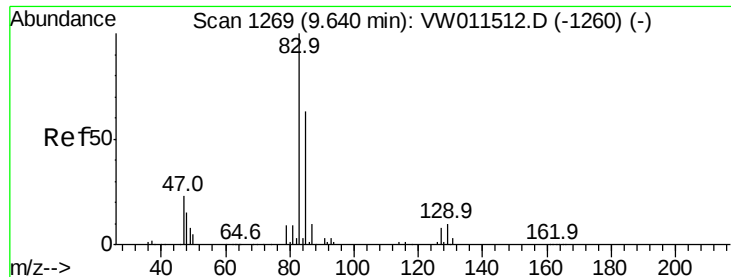
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 100.3 78.2 117.4





#47

Bromodichloromethane

Concen: 20.648 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampled :

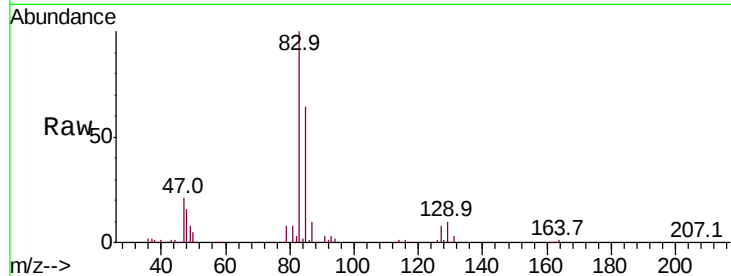
Tot Ion: 83 Resp: 76278

Ion Ratio Lower Upper

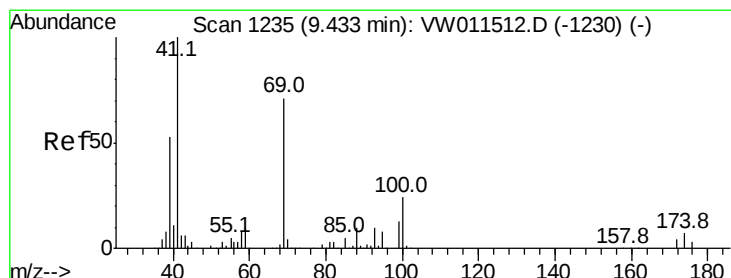
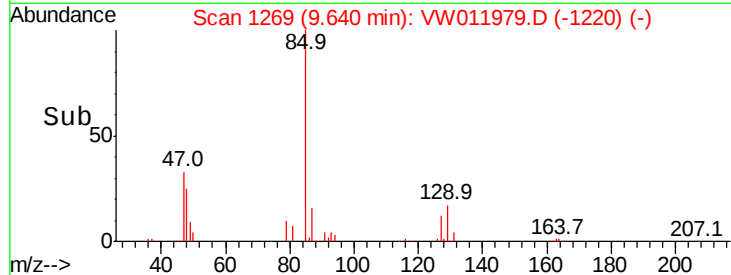
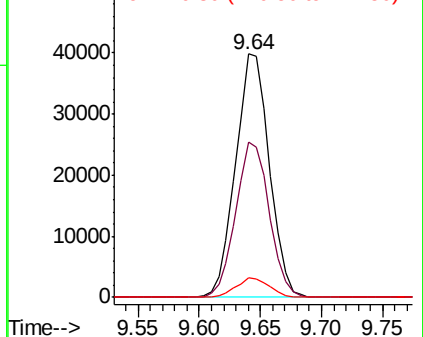
83 100

85 63.6 50.5 75.7

127 7.9 6.4 9.6



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



#48

Methyl methacrylate

Concen: 19.031 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

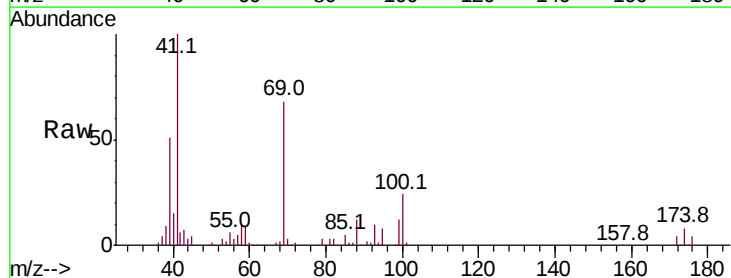
Tgt Ion: 41 Resp: 39824

Ion Ratio Lower Upper

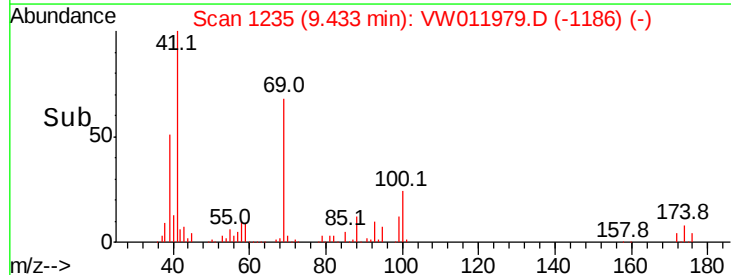
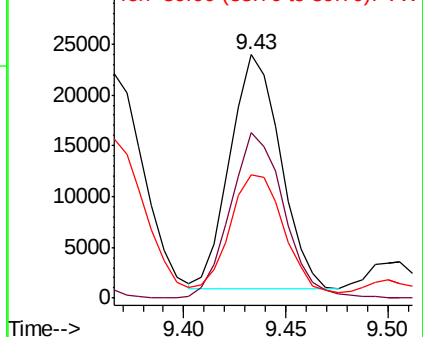
41 100

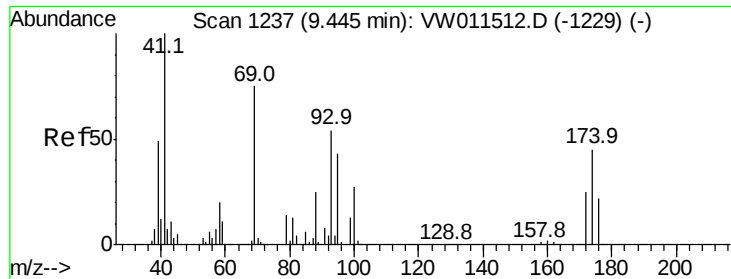
69 75.1 57.1 85.7

39 53.2 45.4 68.2



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

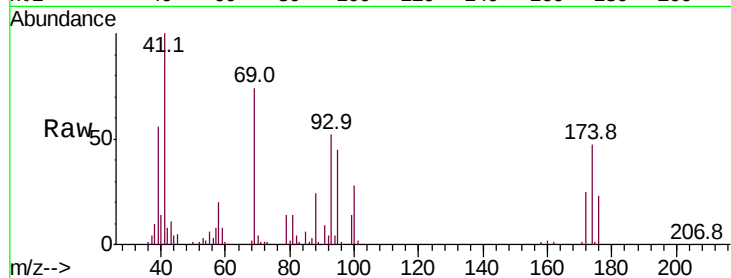




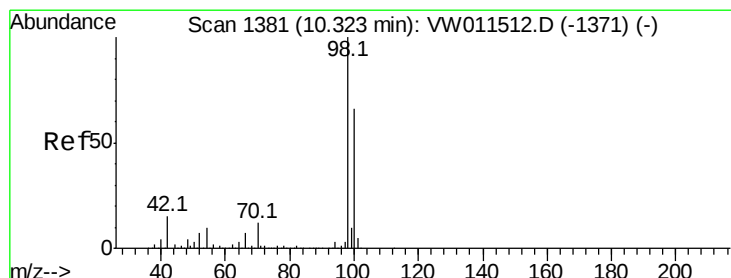
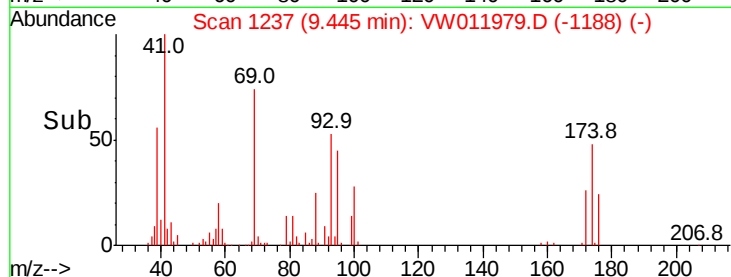
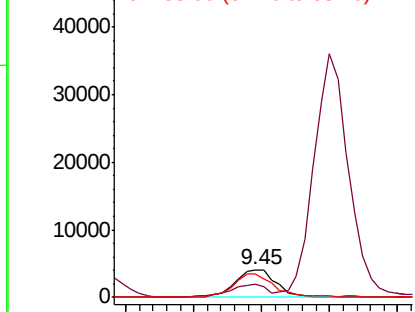
#49
 1,4-Dioxane
 Concen: 423.402 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 88 Resp: 8634
 Ion Ratio Lower Upper
 88 100
 43 38.2 34.0 51.0
 58 82.2 69.7 104.5

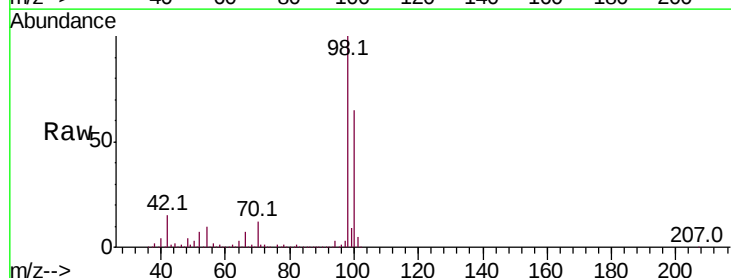


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

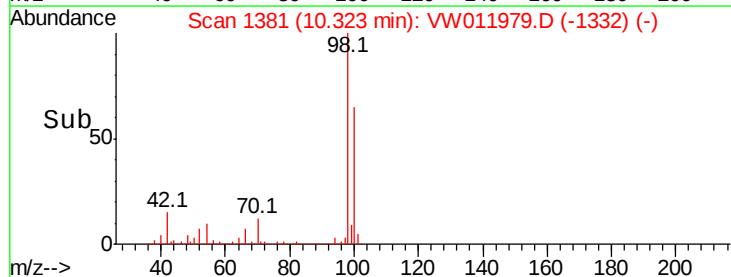
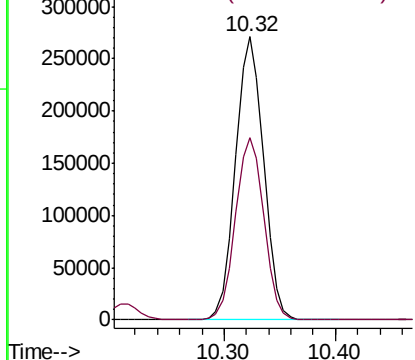


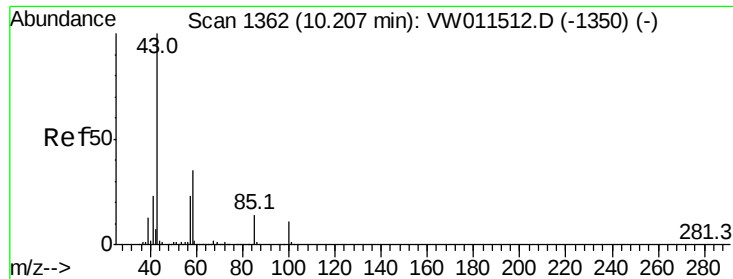
#50
 Toluene-d8
 Concen: 51.960 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion: 98 Resp: 472560
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.7 79.1



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: 97.355 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

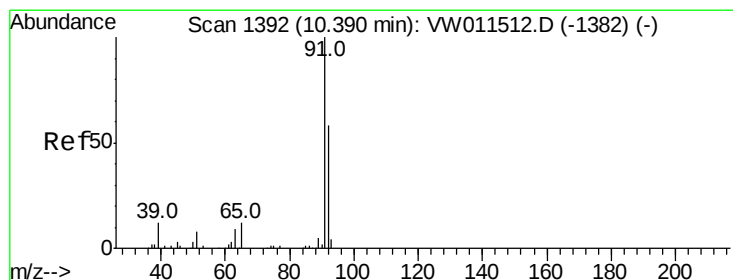
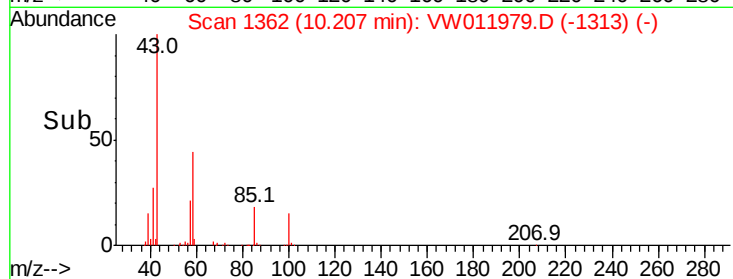
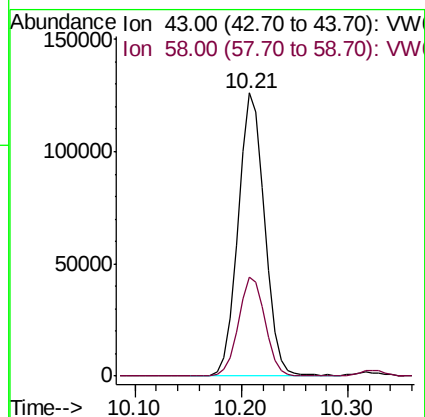
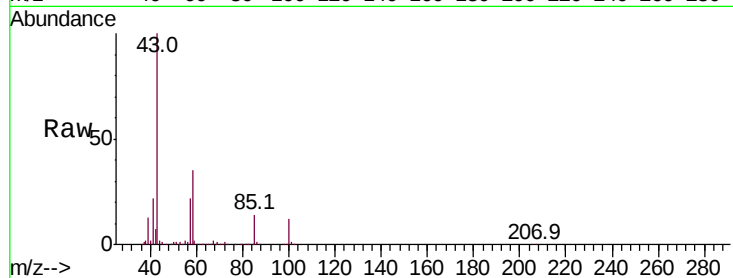
ClientSampled :

Tot Ion: 43 Resp: 220593

Ion Ratio Lower Upper

43 100

58 35.3 28.2 42.2



#52

Toluene

Concen: 21.502 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011979.D

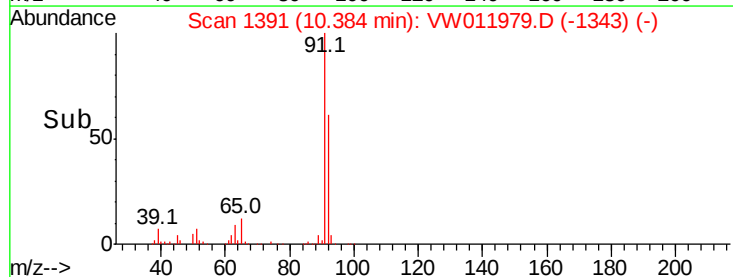
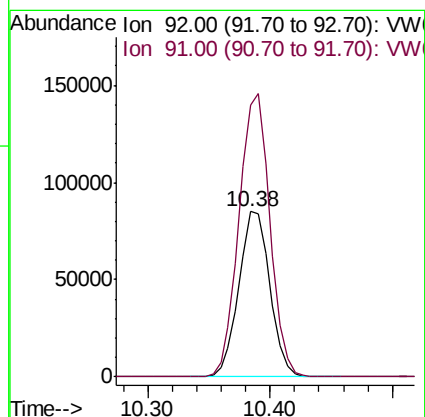
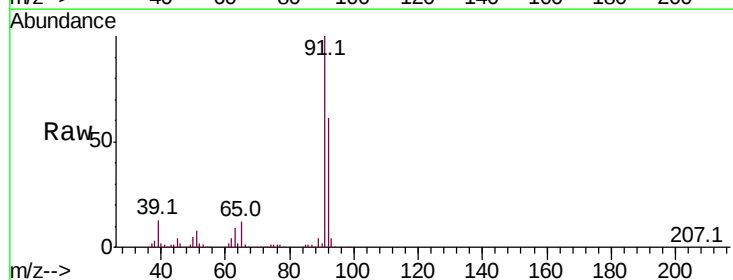
Acq: 19 Aug 2019 09:56

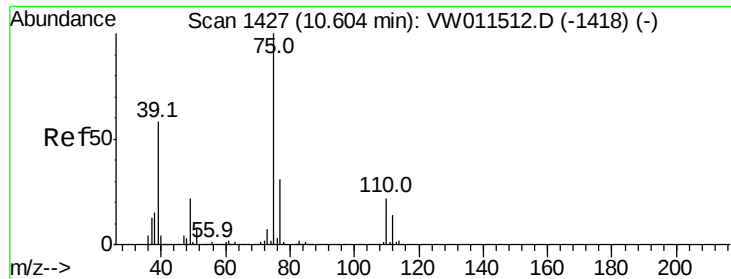
Tgt Ion: 92 Resp: 149746

Ion Ratio Lower Upper

92 100

91 170.9 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 20.458 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

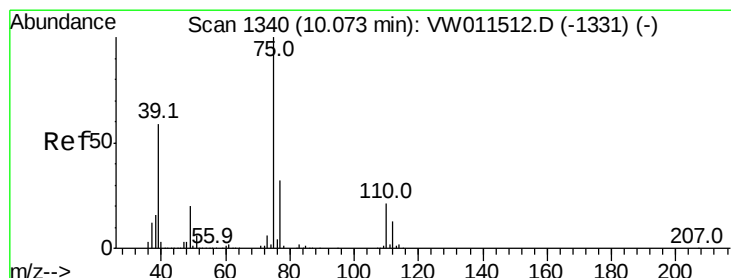
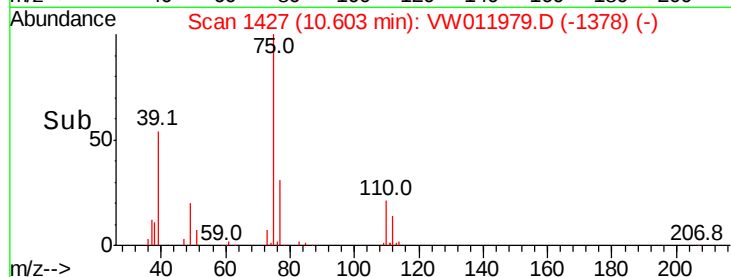
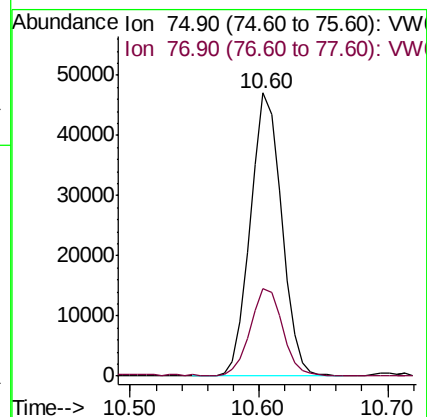
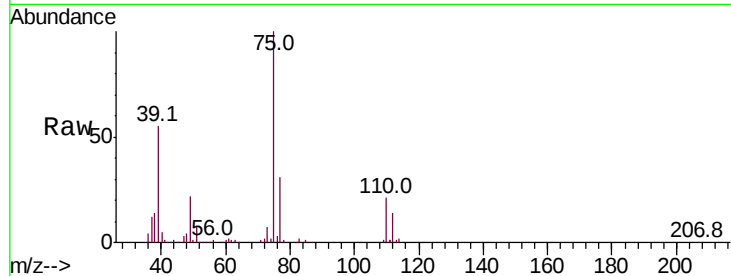
ClientSampled :

Tot Ion: 75 Resp: 78949

Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.902 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

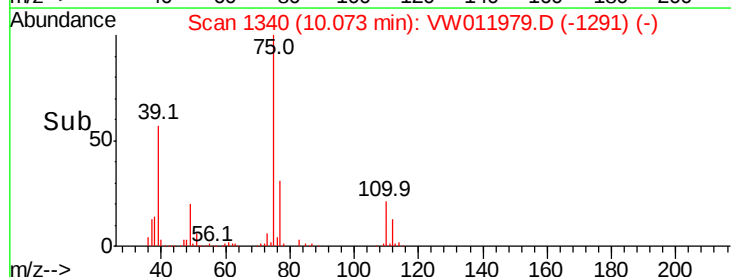
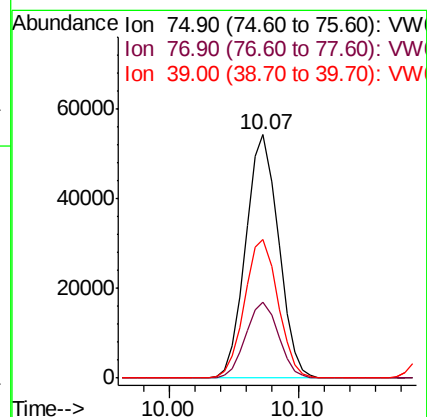
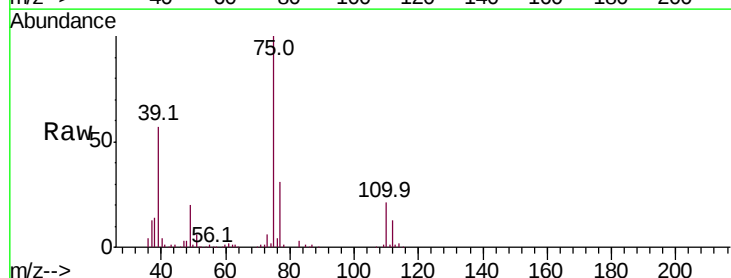
Tgt Ion: 75 Resp: 95907

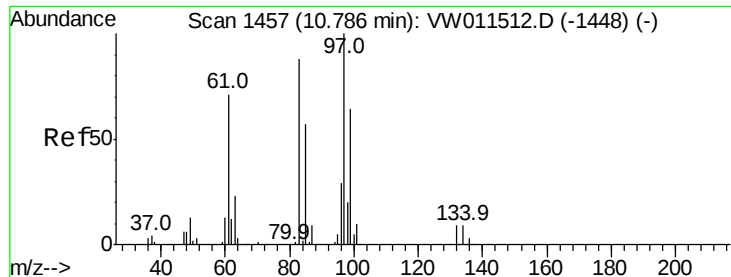
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 57.0 47.0 70.4



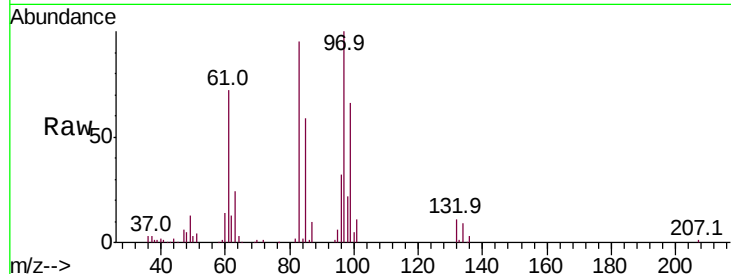


#55
 1,1,2-Trichloroethane
 Concen: 20.129 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 40222

Ion	Ratio	Lower	Upper
97	100		
83	94.6	70.5	105.7
85	58.8	45.8	68.6
99	66.4	51.0	76.4



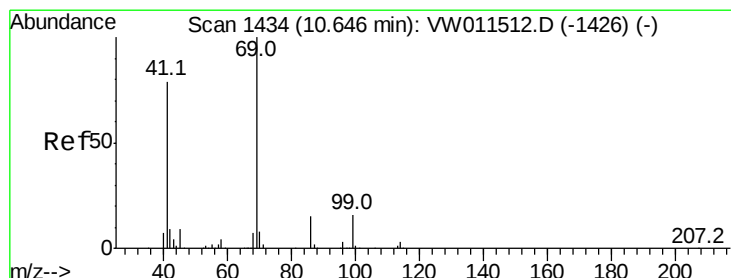
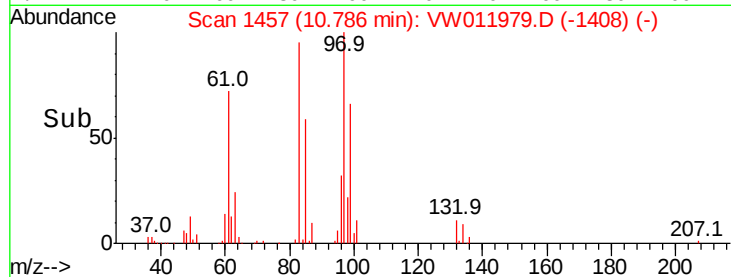
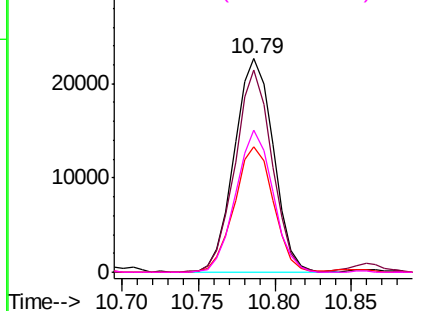
Abundance

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

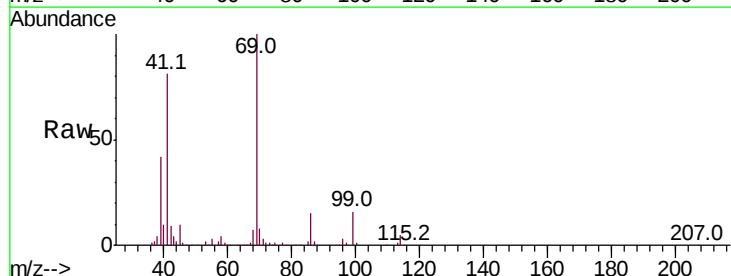
Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 20.124 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion: 69 Resp: 58843

Ion	Ratio	Lower	Upper
69	100		
41	81.8	66.6	99.8
39	37.0	30.3	45.5

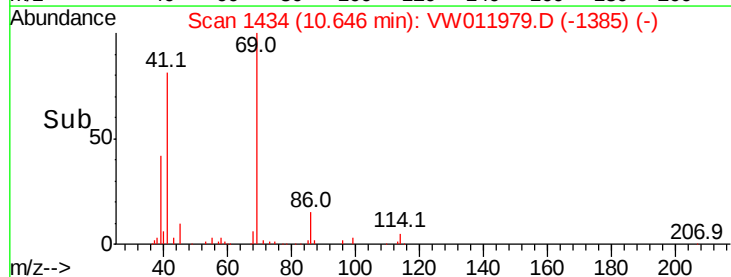
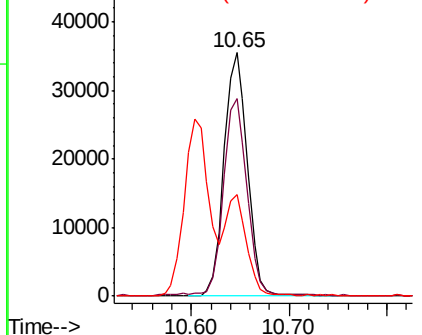


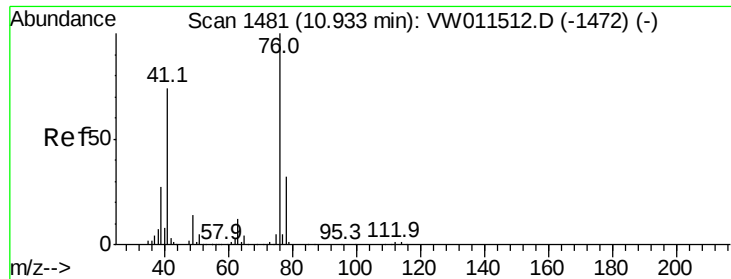
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

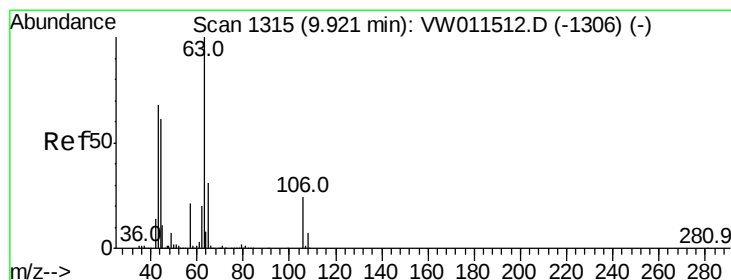
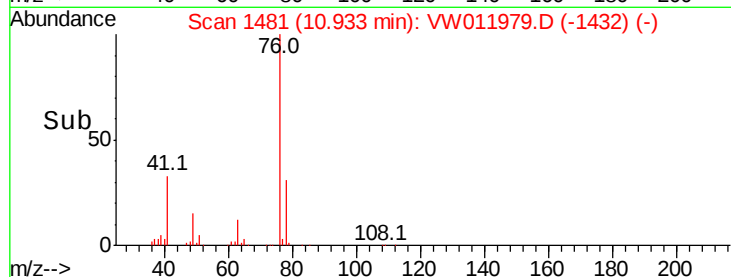
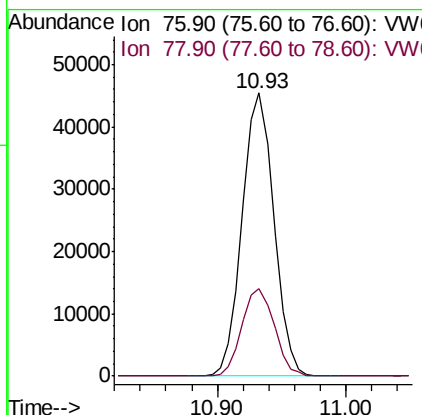
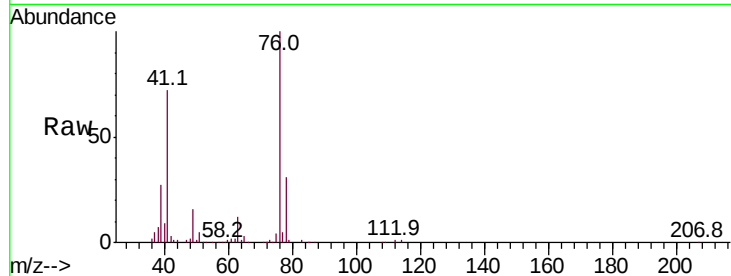




#57
 1,3-Dichloropropane
 Concen: 20.409 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

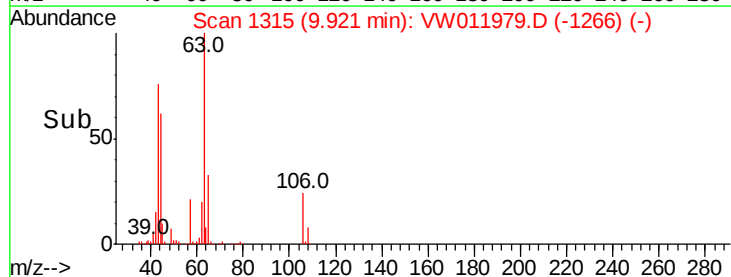
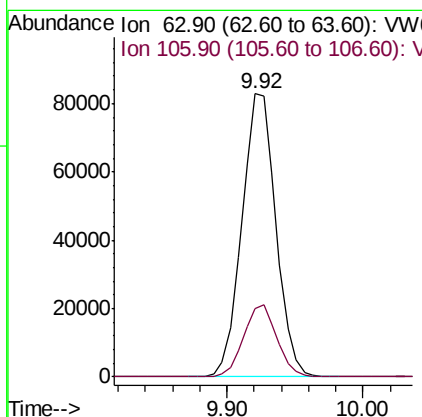
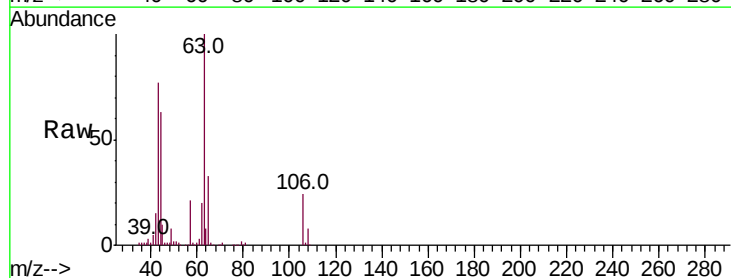
Instrument :
 MSVOA_W
 ClientSampled :

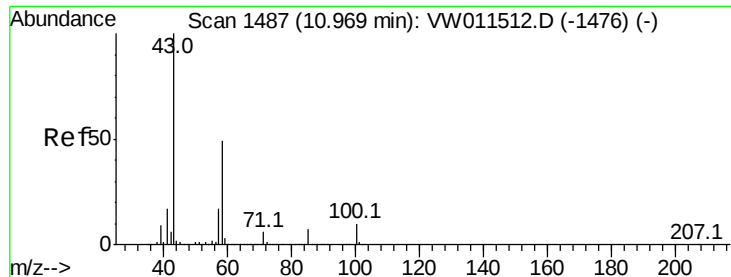
Tot Ion: 76 Resp: 77156
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.243 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion: 63 Resp: 145035
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.7 29.5

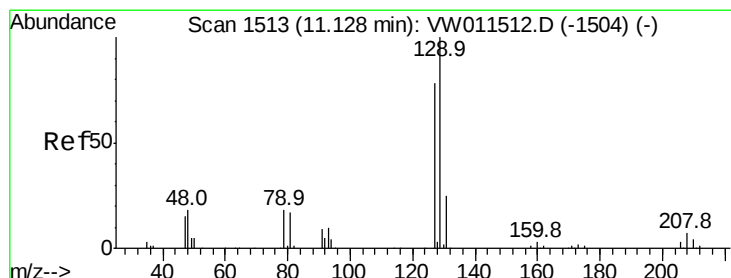
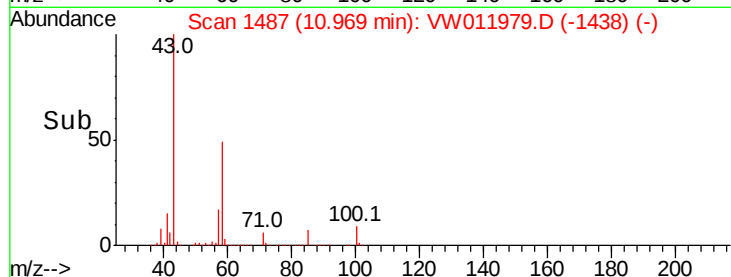
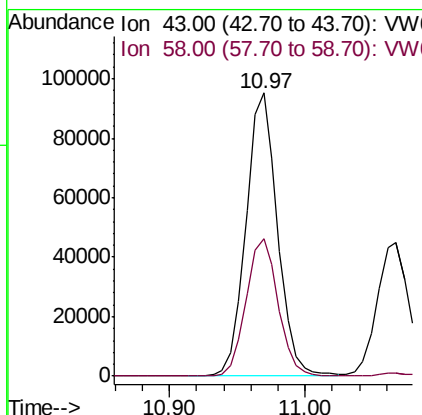
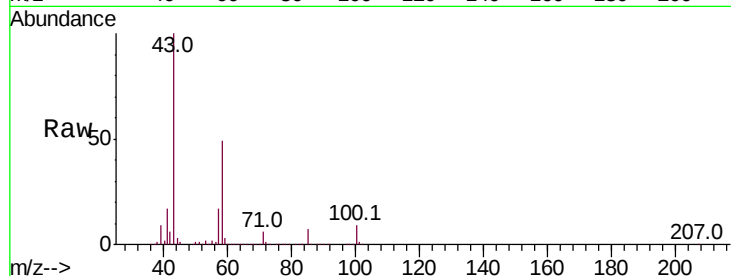




#59
2-Hexanone
Concen: 96.441 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

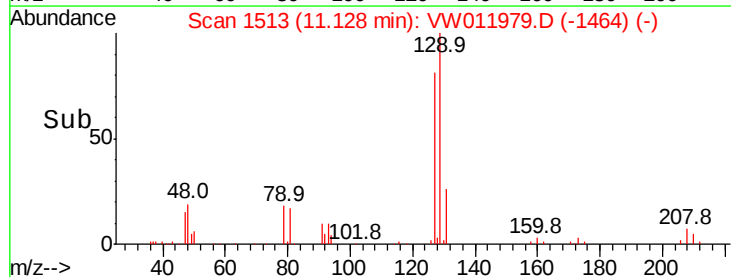
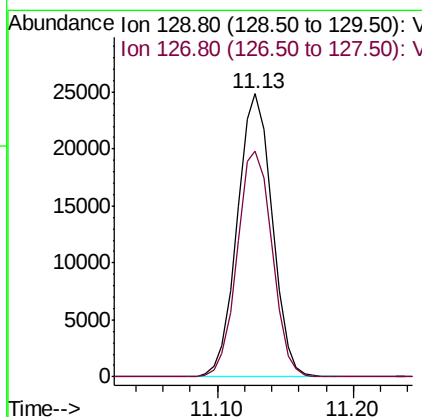
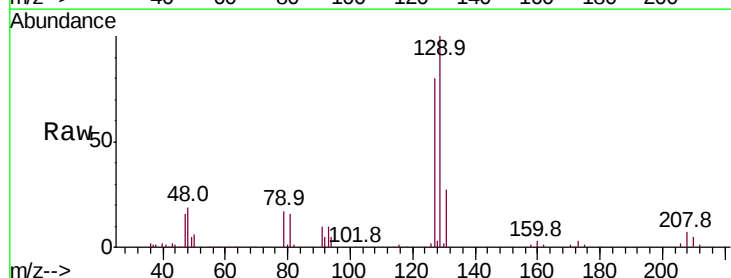
Instrument :
MSVOA_W
ClientSampleId :

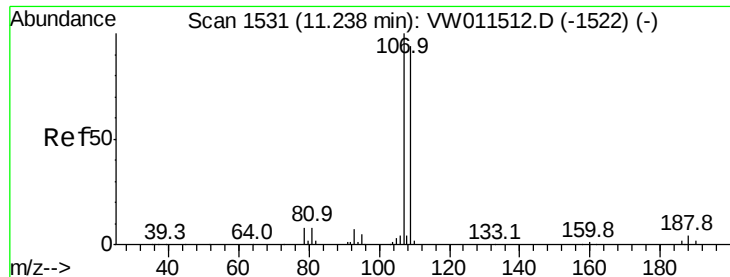
Tot Ion: 43 Resp: 154291
Ion Ratio Lower Upper
43 100
58 49.6 24.3 72.9



#60
Dibromochloromethane
Concen: 20.055 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion: 129 Resp: 44483
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.7

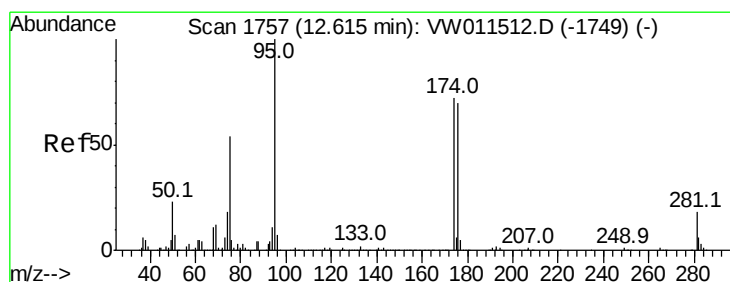
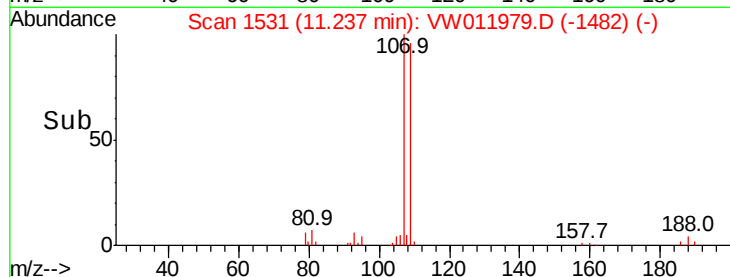
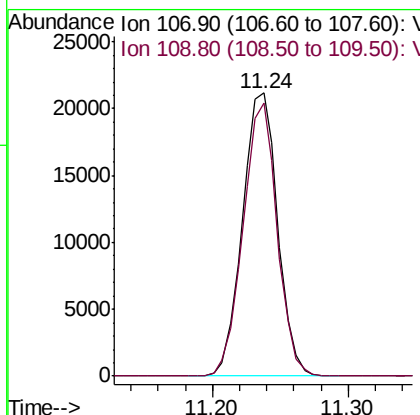
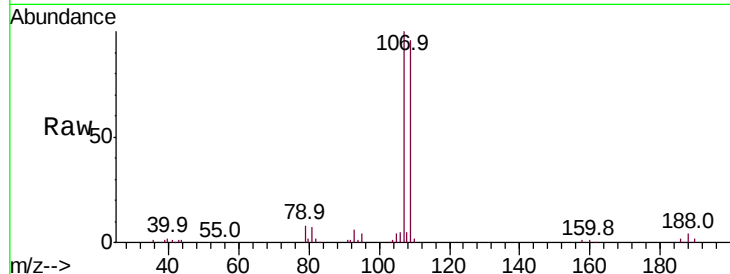




#61
 1,2-Dibromoethane
 Concen: 20.261 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

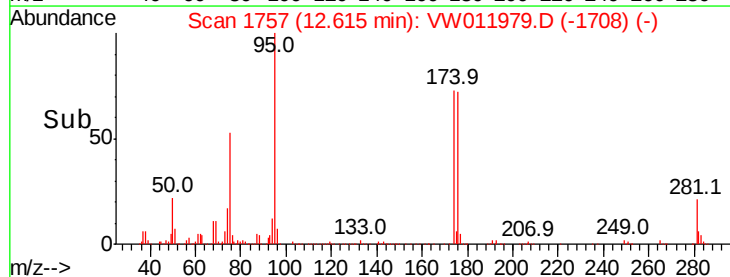
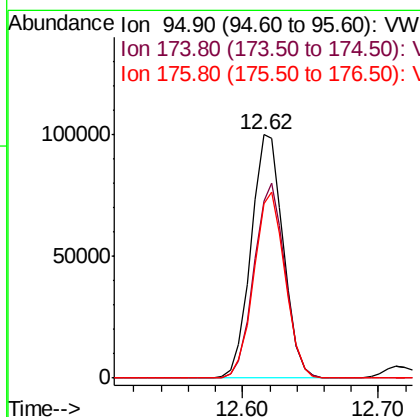
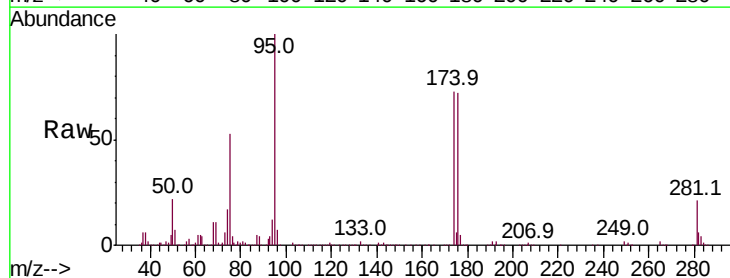
Instrument :
 MSVOA_W
 ClientSampleId :

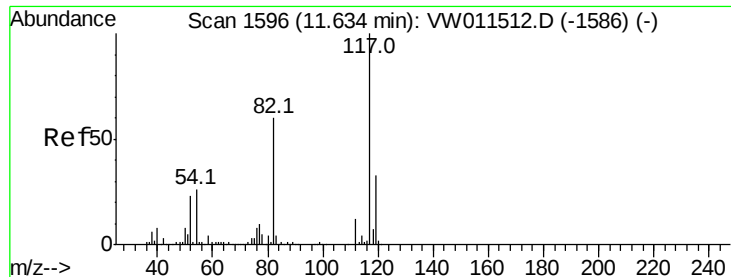
Tot Ion:107 Resp: 38313
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.083 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion: 95 Resp: 165636
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 150.2
 176 74.5 0.0 144.4

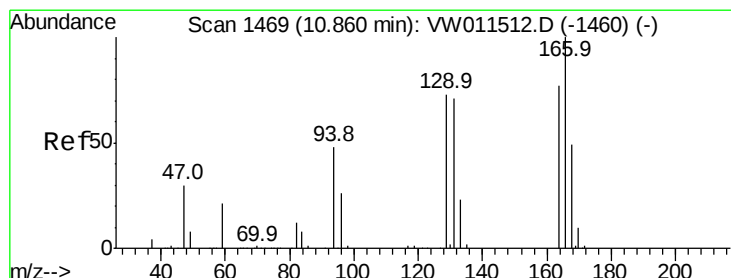
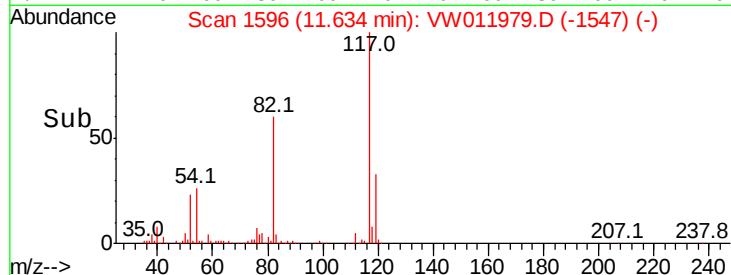
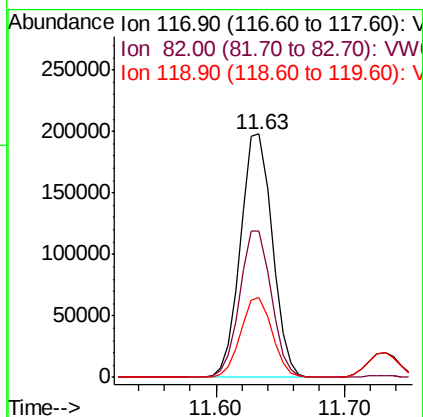
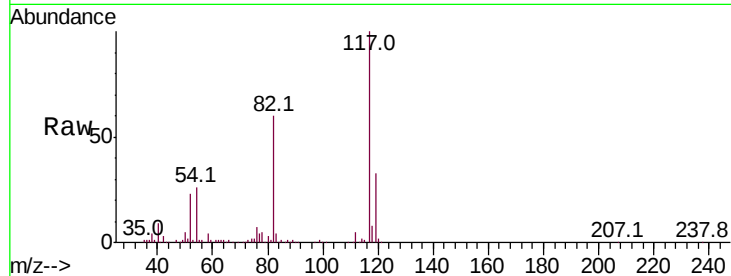




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

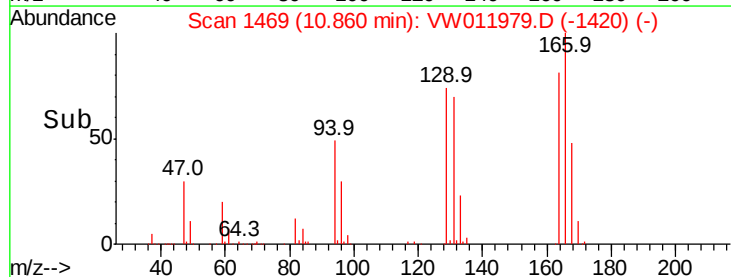
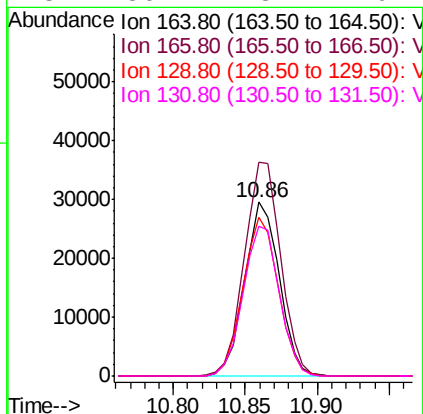
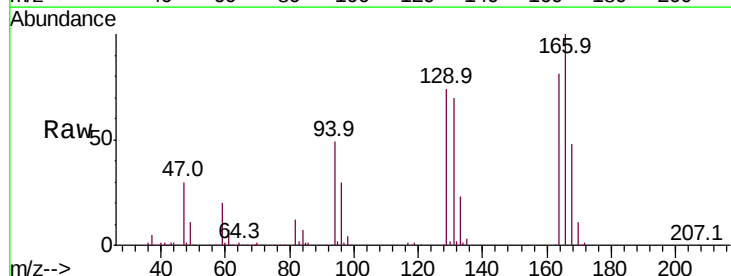
Instrument :
MSVOA_W
ClientSampled :

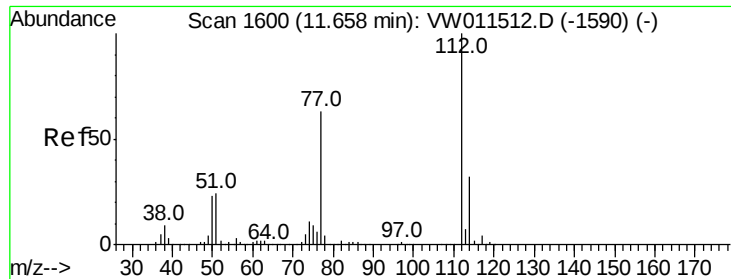
Tot Ion:117 Resp: 339206
Ion Ratio Lower Upper
117 100
82 60.1 47.9 71.9
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 22.200 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion:164 Resp: 49031
Ion Ratio Lower Upper
164 100
166 122.8 103.5 155.3
129 91.1 75.2 112.8
131 86.4 73.4 110.2

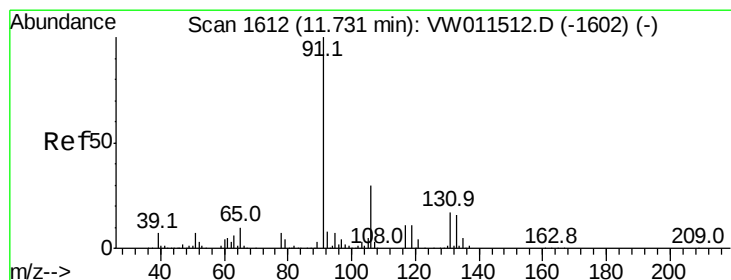
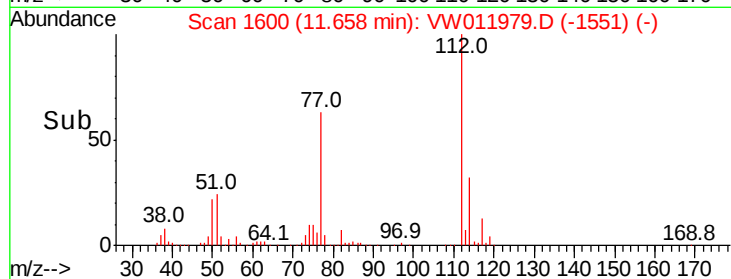
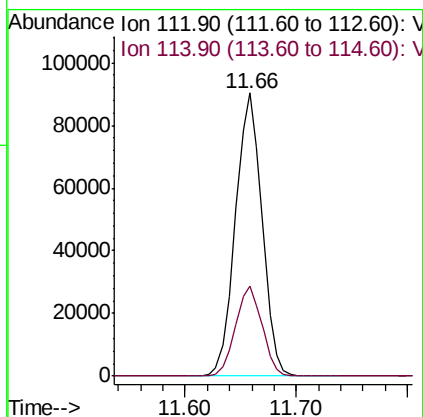
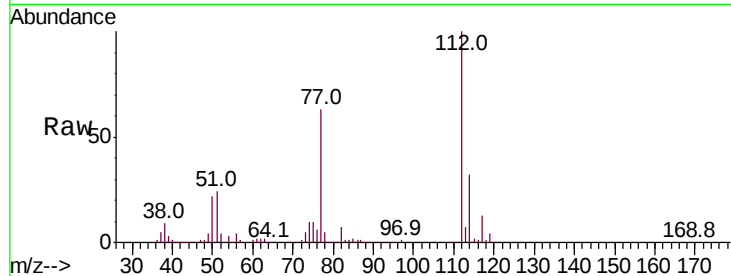




#65
Chlorobenzene
Concen: 21.798 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

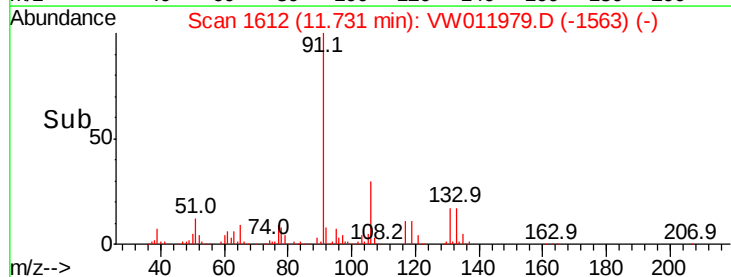
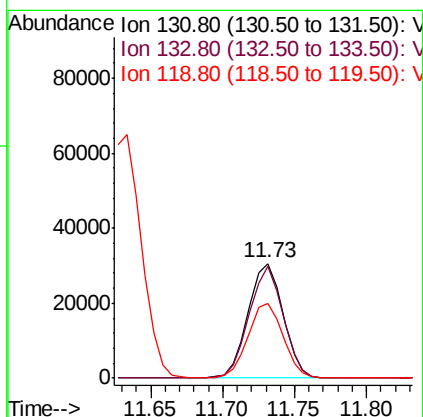
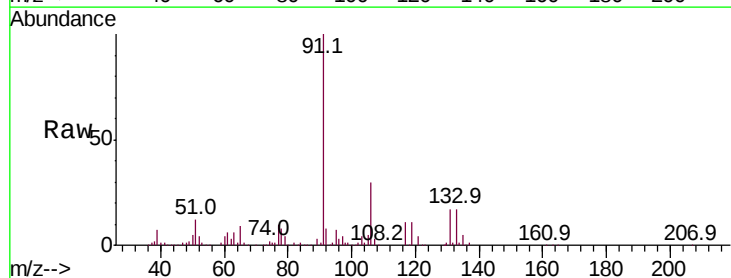
Instrument :
MSVOA_W
ClientSampled :

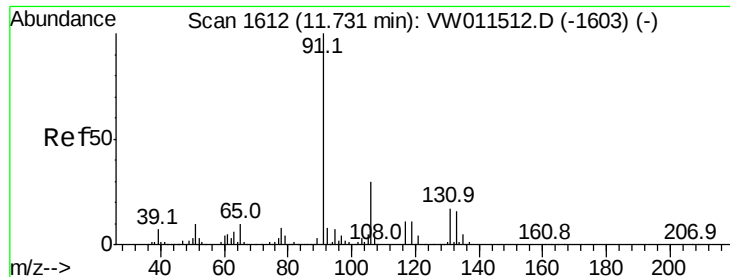
Tot Ion:112 Resp: 148654
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.668 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion:131 Resp: 51472
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 65.7 32.3 96.9

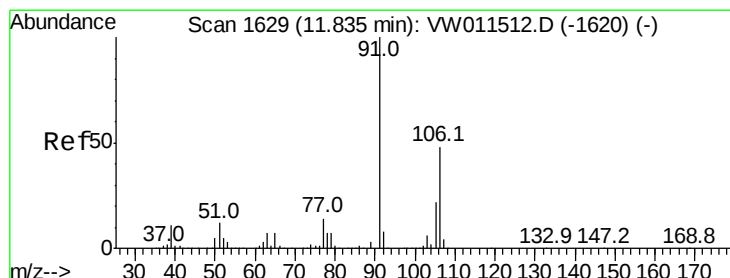
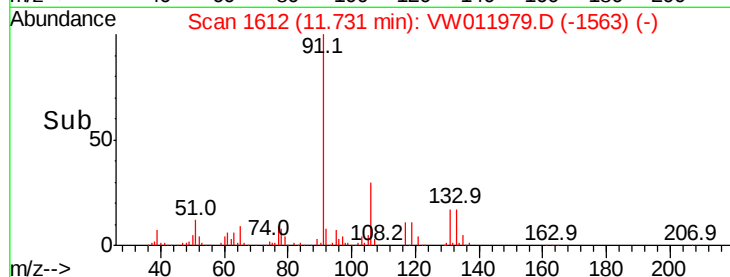
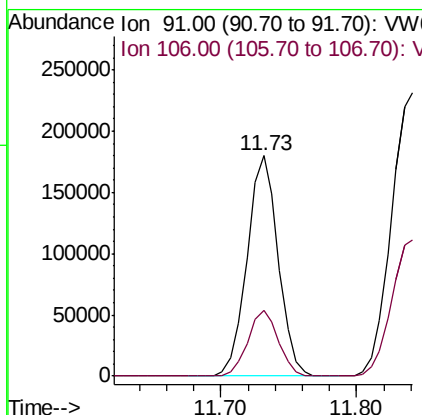
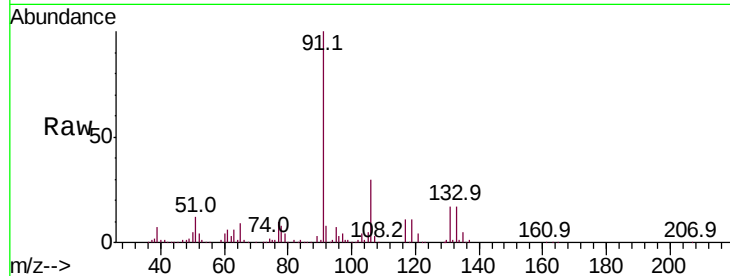




#67
Ethyl Benzene
Concen: 22.100 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

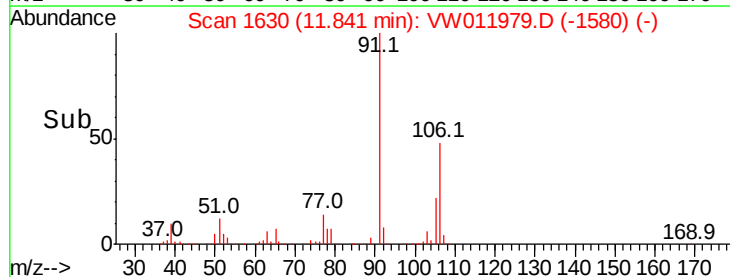
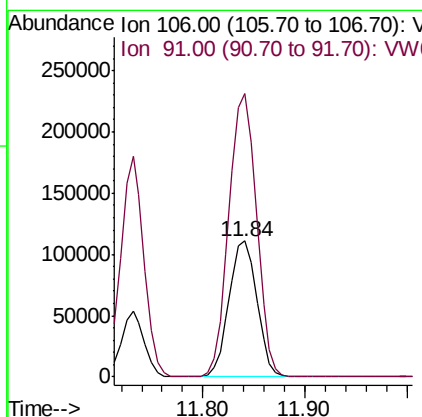
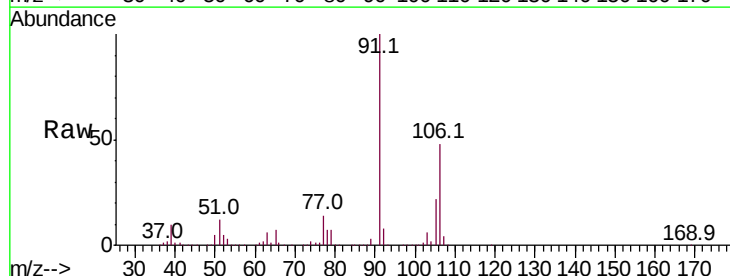
Instrument :
MSVOA_W
ClientSampled :

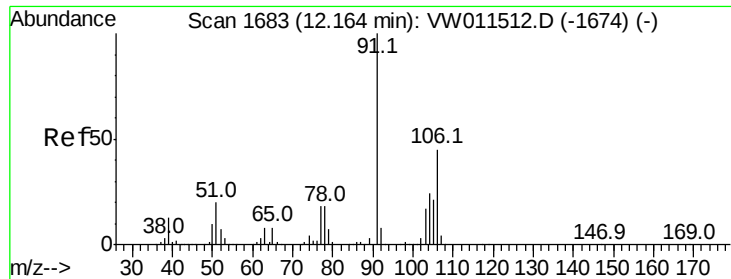
Tot Ion: 91 Resp: 287042
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 44.506 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion:106 Resp: 210221
Ion Ratio Lower Upper
106 100
91 206.8 168.2 252.2

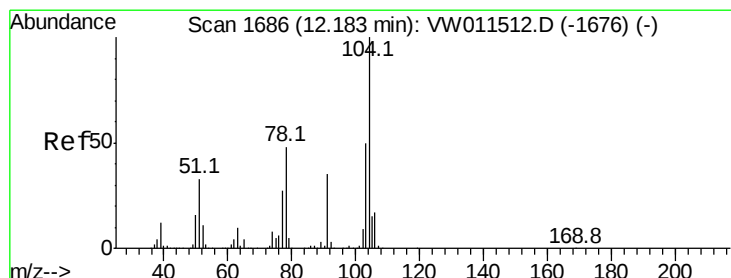
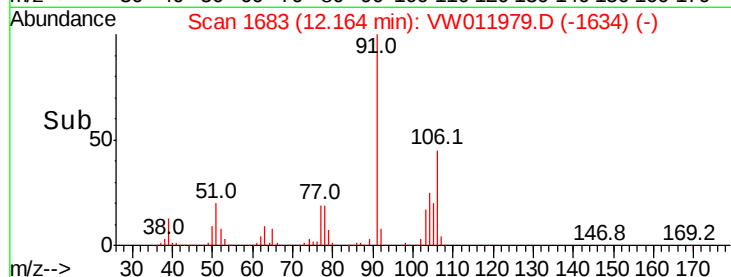
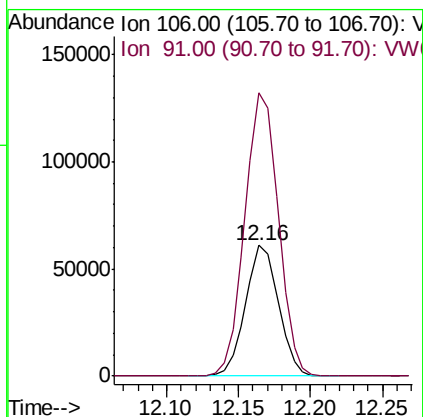
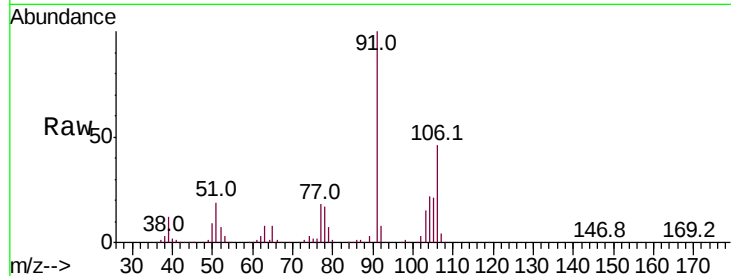




#69
o-Xylene
Concen: 22.069 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

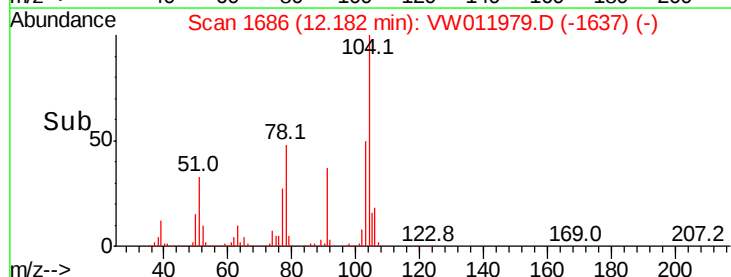
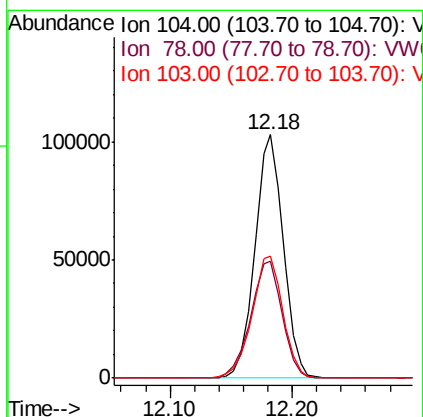
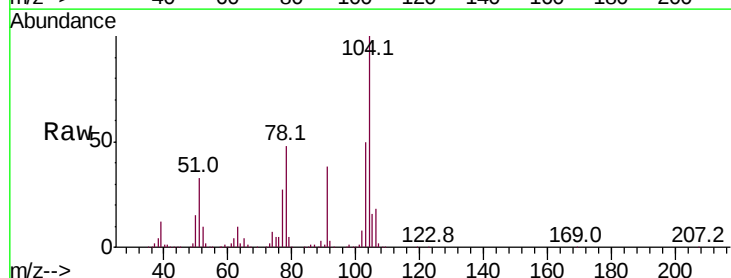
Instrument :
MSVOA_W
ClientSampled :

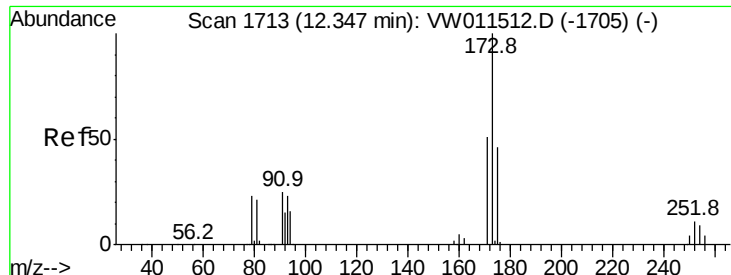
Tot Ion:106 Resp: 96869
Ion Ratio Lower Upper
106 100
91 220.8 110.5 331.5



#70
Styrene
Concen: 21.998 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion:104 Resp: 166949
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.0
103 54.5 43.9 65.9

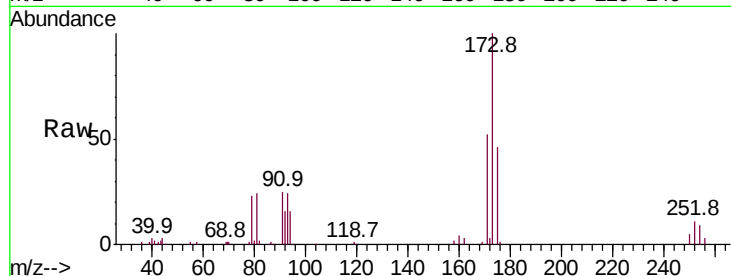




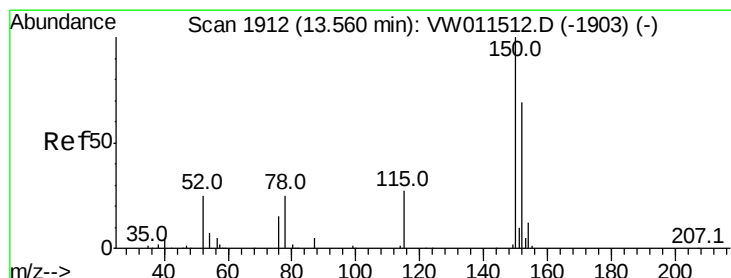
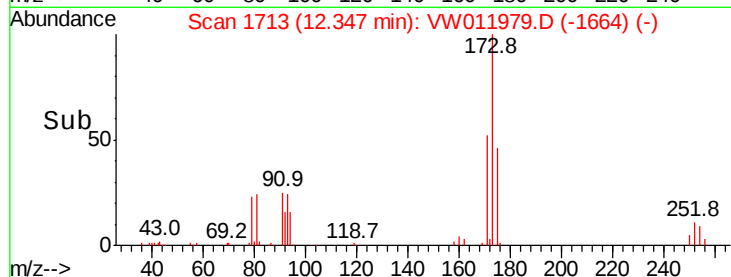
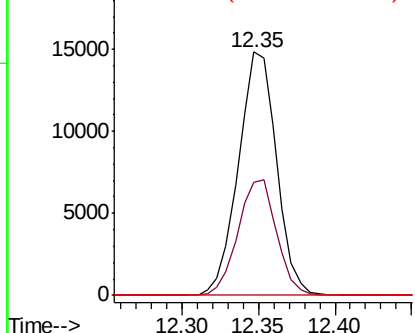
#71
Bromoform
Concen: 21.177 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 25648
Ion Ratio Lower Upper
173 100
175 48.0 23.6 71.0
254 0.0 0.1 0.1#

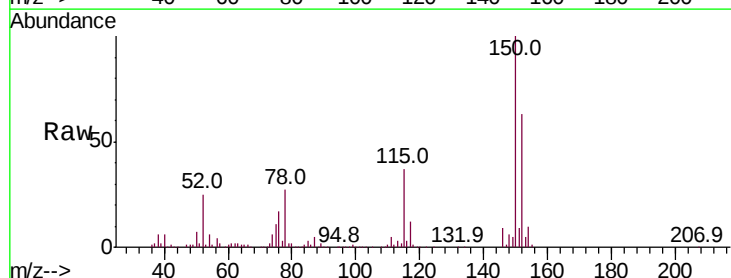


Abundance Ion 172.70 (172.40 to 173.40): V
20000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

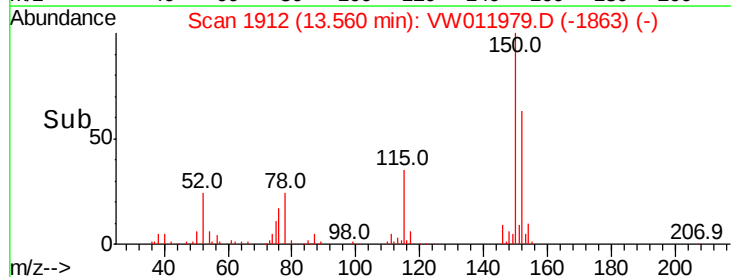
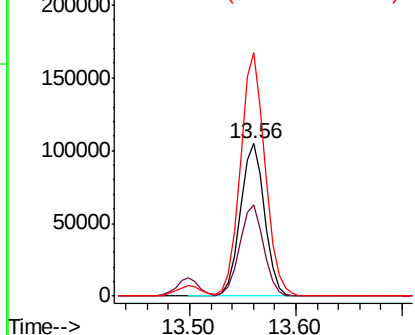


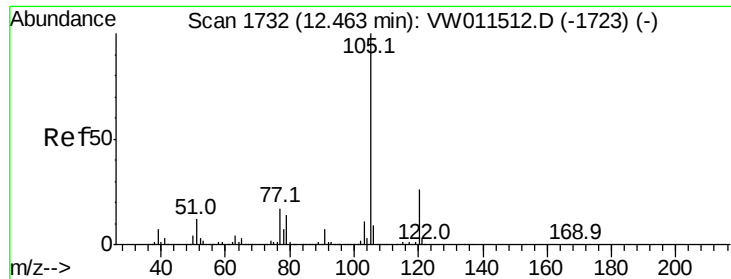
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion:152 Resp: 166337
Ion Ratio Lower Upper
152 100
115 59.4 30.5 91.5
150 163.5 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
200000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.998 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

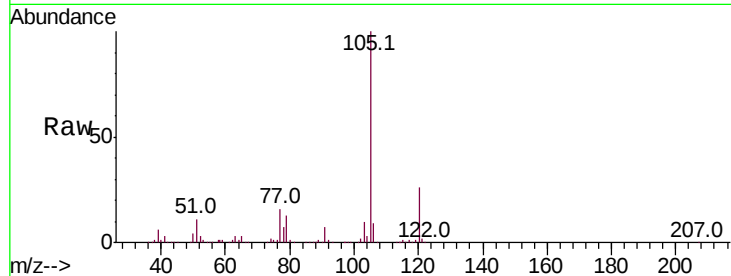
ClientSampleId :

Tot Ion:105 Resp: 272982

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

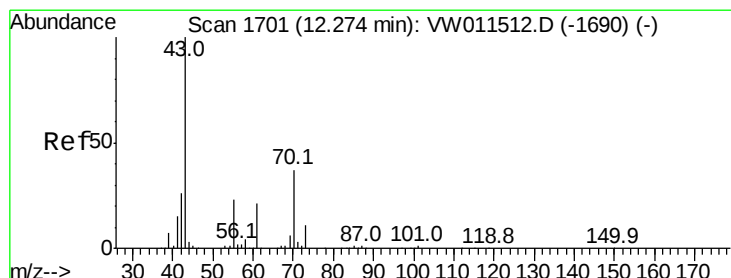
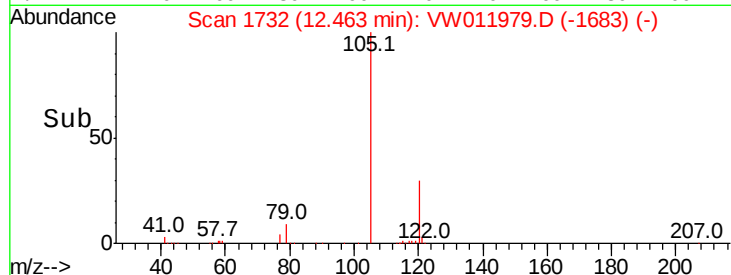
100000

50000

0

12.40 12.45 12.50

Time-->



#74

N-ethyl acetate

Concen: 20.847 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Tgt Ion: 43 Resp: 80989

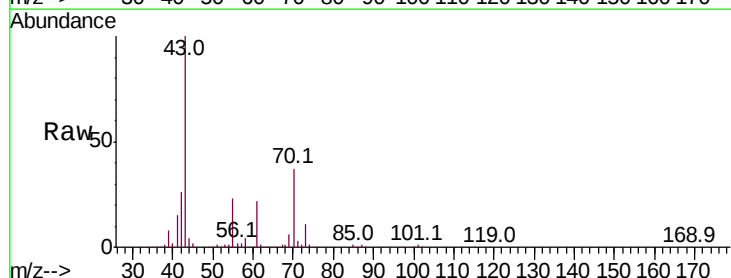
Ion Ratio Lower Upper

43 100

70 36.2 28.6 43.0

55 23.1 17.8 26.8

61 21.5 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

60000

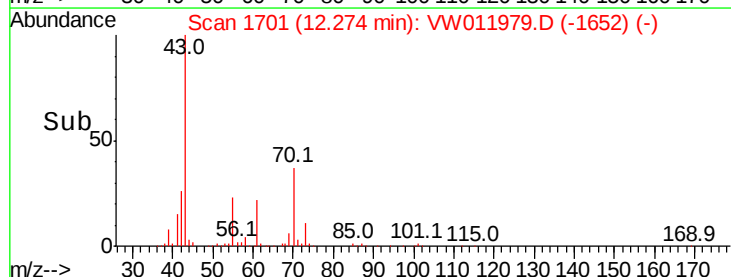
40000

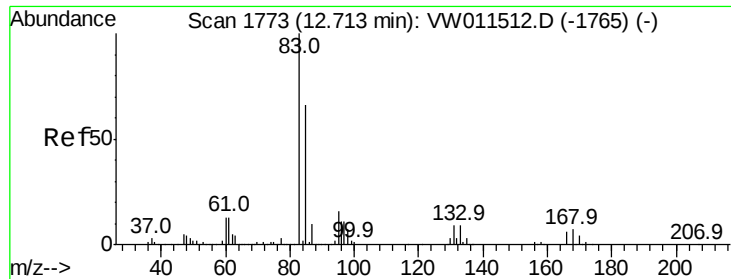
20000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.571 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

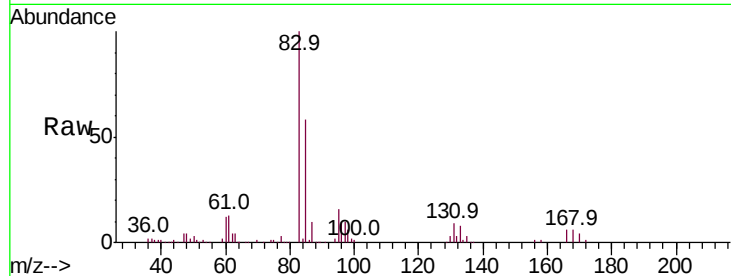
Tot Ion: 83 Resp: 48016

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.6

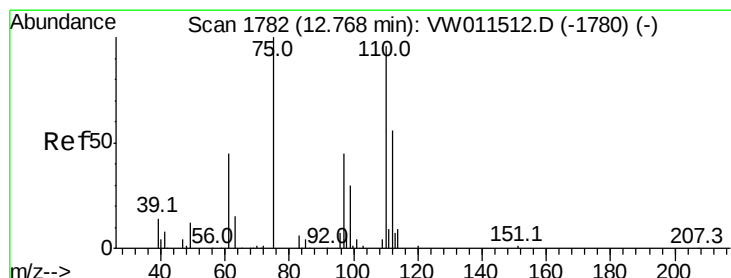
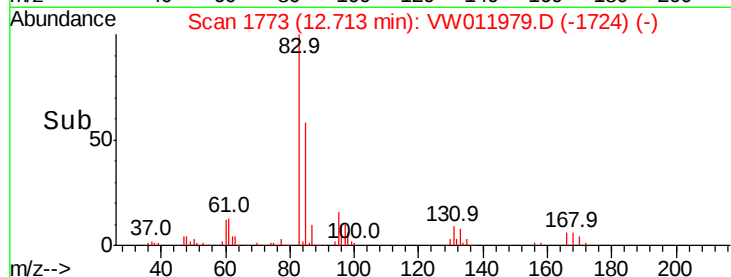
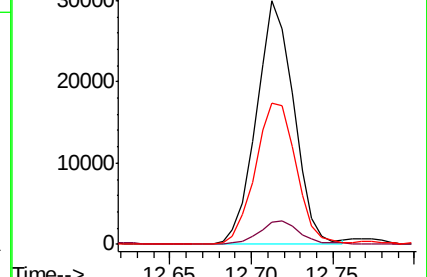
85 63.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.189 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011979.D

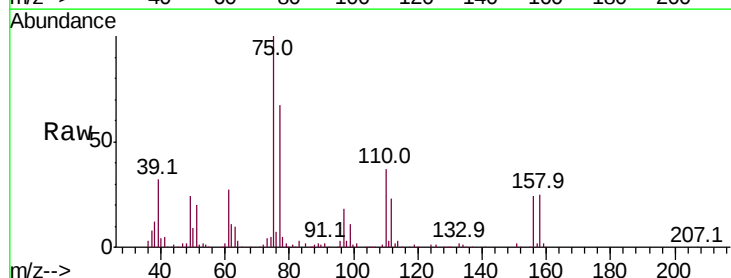
Acq: 19 Aug 2019 09:56

Tgt Ion: 75 Resp: 63694

Ion Ratio Lower Upper

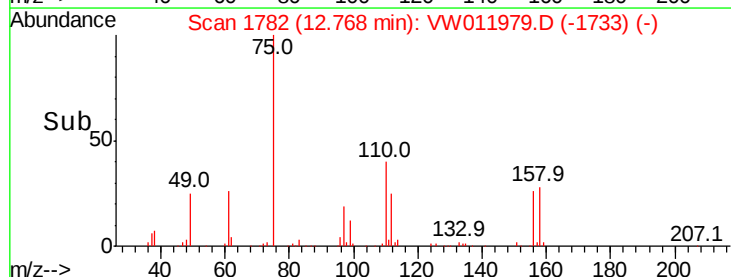
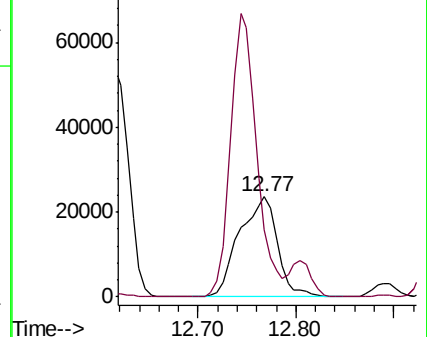
75 100

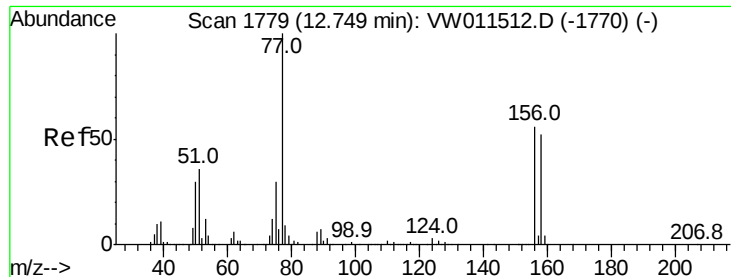
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.257 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

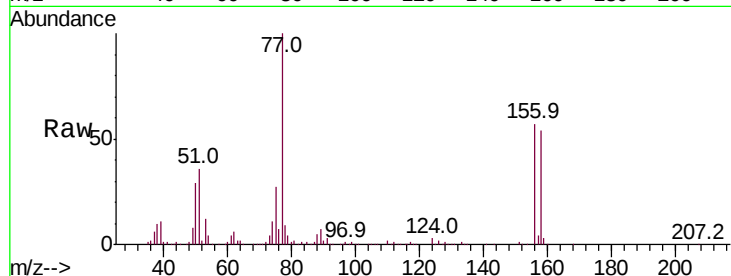
Tot Ion:156 Resp: 58303

Ion Ratio Lower Upper

156 100

77 212.9 106.5 319.4

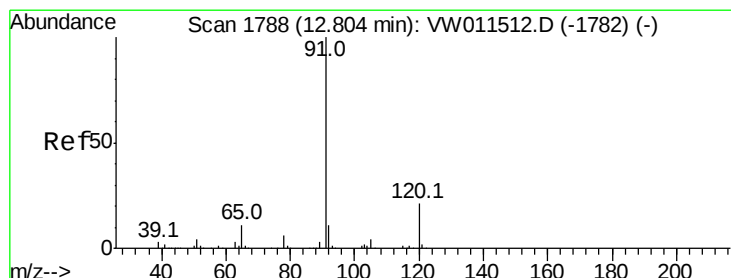
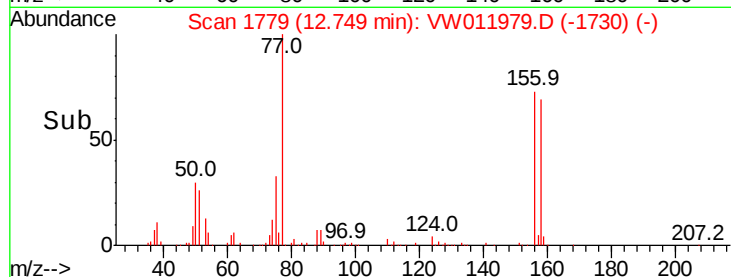
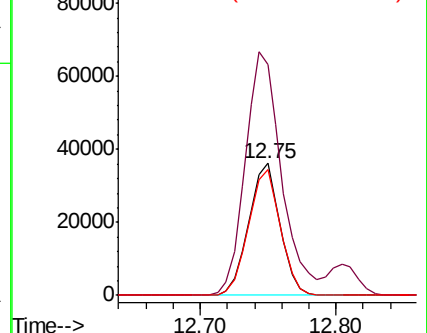
158 97.0 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VW

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 22.089 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011979.D

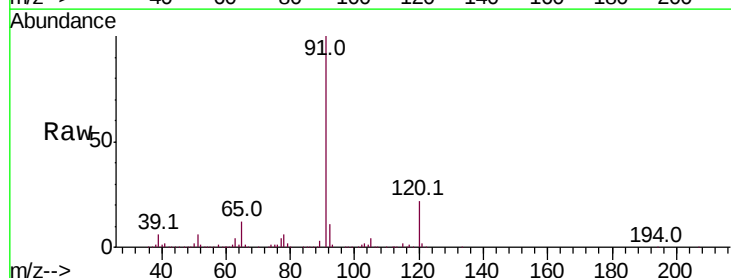
Acq: 19 Aug 2019 09:56

Tgt Ion: 91 Resp: 333593

Ion Ratio Lower Upper

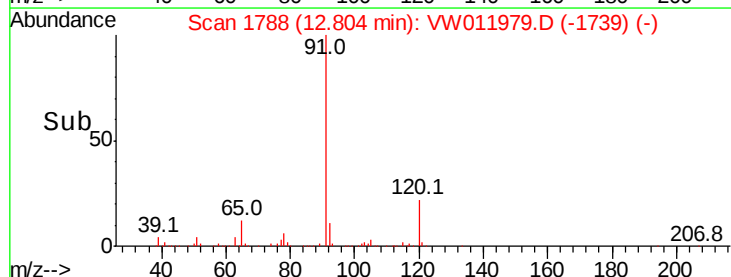
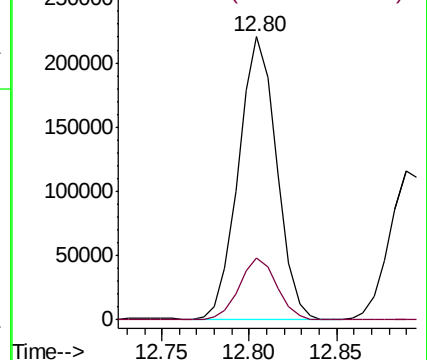
91 100

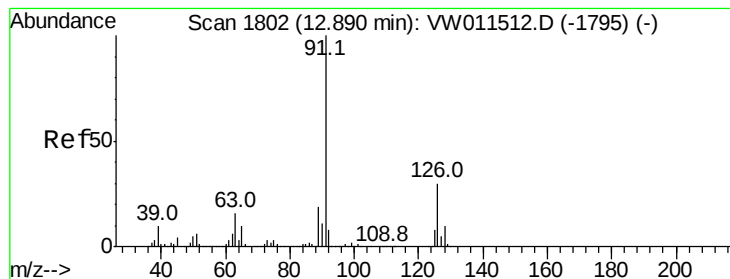
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.30): VW

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 21.572 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

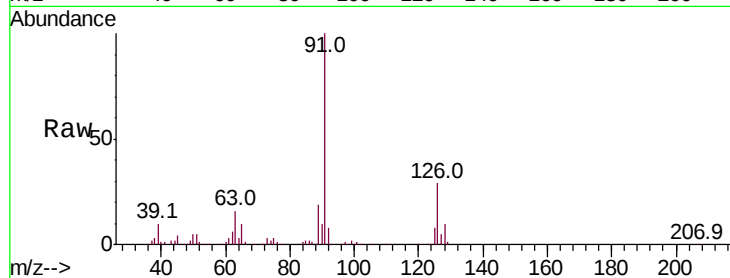
ClientSampleId :

Tot Ion: 91 Resp: 187685

Ion Ratio Lower Upper

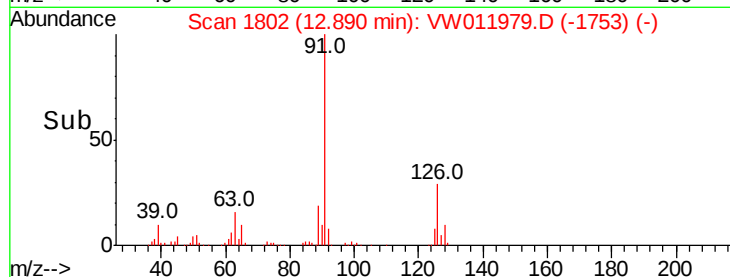
91 100

126 31.0 15.7 47.1

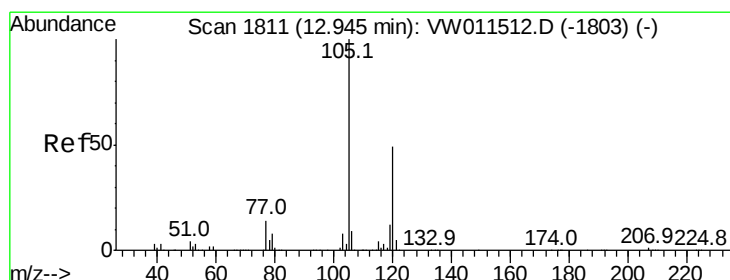


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.801 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011979.D

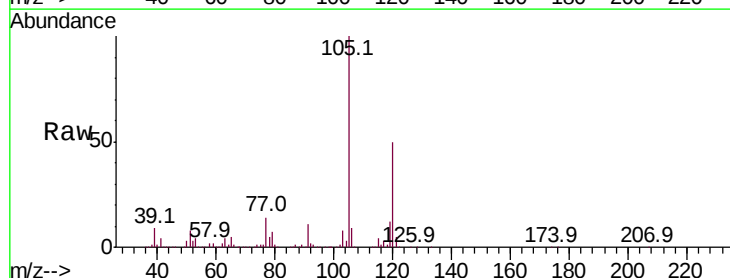
Acq: 19 Aug 2019 09:56

Tgt Ion:105 Resp: 226772

Ion Ratio Lower Upper

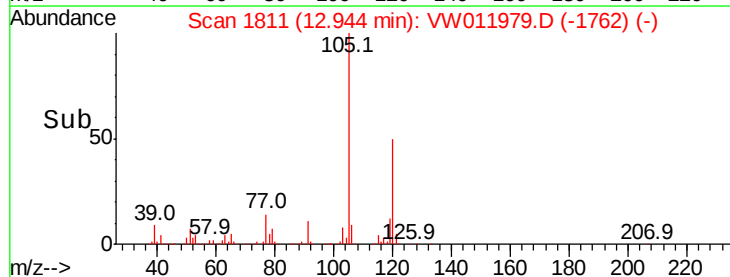
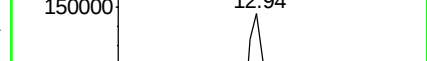
105 100

120 48.7 24.1 72.3

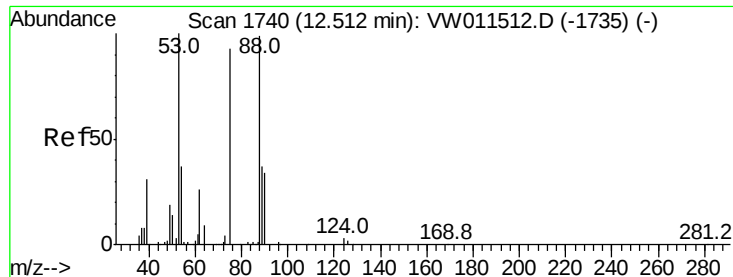


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



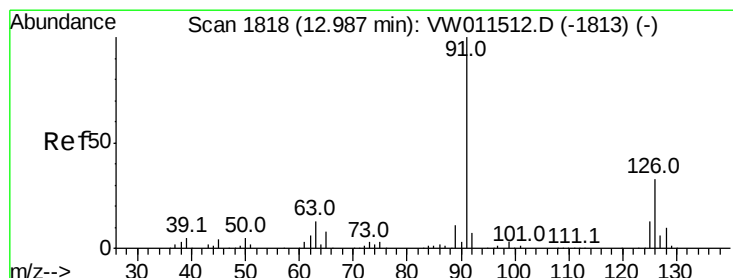
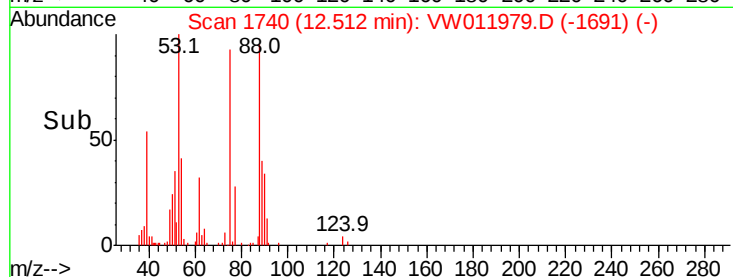
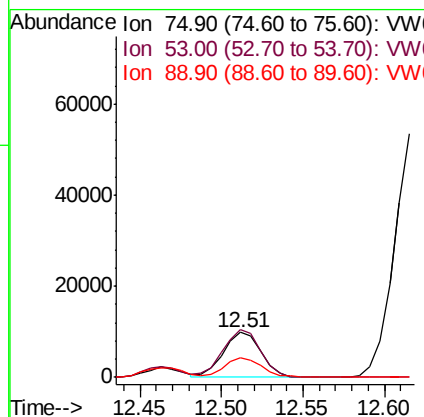
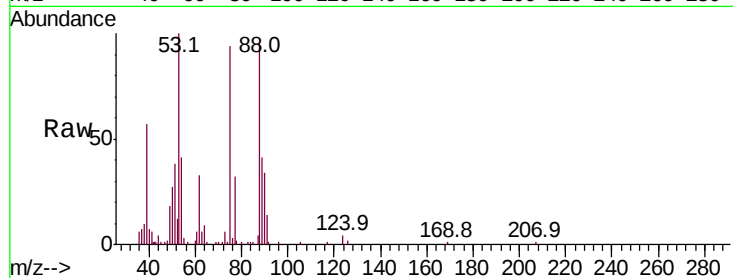
Time-->



#81
trans-1,4-Dichloro-2-butene
Concen: 20.921 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

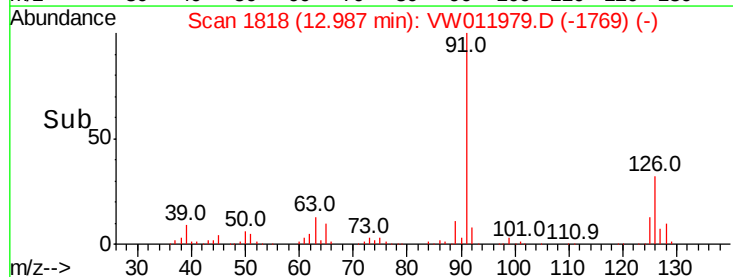
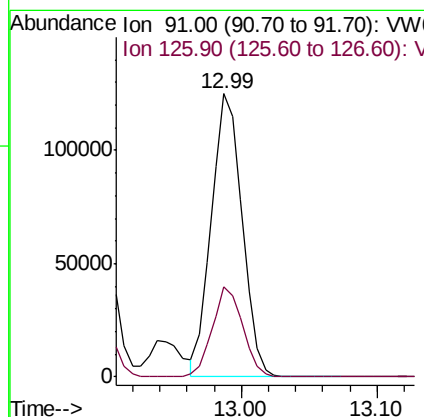
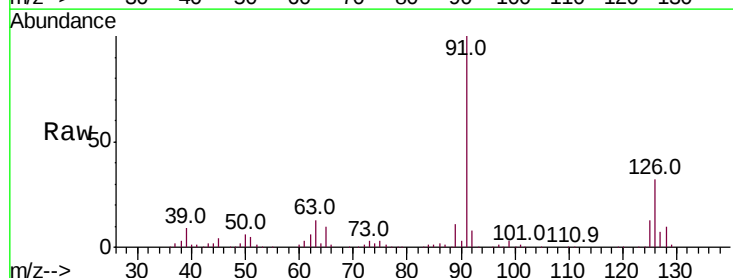
Instrument :
MSVOA_W
ClientSampleId :

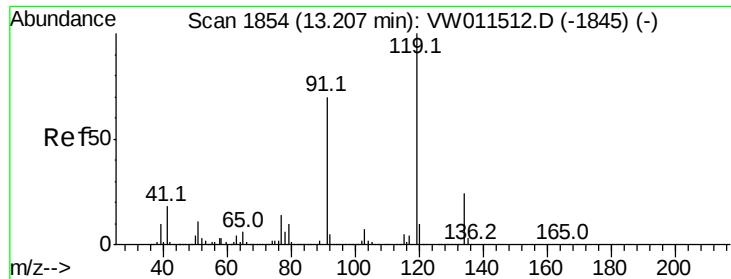
Tot Ion: 75 Resp: 15977
Ion Ratio Lower Upper
75 100
53 106.9 88.0 132.0
89 43.3 35.3 52.9



#82
4-Chlorotoluene
Concen: 21.389 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion: 91 Resp: 195244
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.8

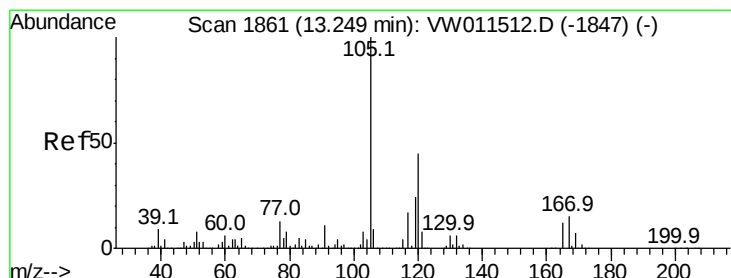
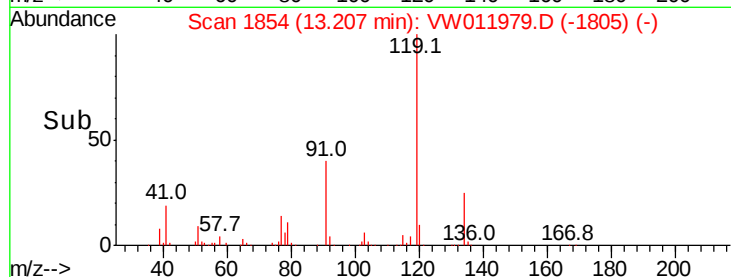
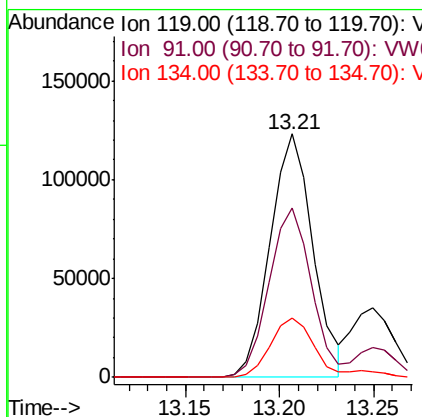
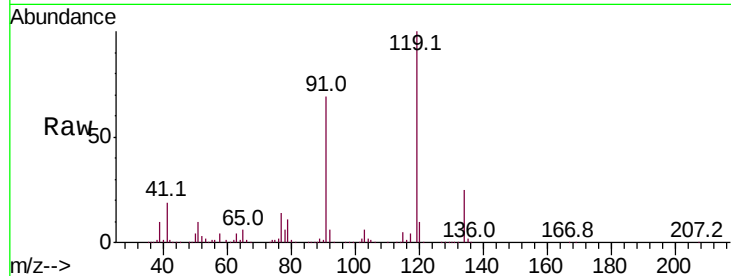




#83
tert-Butylbenzene
Concen: 22.294 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

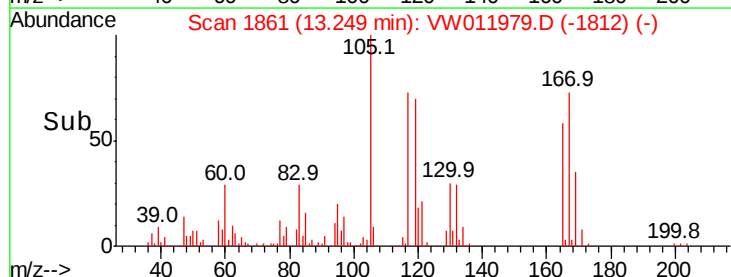
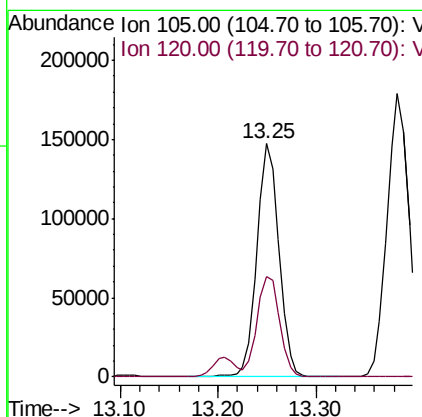
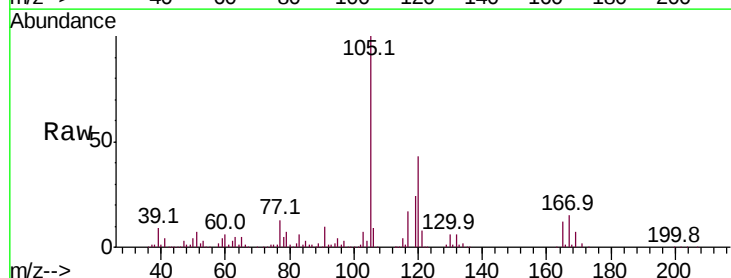
Instrument :
MSVOA_W
ClientSampleId :

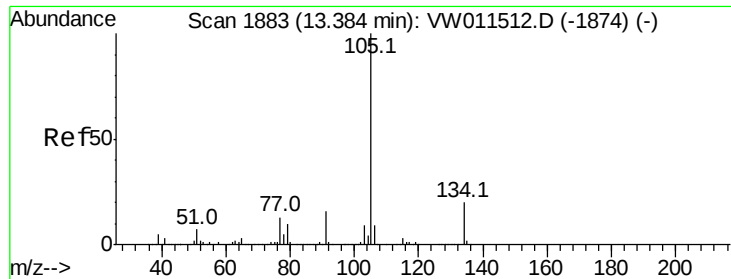
Tot Ion:119 Resp: 193929
Ion Ratio Lower Upper
119 100
91 68.8 34.5 103.6
134 24.9 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 21.974 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion:105 Resp: 230254
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5

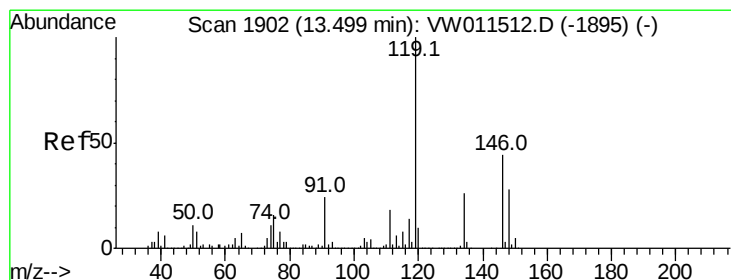
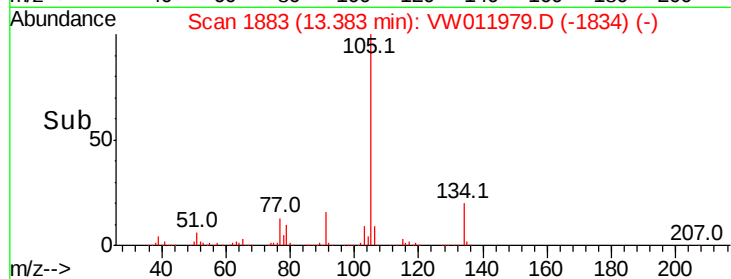
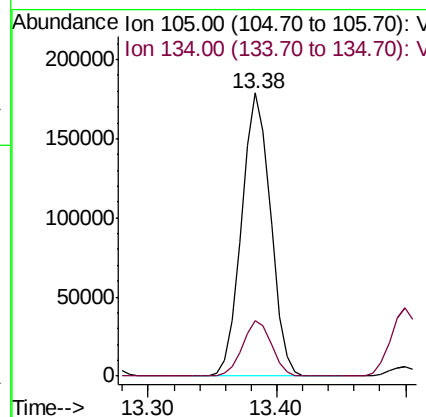
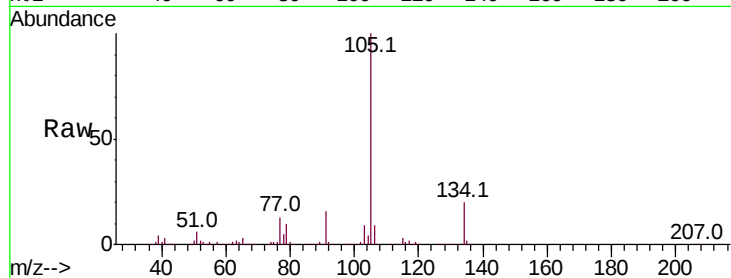




#85
 sec-Butylbenzene
 Concen: 22.433 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

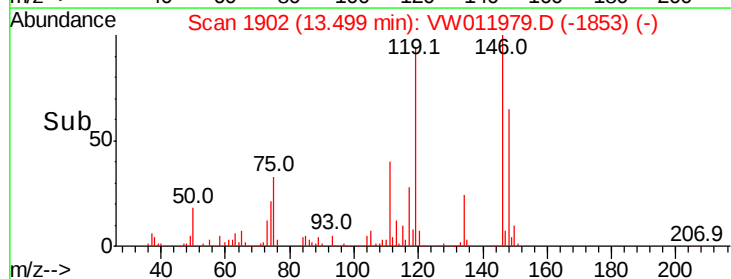
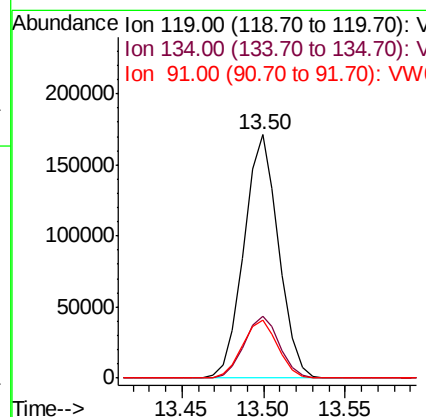
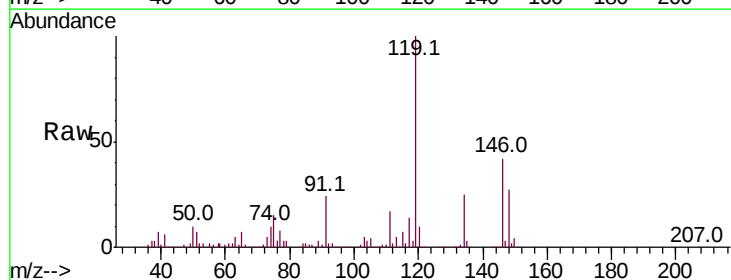
Instrument :
 MSVOA_W
 ClientSampleId :

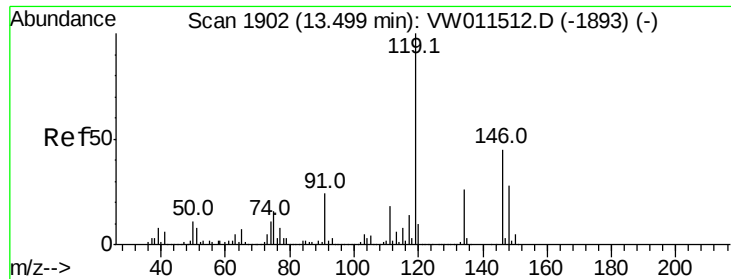
Tot Ion:105 Resp: 278432
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 22.428 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion:119 Resp: 252575
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.245 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

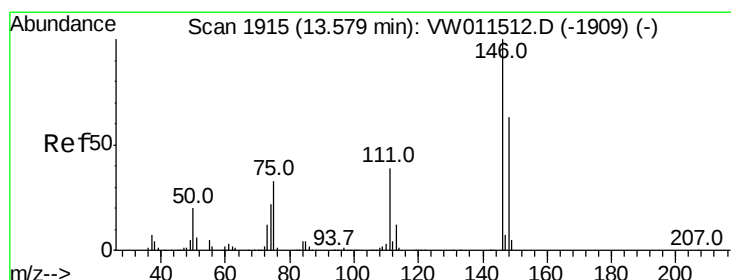
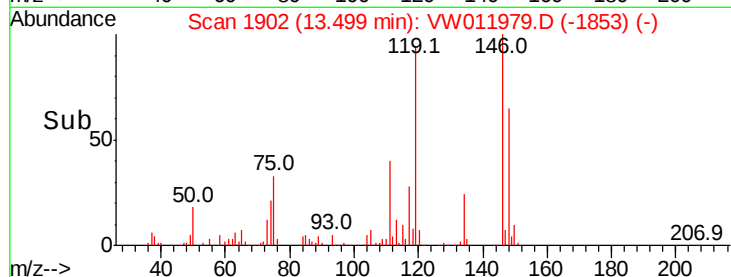
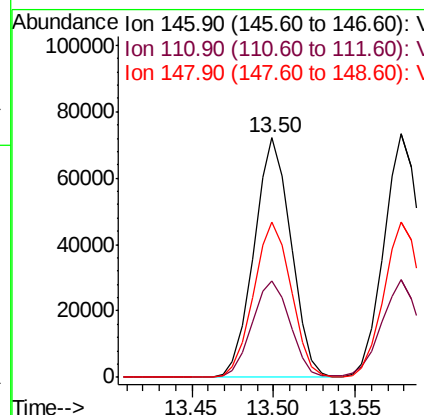
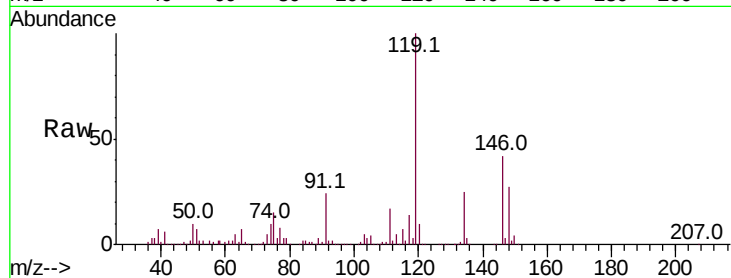
Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:146 Resp: 114254

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	65.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 21.517 ug/l

RT: 13.58 min Scan# 1915

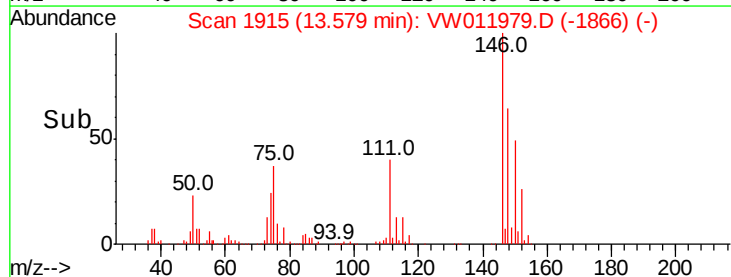
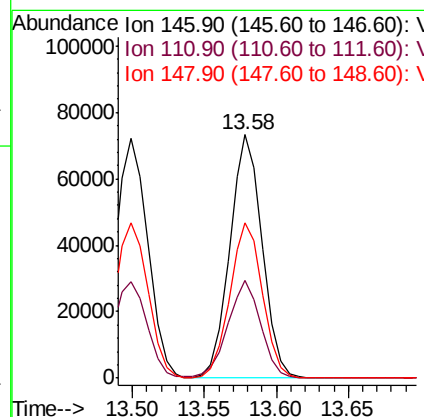
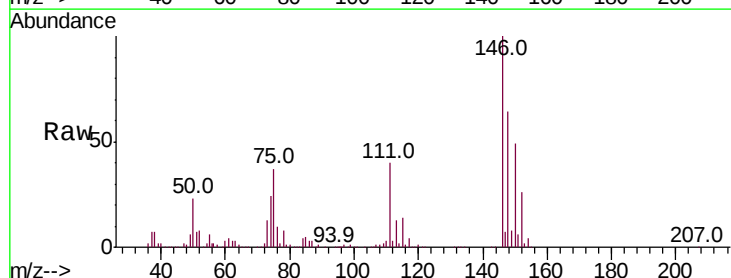
Delta R.T. -0.00 min

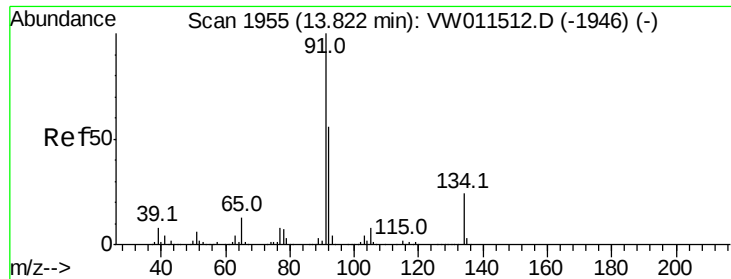
Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Tgt Ion:146 Resp: 115115

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.1	60.2
148	64.4	31.9	95.9





#89

n-Butylbenzene

Concen: 22.151 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011979.D

Acq: 19 Aug 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

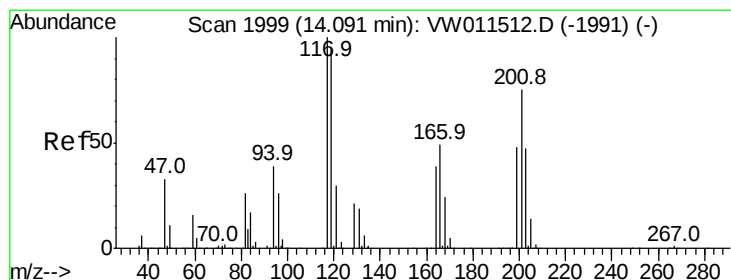
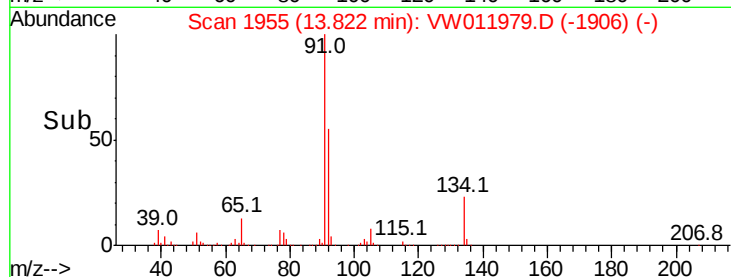
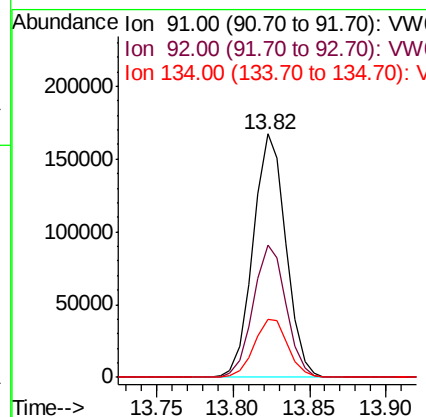
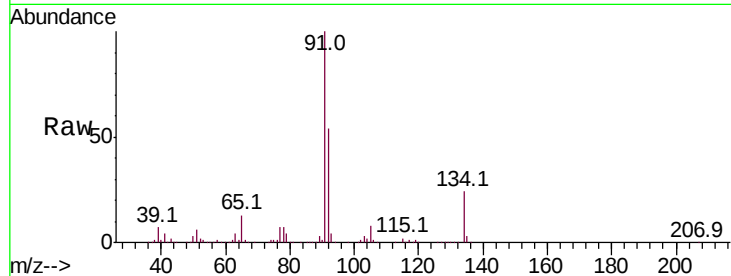
Tot Ion: 91 Resp: 248941

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.4

134 24.6 12.2 36.6



#90

Hexachloroethane

Concen: 22.113 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011979.D

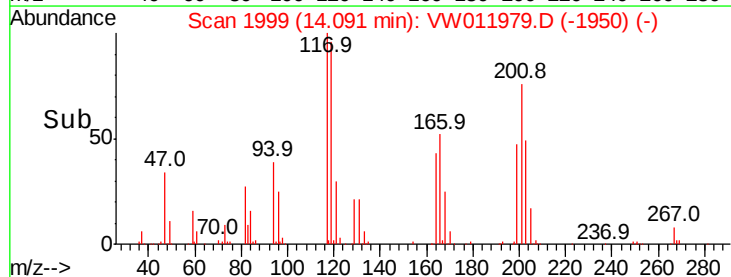
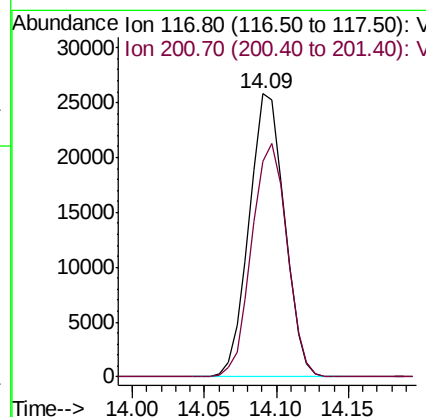
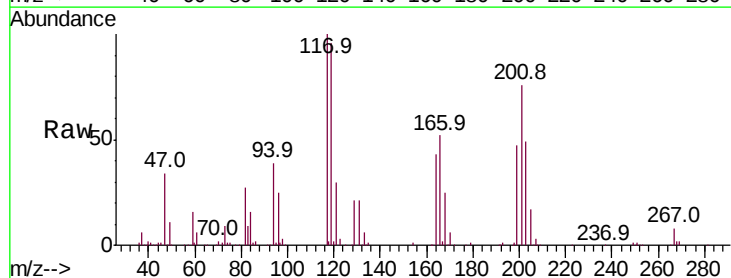
Acq: 19 Aug 2019 09:56

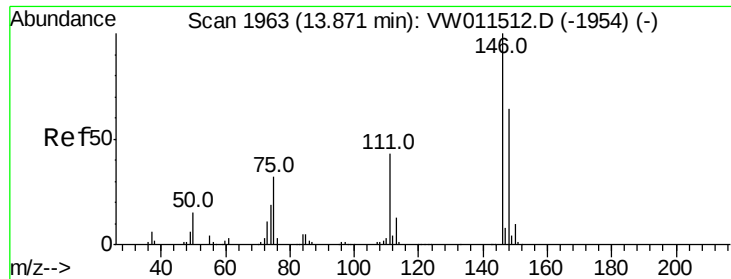
Tgt Ion: 117 Resp: 44035

Ion Ratio Lower Upper

117 100

201 82.1 39.4 118.2

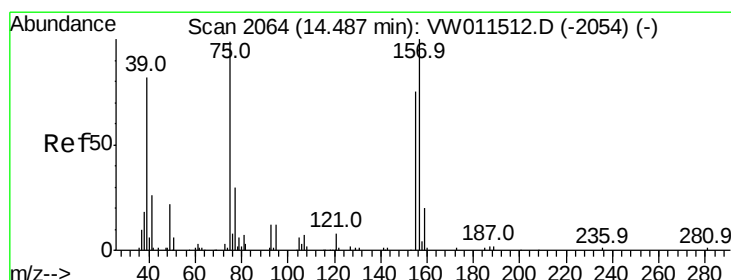
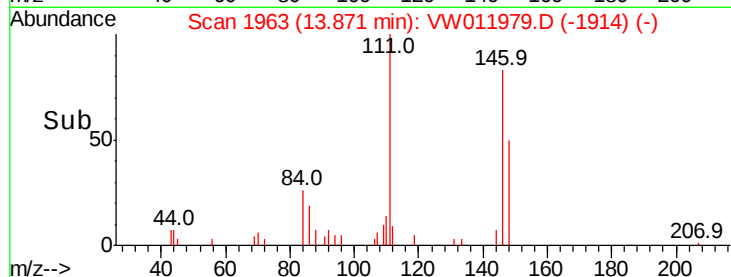
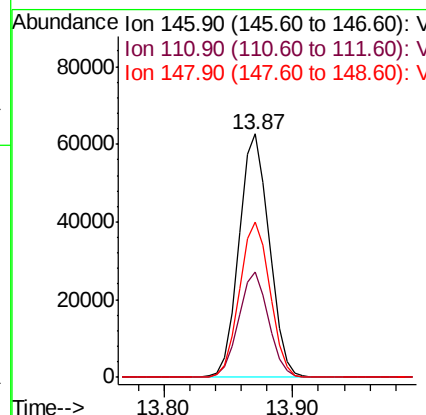
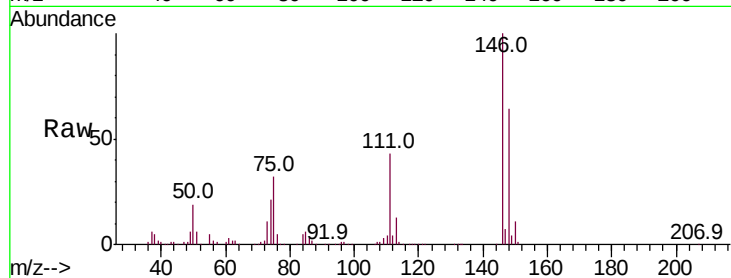




#91
 1,2-Dichlorobenzene
 Concen: 21.435 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

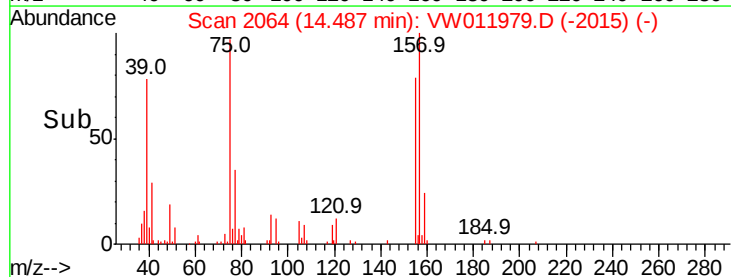
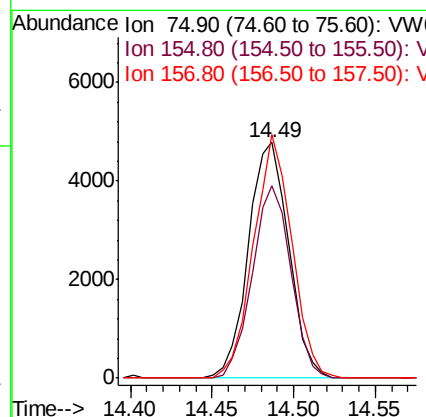
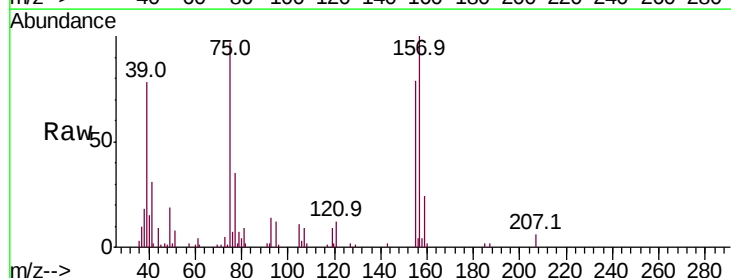
Instrument :
 MSVOA_W
 ClientSampleId :

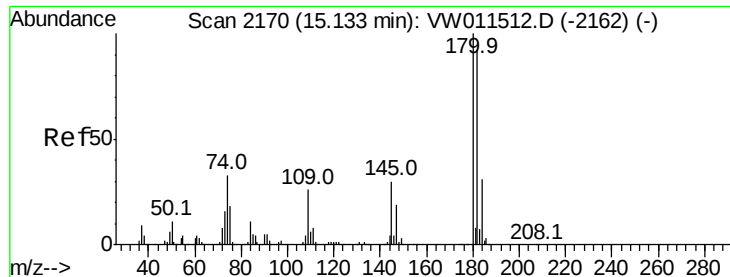
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	65.0
148	64.3	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.639 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	38.2	114.6
157	97.6	48.9	146.7

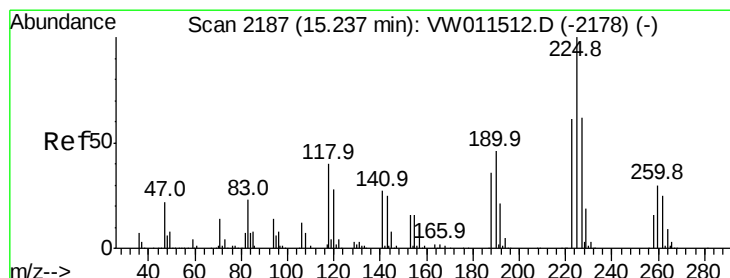
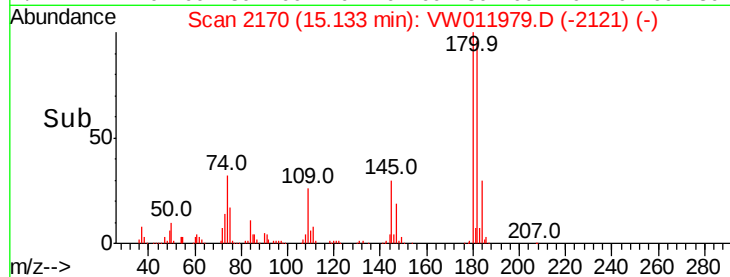
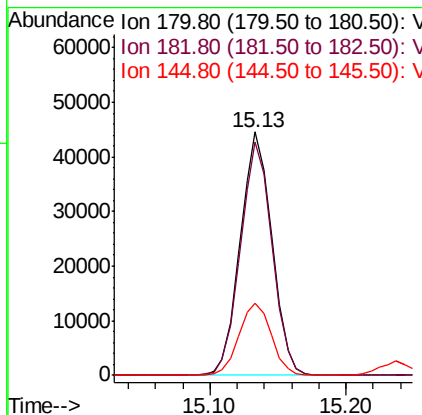
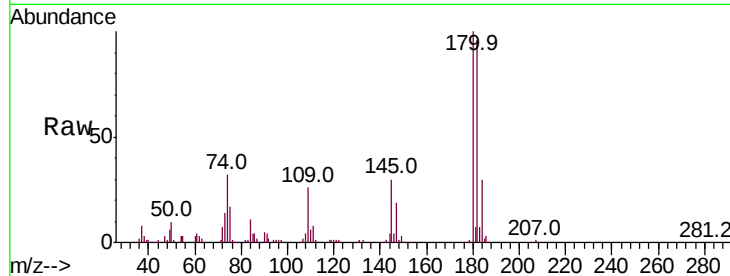




#93
 1,2,4-Trichlorobenzene
 Concen: 21.672 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

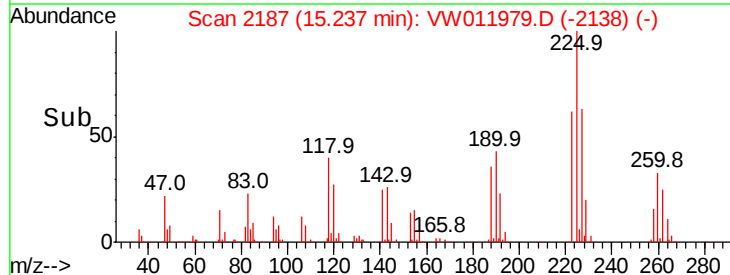
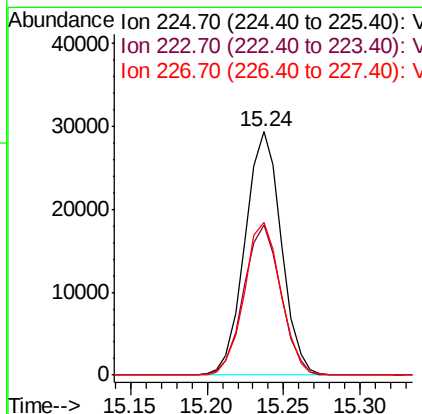
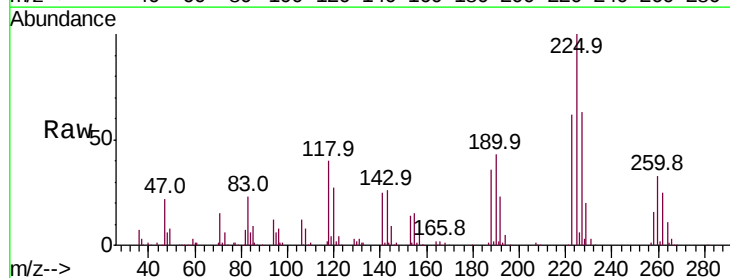
Instrument :
 MSVOA_W
 ClientSampleId :

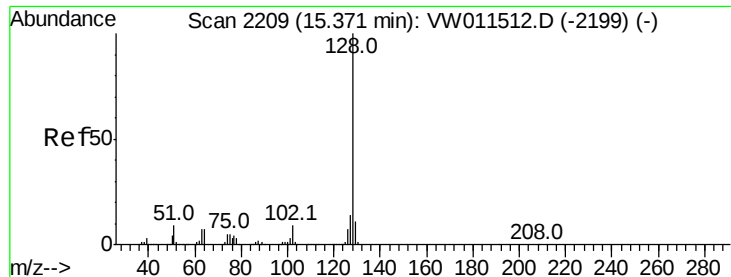
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	30.2	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 23.178 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011979.D
 Acq: 19 Aug 2019 09:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.8	92.3
227	63.1	31.6	94.7

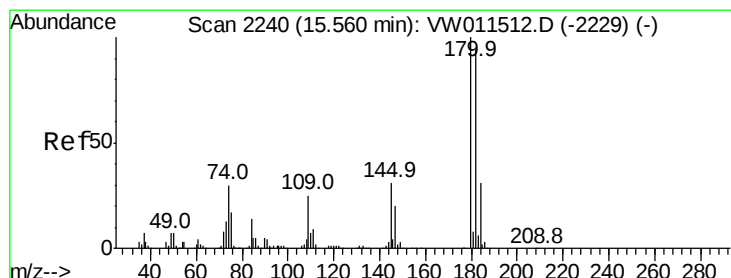
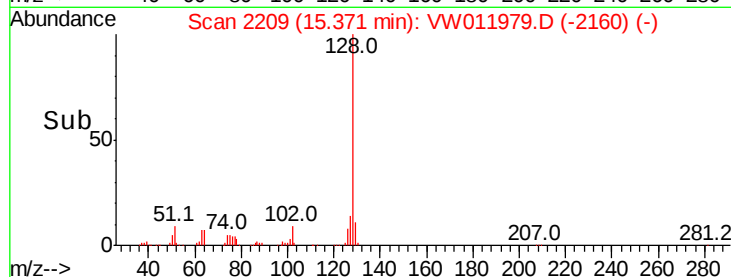
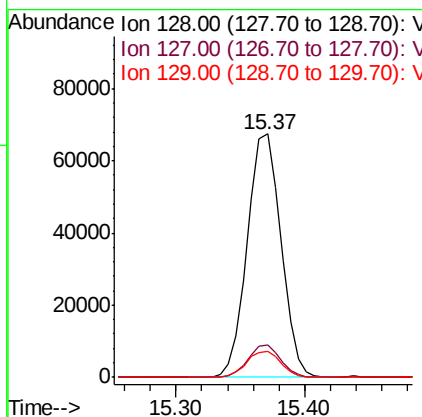
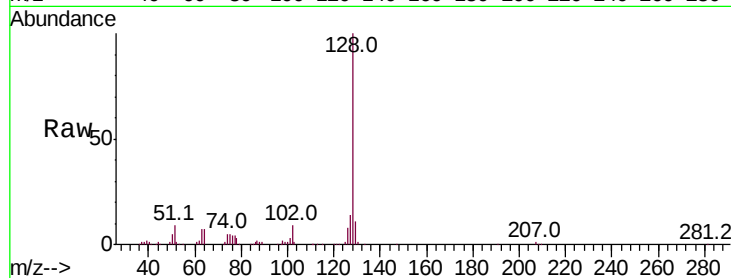




#95
Naphthalene
Concen: 19.903 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.034 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011979.D
Acq: 19 Aug 2019 09:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	32.5	15.9	47.7

