

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012635.D
 Acq On : 05 Sep 2019 12:40
 Operator : SY/VA
 Sample : VW0905SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 15:46:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168396	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	139572	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.88	113	112716	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.32	98	450500	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.62	95	216603	68.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25200	17.243	ug/l	99
3) Chloromethane	2.21	50	39180	17.304	ug/l	98
4) Vinyl Chloride	2.36	62	46292	16.704	ug/l	95
5) Bromomethane	2.73	94	17749	12.646	ug/l	94
6) Chloroethane	2.90	64	26758	17.116	ug/l	98
7) Trichlorofluoromethane	3.24	101	28839	20.724	ug/l	91
8) Diethyl Ether	3.68	74	22516	17.047	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44353	18.751	ug/l	94
10) Methyl Iodide	4.27	142	58326	18.225	ug/l	98
11) Tert butyl alcohol	5.17	59	17472	102.900	ug/l	99
12) 1,1-Dichloroethene	4.03	96	42133	17.698	ug/l	98
13) Acrolein	3.89	56	9430	58.999	ug/l	96
14) Allyl chloride	4.67	41	88746	17.437	ug/l	97
15) Acrylonitrile	5.36	53	63966	97.705	ug/l	98
16) Acetone	4.12	43	64868	89.941	ug/l	99
17) Carbon Disulfide	4.38	76	100145	13.919	ug/l	98
18) Methyl Acetate	4.67	43	34395	19.254	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	82201	21.351	ug/l	96
20) Methylene Chloride	4.91	84	51942	19.050	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	46912	18.376	ug/l	95
22) Diisopropyl ether	6.31	45	194897	20.659	ug/l	95
23) Vinyl Acetate	6.25	43	571488	98.433	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106059	20.647	ug/l	99
25) 2-Butanone	7.17	43	98020	100.013	ug/l	99
26) 2,2-Dichloropropane	7.16	77	65953	22.684	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	56660	20.773	ug/l	98
28) Bromochloromethane	7.51	49	44822	20.020	ug/l	97
29) Tetrahydrofuran	7.52	42	59883	101.842	ug/l	99
30) Chloroform	7.68	83	103266	21.974	ug/l	99
31) Cyclohexane	7.95	56	93920	18.481	ug/l	# 93
32) 1,1,1-Trichloroethane	7.87	97	86074	23.152	ug/l	96
36) 1,1-Dichloropropene	8.08	75	81106	21.257	ug/l	99
37) Ethyl Acetate	7.25	43	40797	19.512	ug/l	96
38) Carbon Tetrachloride	8.06	117	75969	23.004	ug/l	95

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Quant Time: Sep 05 15:46:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89619	20.907	ug/l	98
40) Benzene	8.32	78	216079	20.740	ug/l	95
41) Methacrylonitrile	7.48	41	26116	21.252	ug/l	96
42) 1,2-Dichloroethane	8.40	62	73430	22.488	ug/l	98
43) Isopropyl Acetate	8.42	43	81972	21.165	ug/l	99
44) Trichloroethene	9.09	130	55468	21.900	ug/l	95
45) 1,2-Dichloropropane	9.37	63	58041	20.699	ug/l	98
46) Dibromomethane	9.46	93	27444	21.998	ug/l	96
47) Bromodichloromethane	9.64	83	73829	22.235	ug/l	98
48) Methyl methacrylate	9.43	41	40204	21.810	ug/l	97
49) 1,4-Dioxane	9.45	88	8265	432.746	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	210634	106.926	ug/l	99
52) Toluene	10.38	92	134397	21.473	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	73336	21.683	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	85354	20.901	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39994	22.658	ug/l	98
56) Ethyl methacrylate	10.65	69	58159	22.638	ug/l	97
57) 1,3-Dichloropropane	10.93	76	72663	21.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	143206	108.614	ug/l	98
59) 2-Hexanone	10.97	43	151514	108.703	ug/l	99
60) Dibromochloromethane	11.13	129	44505	22.636	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37191	22.616	ug/l	91
64) Tetrachloroethene	10.87	164	45883	22.413	ug/l	95
65) Chlorobenzene	11.66	112	137543	22.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50254	23.168	ug/l	98
67) Ethyl Benzene	11.73	91	272851	22.781	ug/l	97
68) m/p-Xylenes	11.84	106	192434	44.603	ug/l	99
69) o-Xylene	12.16	106	91044	22.800	ug/l	98
70) Styrene	12.18	104	160496	23.221	ug/l	99
71) Bromoform	12.35	173	26024	24.081	ug/l #	96
73) Isopropylbenzene	12.46	105	261102	20.693	ug/l	98
74) N-amyl acetate	12.27	43	79434	20.836	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	67944	29.371	ug/l	75
76) 1,2,3-Trichloropropane	12.77	75	59058	36.010	ug/l #	100
77) Bromobenzene	12.75	156	55828	20.451	ug/l	90
78) n-propylbenzene	12.80	91	315815	20.502	ug/l	99
79) 2-Chlorotoluene	12.89	91	180247	20.610	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	223855	21.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13667	18.271	ug/l	94
82) 4-Chlorotoluene	12.99	91	187154	20.438	ug/l	100
83) tert-Butylbenzene	13.21	119	193696	21.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	218840	20.662	ug/l	99
85) sec-Butylbenzene	13.38	105	276344	21.596	ug/l	97
86) p-Isopropyltoluene	13.50	119	250333	21.906	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	110800	20.751	ug/l	95
88) 1,4-Dichlorobenzene	13.50	146	110800	20.899	ug/l	94
89) n-Butylbenzene	13.82	91	251585	22.139	ug/l	99
90) Hexachloroethane	14.09	117	37119	18.514	ug/l	81
91) 1,2-Dichlorobenzene	13.87	146	98219	20.969	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7882	20.211	ug/l #	60

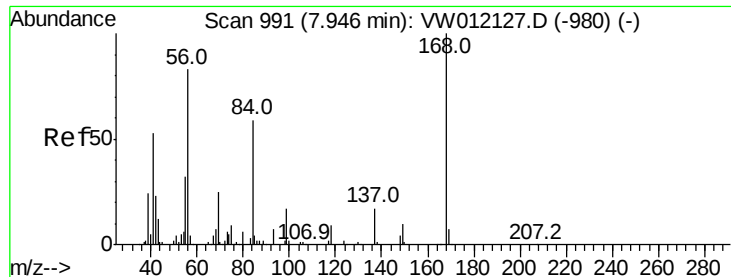
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	73420	22.682	ug/l	99
94) Hexachlorobutadiene	15.24	225	51728	24.202	ug/l	99
95) Naphthalene	15.36	128	132541	23.384	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	63091	22.340	ug/l	94

(#) = 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: VW012635.D

Acq: 05 Sep 2019 12:40

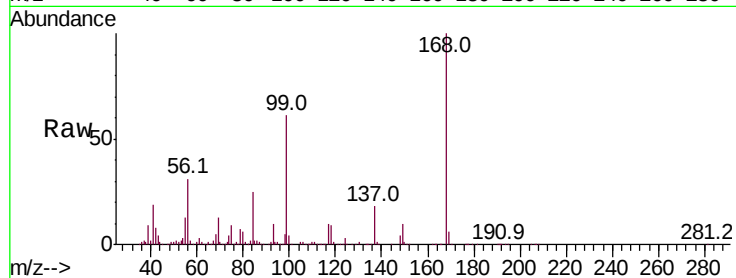
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 237348

Ion Ratio Lower Upper

168 100

99 61.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

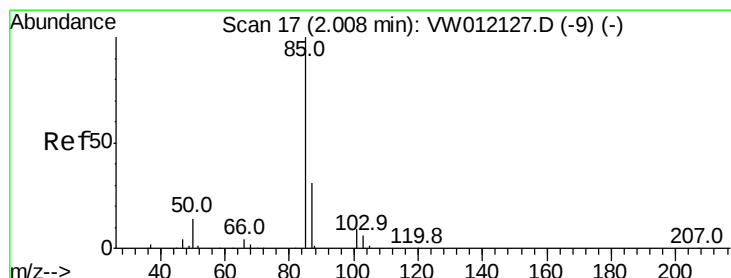
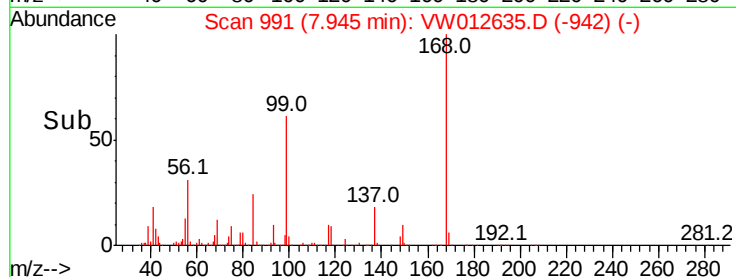
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 17.243 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012635.D

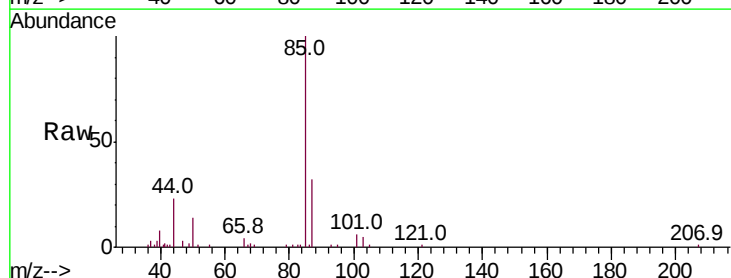
Acq: 05 Sep 2019 12:40

Tgt Ion: 85 Resp: 25200

Ion Ratio Lower Upper

85 100

87 31.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

4000

2000

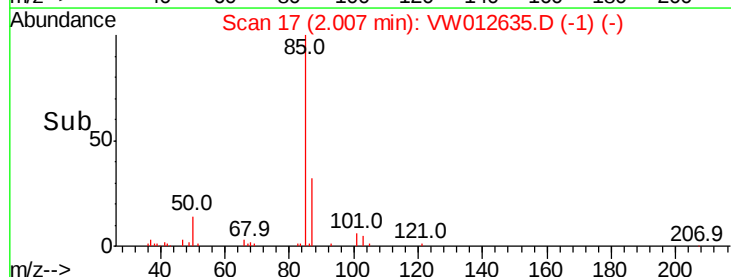
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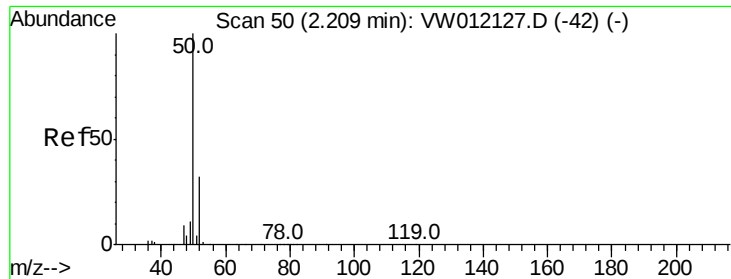
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 17.304 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

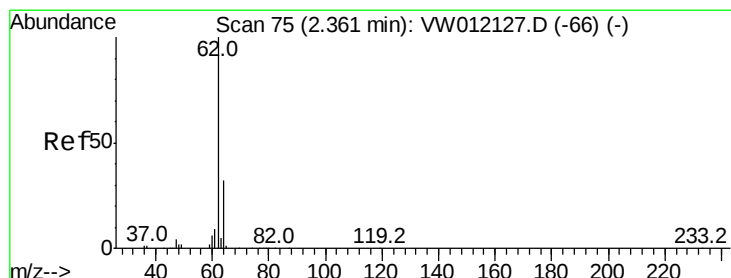
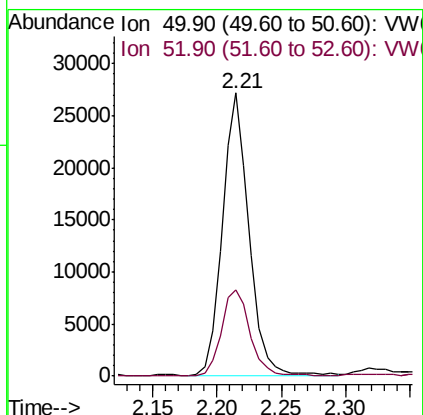
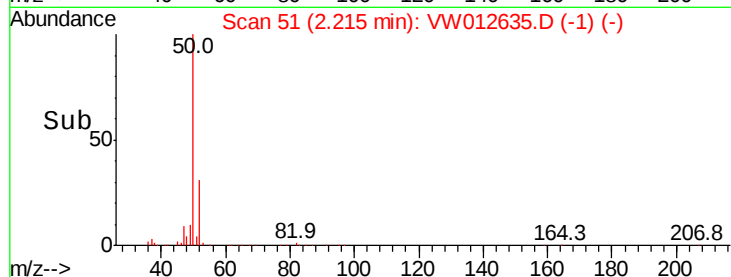
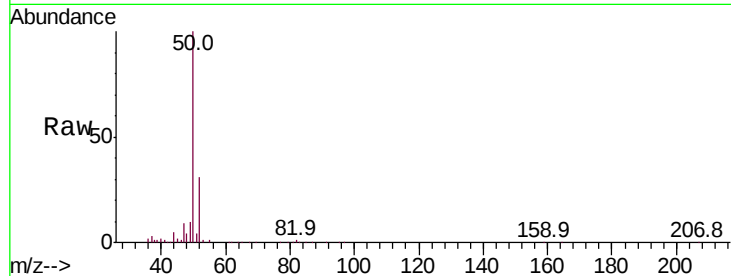
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 39180

Ion Ratio Lower Upper

50 100

52 30.6 25.5 38.3



#4

Vinyl Chloride

Concen: 16.704 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012635.D

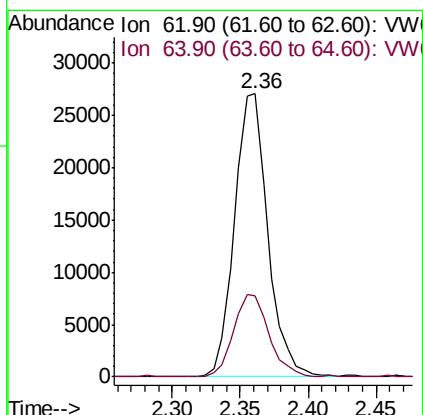
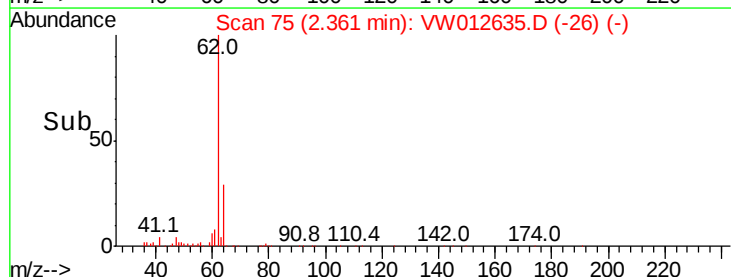
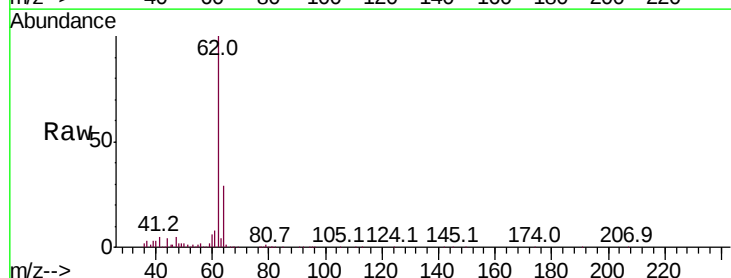
Acq: 05 Sep 2019 12:40

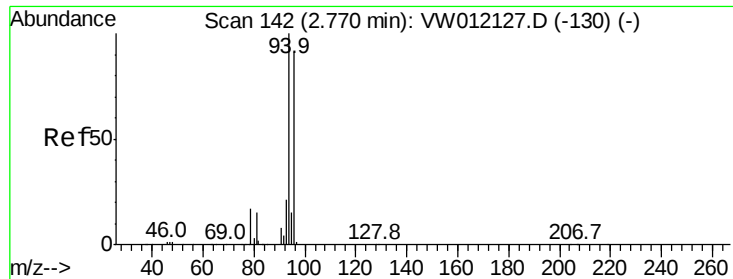
Tgt Ion: 62 Resp: 46292

Ion Ratio Lower Upper

62 100

64 28.6 25.3 37.9





#5

Bromomethane

Concen: 12.646 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

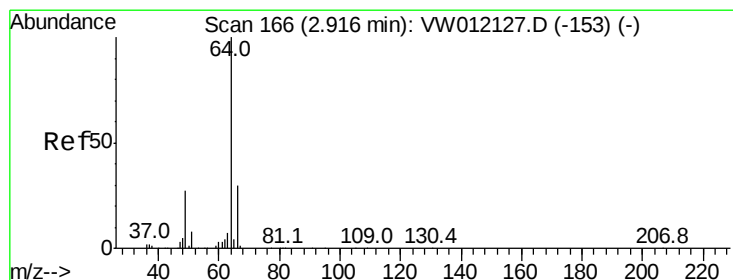
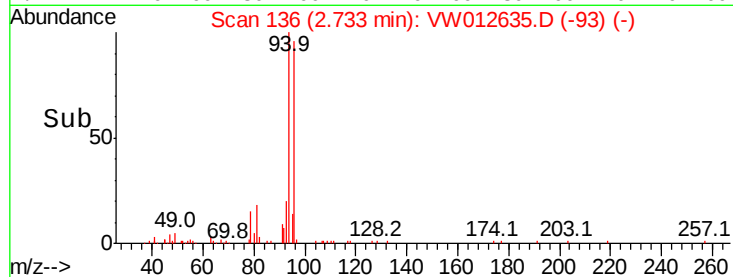
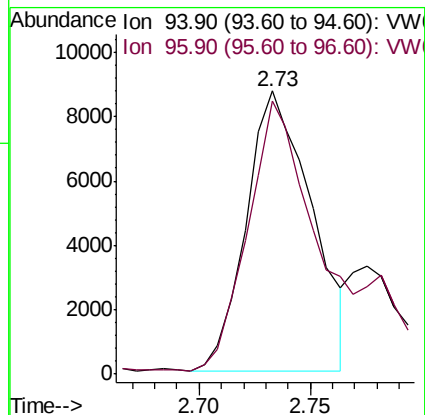
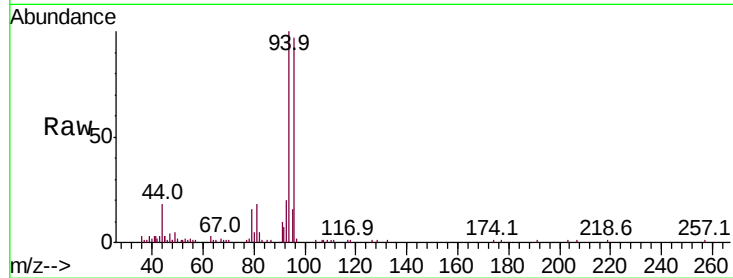
ClientSampled :

Tot Ion: 94 Resp: 17749

Ion Ratio Lower Upper

94 100

96 96.8 72.9 109.3



#6

Chloroethane

Concen: 17.116 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012635.D

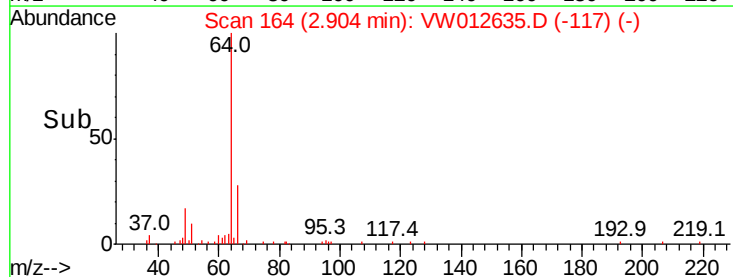
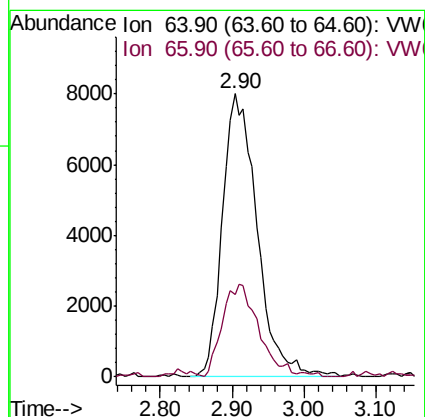
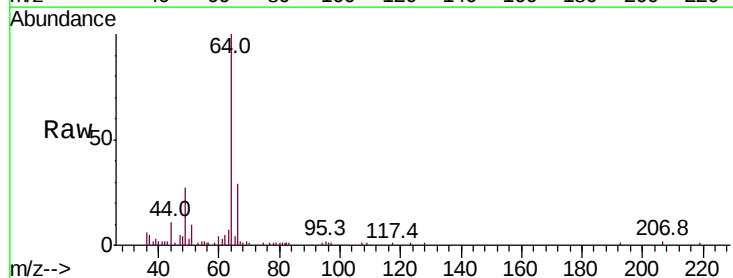
Acq: 05 Sep 2019 12:40

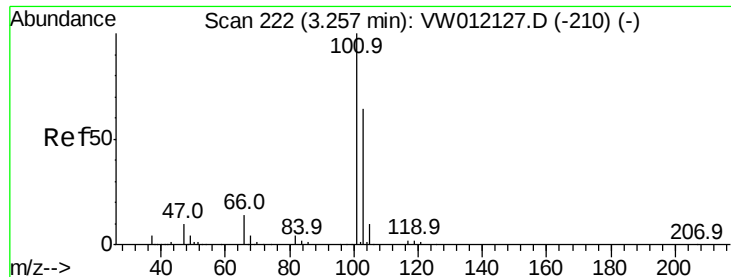
Tgt Ion: 64 Resp: 26758

Ion Ratio Lower Upper

64 100

66 28.9 23.8 35.8



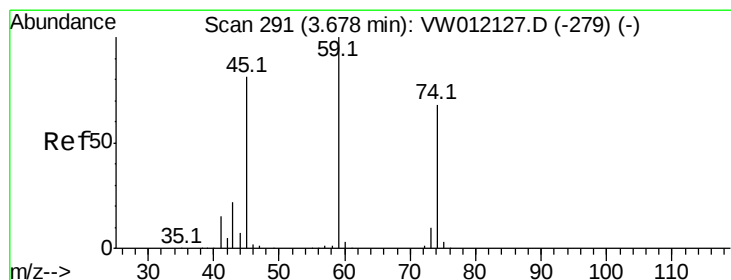
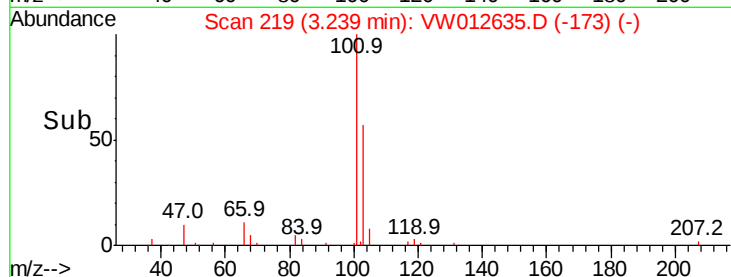
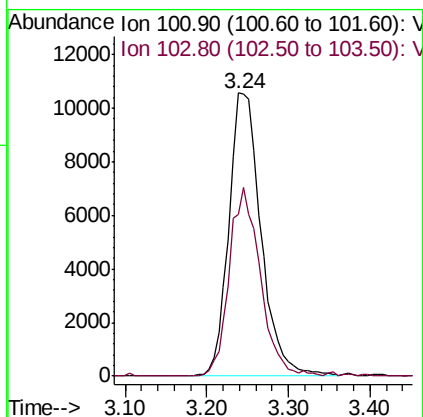
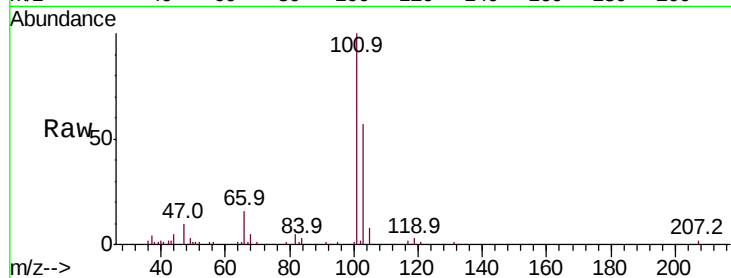


#7

Trichlorofluoromethane
 Concen: 20.724 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: VW012635.D
 Acq: 05 Sep 2019 12:40

Instrument :
 MSVOA_W
 ClientSampled :

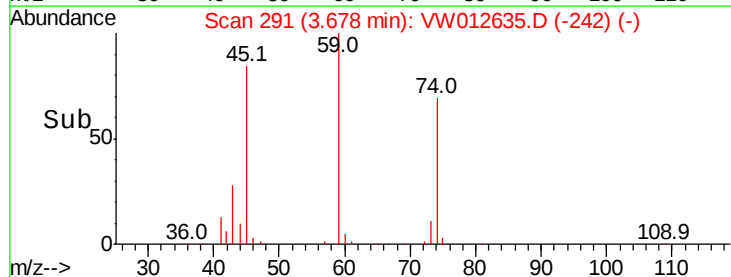
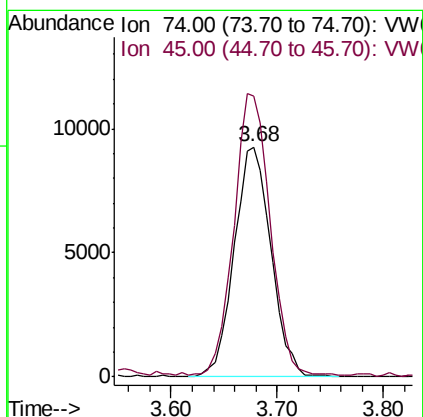
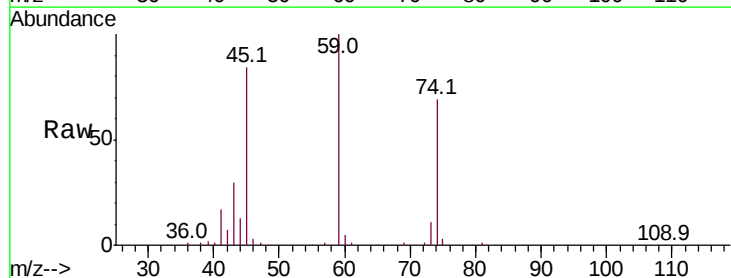
Tot Ion:101 Resp: 28839
 Ion Ratio Lower Upper
 101 100
 103 57.0 51.2 76.8

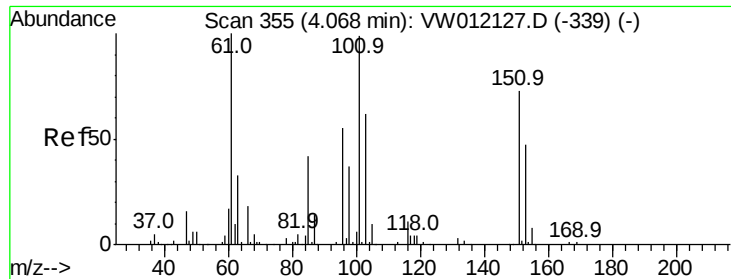


#8

Diethyl Ether
 Concen: 17.047 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012635.D
 Acq: 05 Sep 2019 12:40

Tgt Ion: 74 Resp: 22516
 Ion Ratio Lower Upper
 74 100
 45 119.9 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.751 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

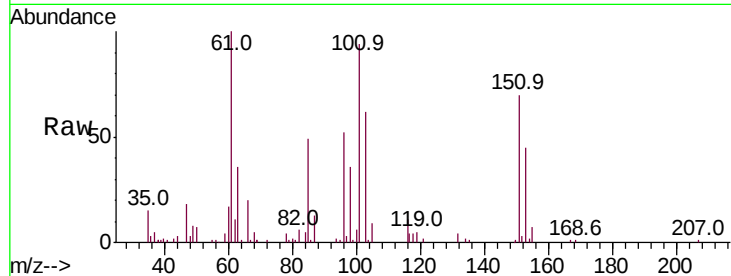
Tot Ion:101 Resp: 44353

Ion Ratio Lower Upper

101 100

85 46.8 35.8 53.6

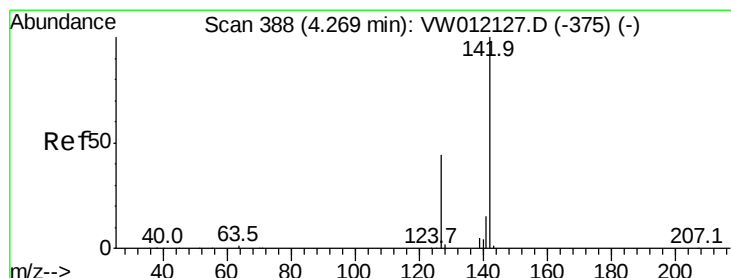
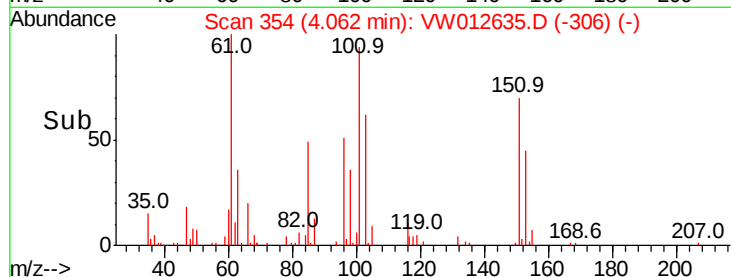
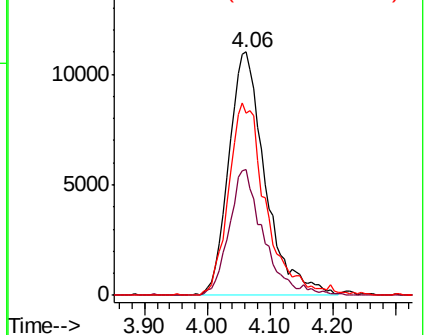
151 79.6 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.225 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

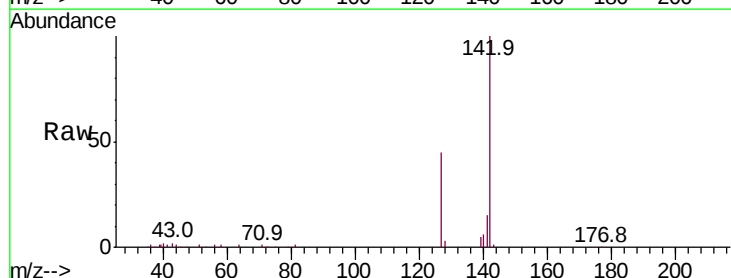
Tgt Ion:142 Resp: 58326

Ion Ratio Lower Upper

142 100

127 45.6 35.5 53.3

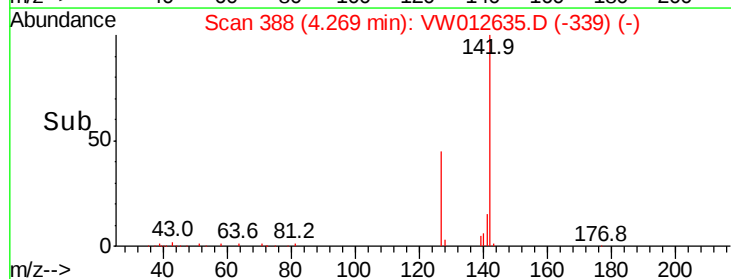
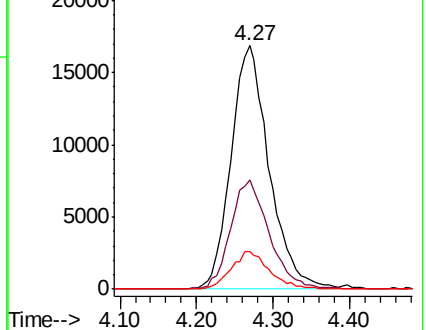
141 15.3 11.8 17.8

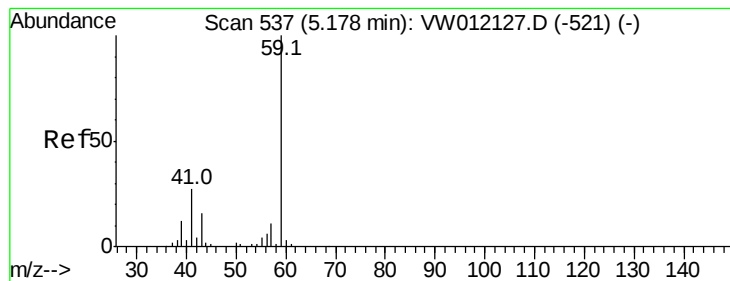


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



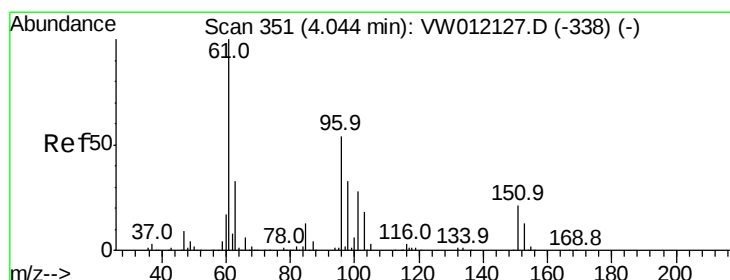
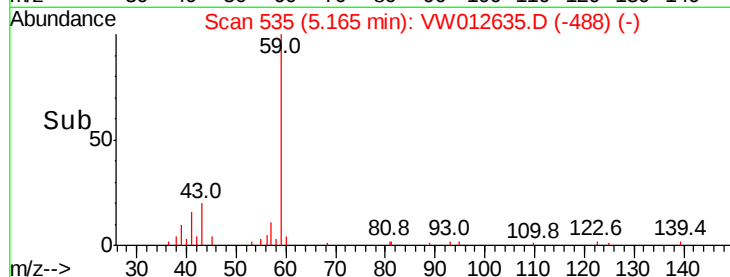
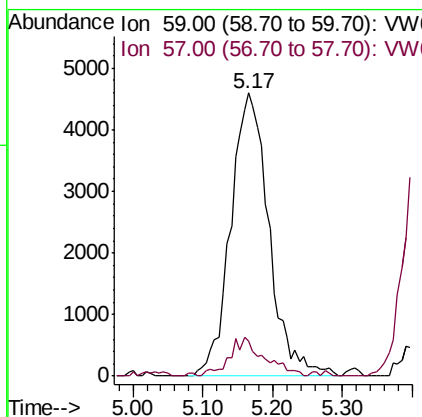
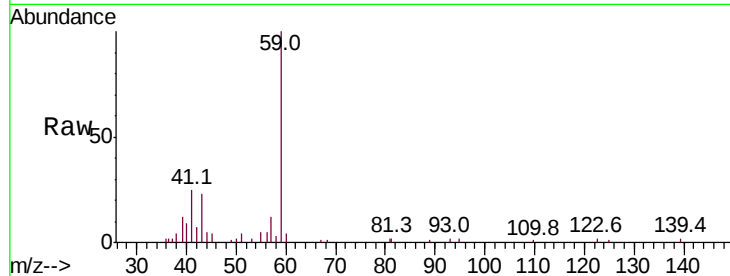


#11

Tert butyl alcohol
Concen: 102.900 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampled :

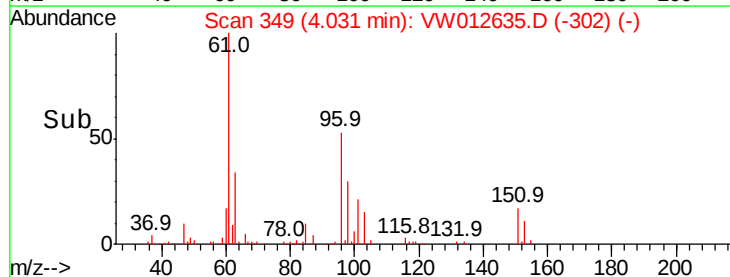
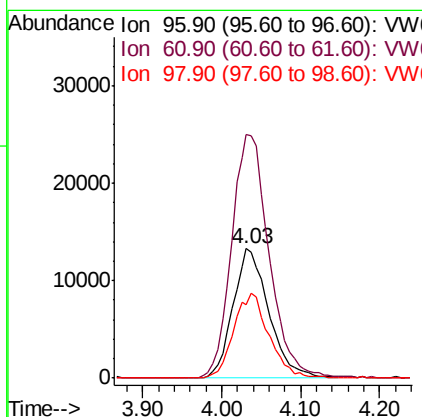
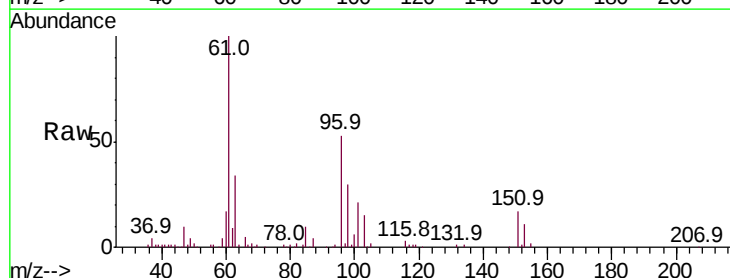
Tot Ion: 59 Resp: 17472
Ion Ratio Lower Upper
59 100
57 11.7 9.0 13.4

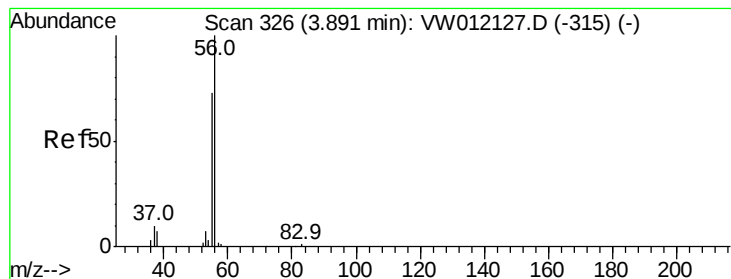


#12

1,1-Dichloroethene
Concen: 17.698 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion: 96 Resp: 42133
Ion Ratio Lower Upper
96 100
61 187.9 149.1 223.7
98 57.1 49.4 74.2





#13

Acrolein

Concen: 58.999 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

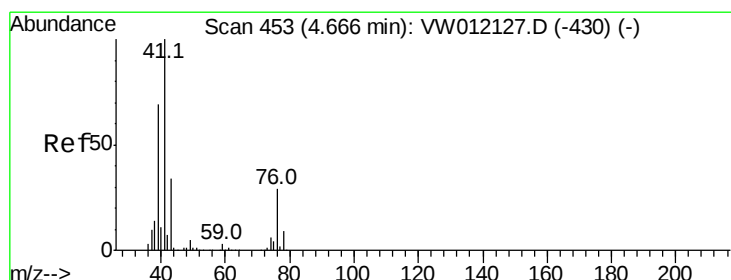
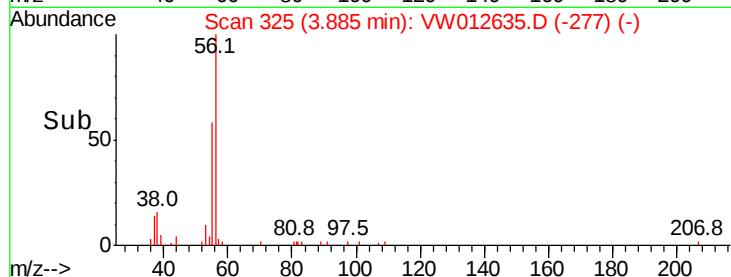
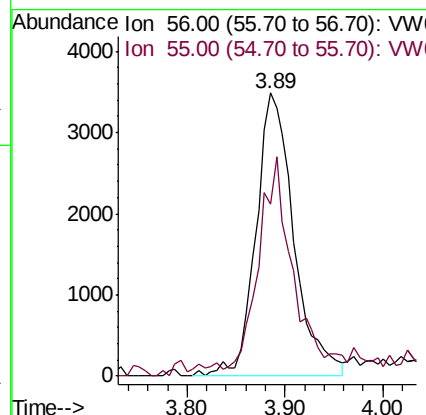
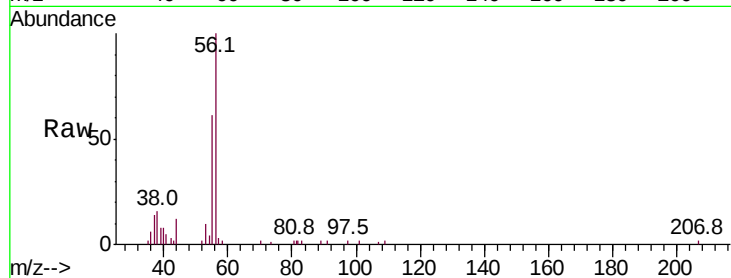
ClientSampleId :

Tot Ion: 56 Resp: 9430

Ion Ratio Lower Upper

56 100

55 66.4 55.8 83.8



#14

Allyl chloride

Concen: 17.437 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

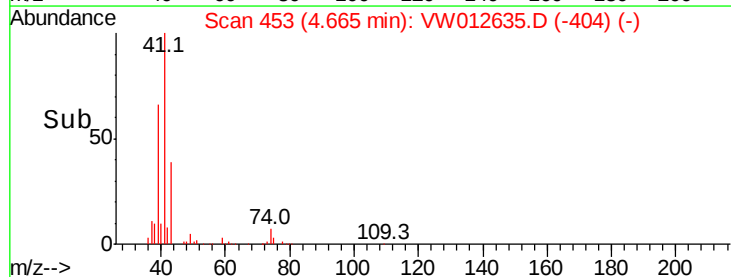
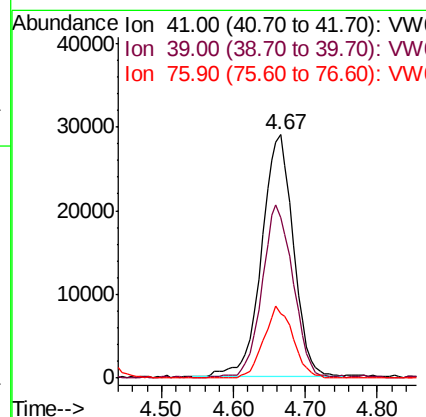
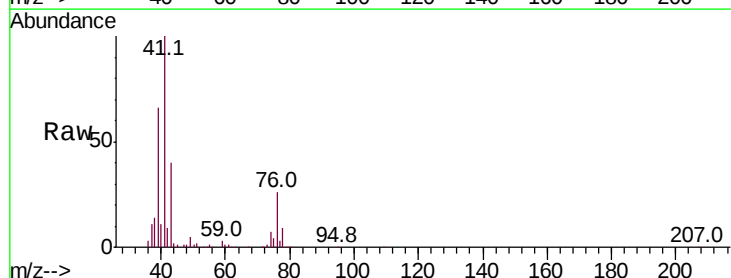
Tgt Ion: 41 Resp: 88746

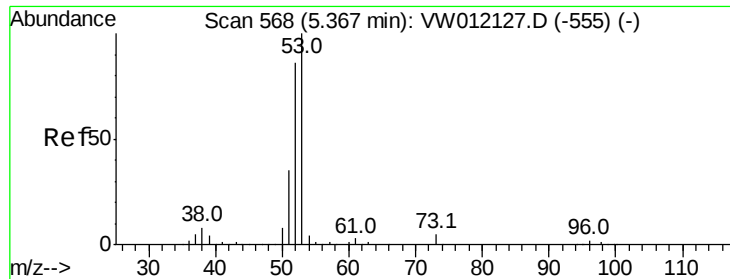
Ion Ratio Lower Upper

41 100

39 69.7 53.4 80.2

76 27.5 22.1 33.1





#15

Acrylonitrile

Concen: 97.705 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

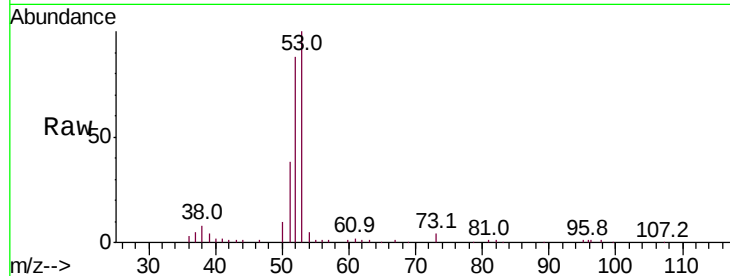
Tot Ion: 53 Resp: 63966

Ion Ratio Lower Upper

53 100

52 85.2 66.7 100.1

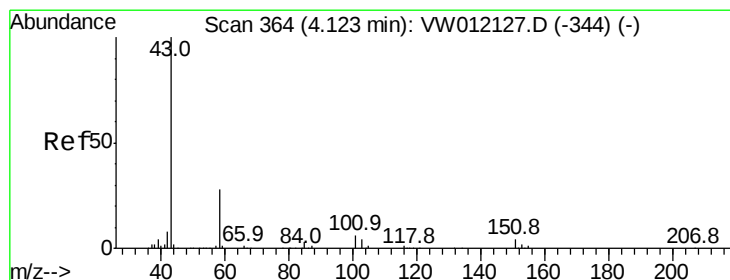
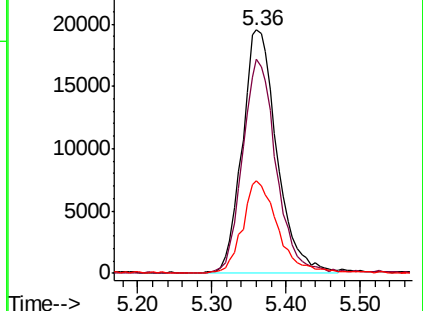
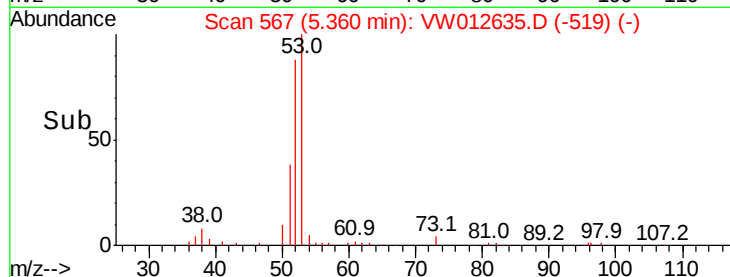
51 38.6 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 89.941 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012635.D

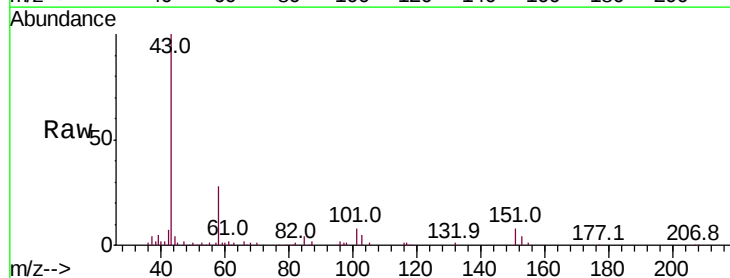
Acq: 05 Sep 2019 12:40

Tgt Ion: 43 Resp: 64868

Ion Ratio Lower Upper

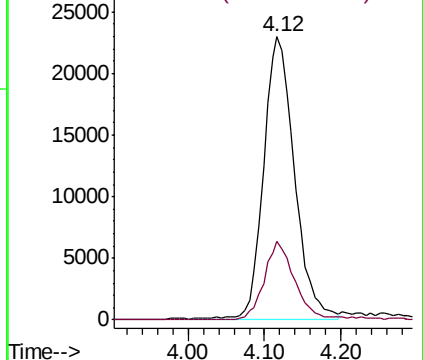
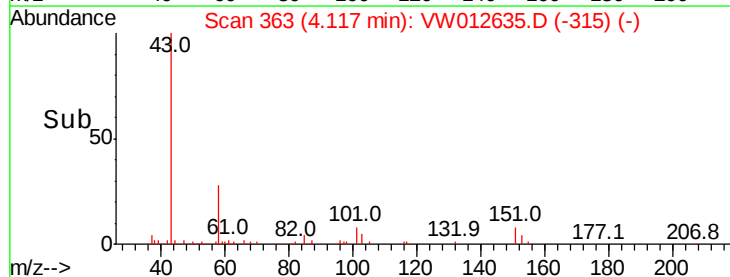
43 100

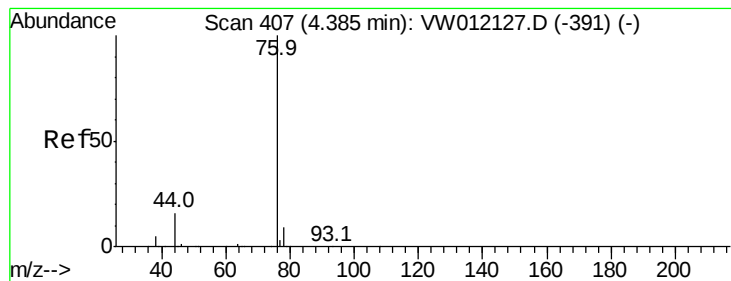
58 27.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 13.919 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

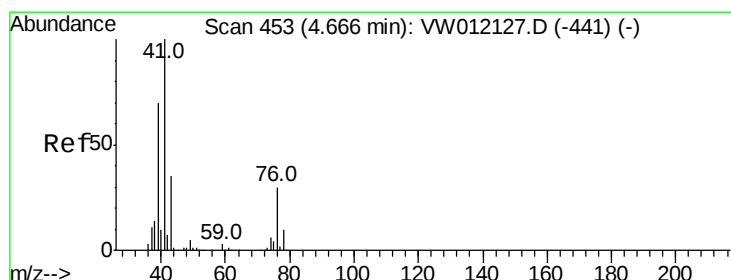
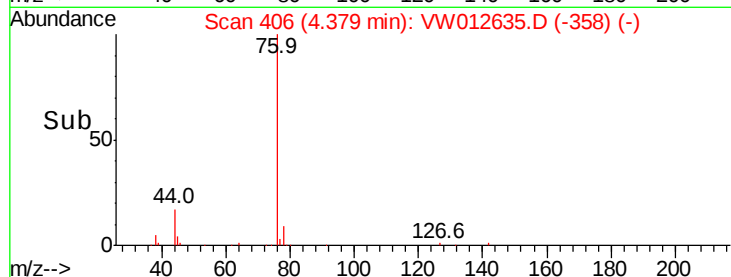
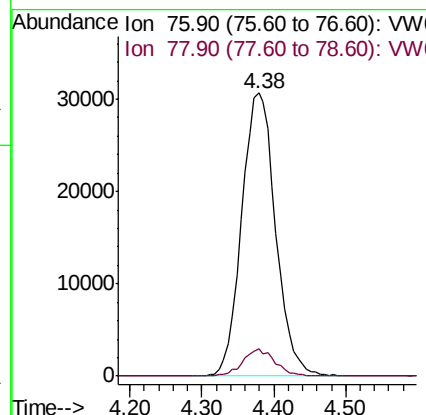
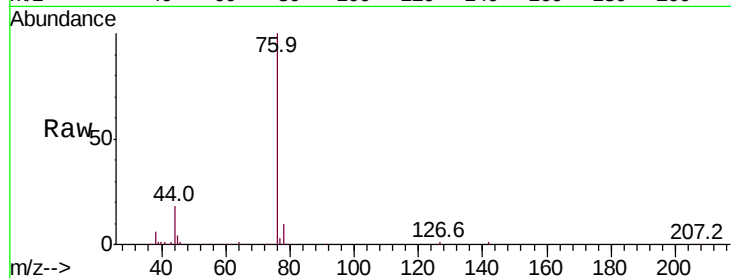
ClientSampleId :

Tot Ion: 76 Resp: 100145

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9



#18

Methyl Acetate

Concen: 19.254 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012635.D

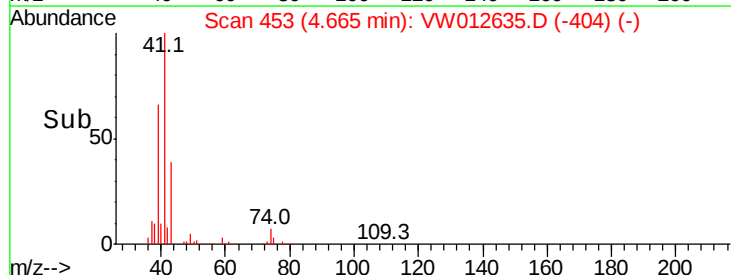
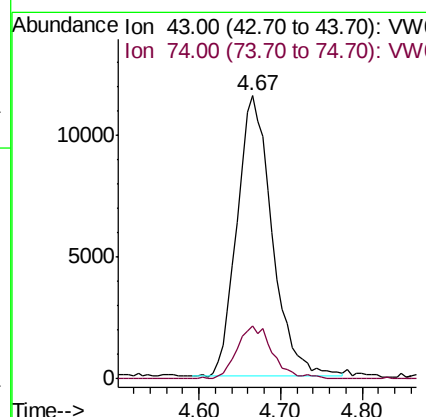
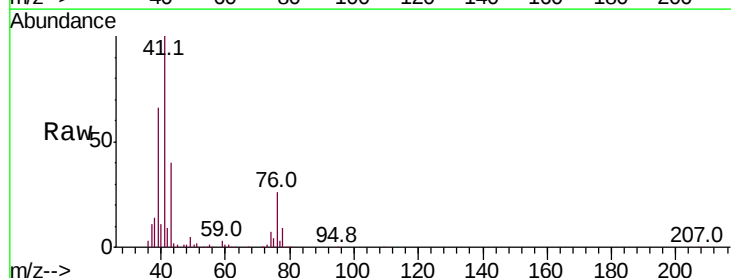
Acq: 05 Sep 2019 12:40

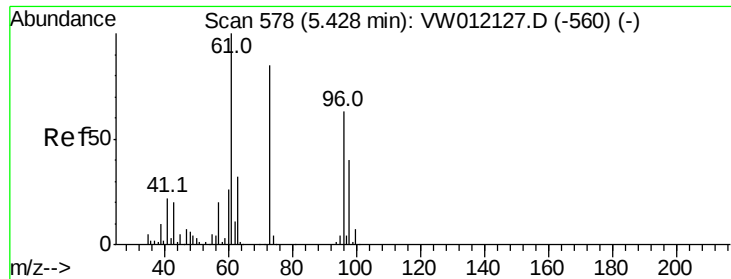
Tgt Ion: 43 Resp: 34395

Ion Ratio Lower Upper

43 100

74 18.6 15.7 23.5

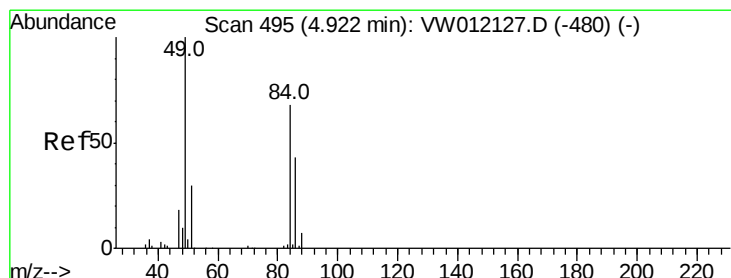
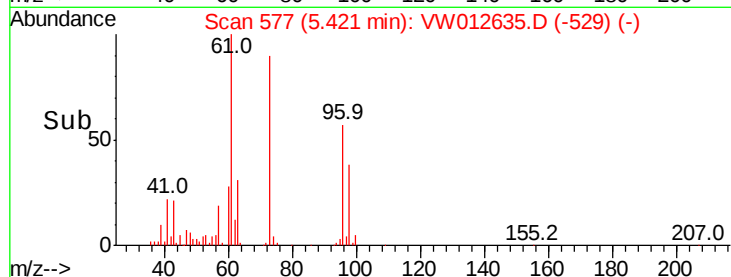
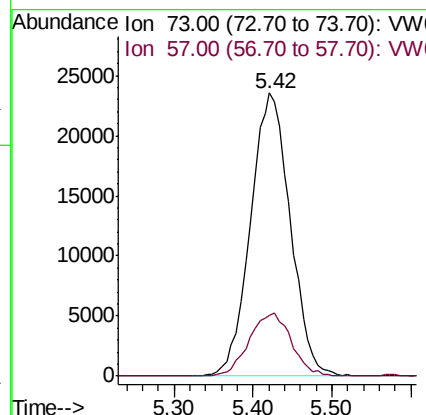
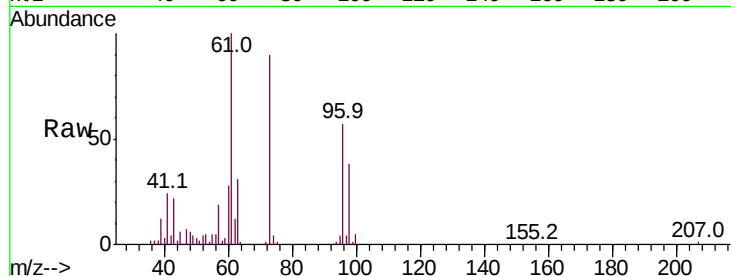




#19
Methvl tert-butvl Ether
Concen: 21.351 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

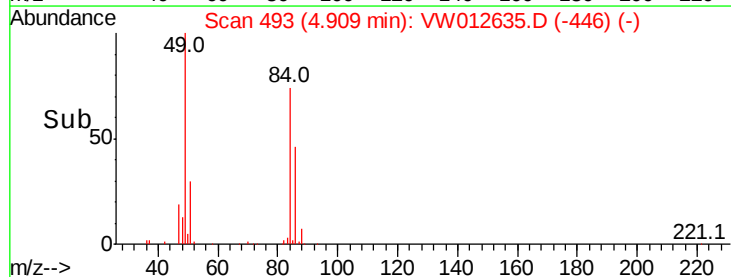
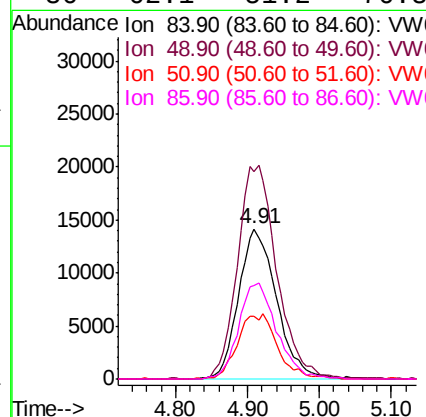
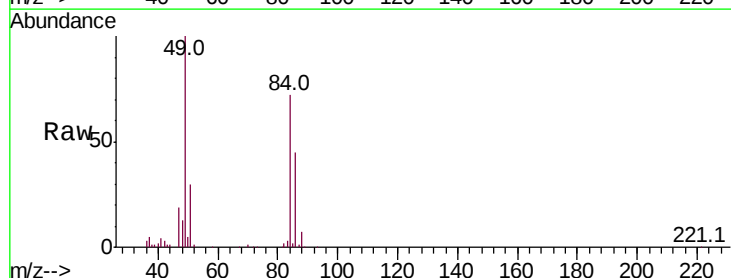
Instrument :
MSVOA_W
ClientSampled :

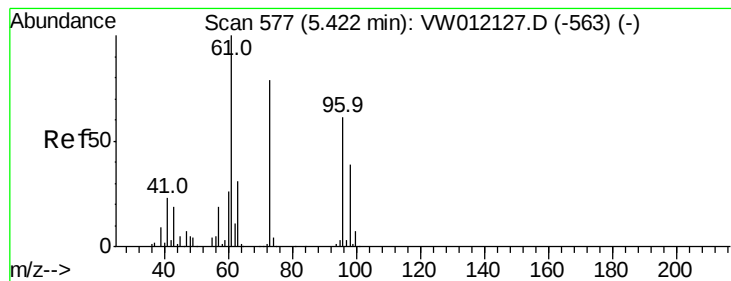
Tot Ion: 73 Resp: 82201
Ion Ratio Lower Upper
73 100
57 21.6 18.9 28.3



#20
Methylene Chloride
Concen: 19.050 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion: 84 Resp: 51942
Ion Ratio Lower Upper
84 100
49 138.2 117.8 176.8
51 41.6 35.6 53.4
86 62.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.376 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :

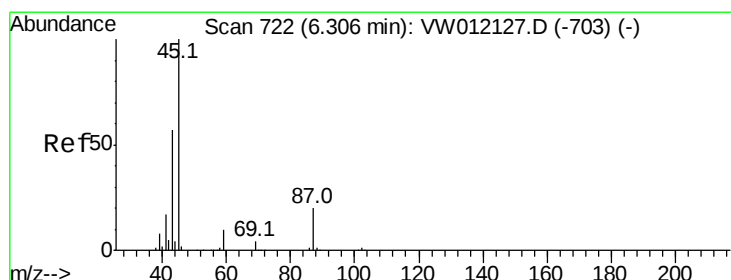
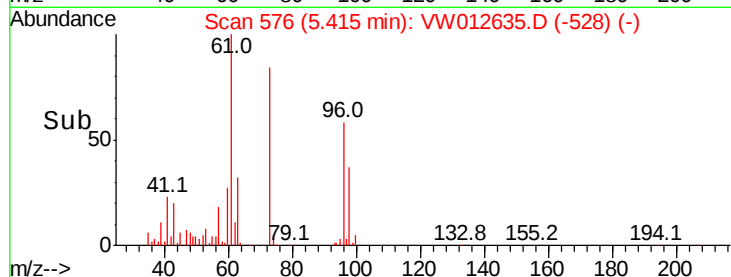
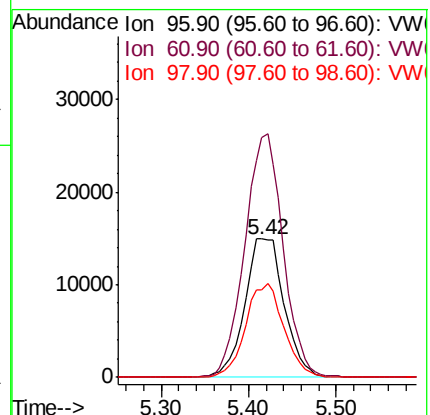
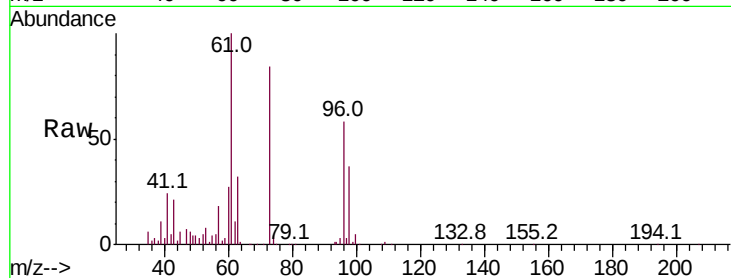
Tot Ion: 96 Resp: 46912

Ion Ratio Lower Upper

96 100

61 173.5 131.4 197.0

98 63.3 51.4 77.0



#22

Diisopropyl ether

Concen: 20.659 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Tgt Ion: 45 Resp: 194897

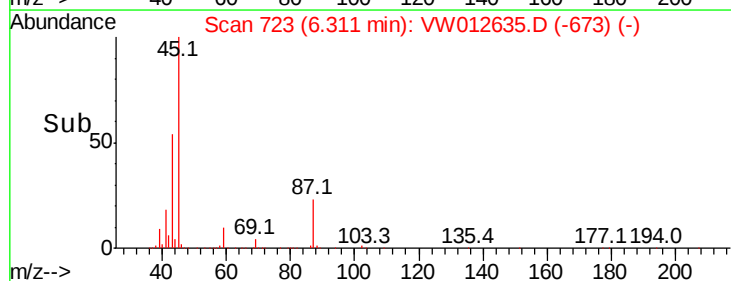
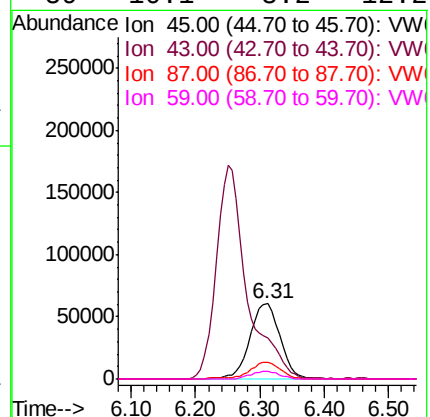
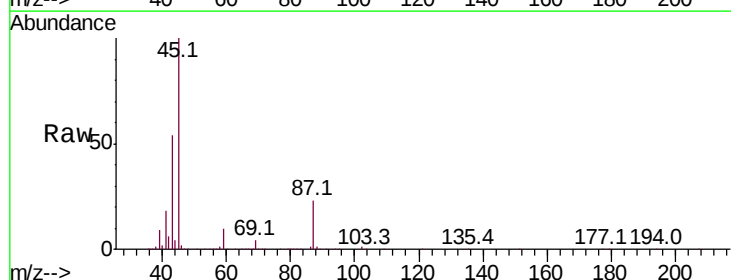
Ion Ratio Lower Upper

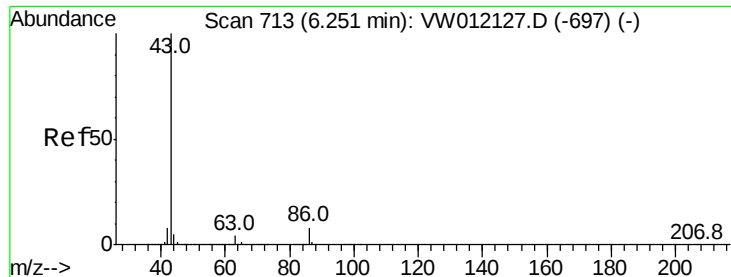
45 100

43 53.2 45.5 68.3

87 22.7 16.1 24.1

59 10.1 8.2 12.2





#23

Vinyl Acetate

Concen: 98.433 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

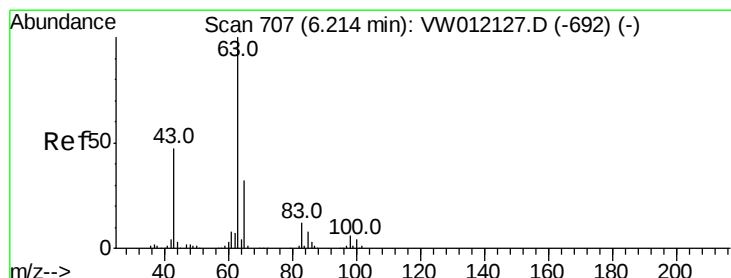
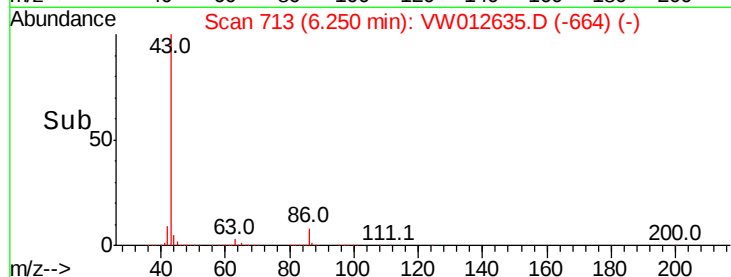
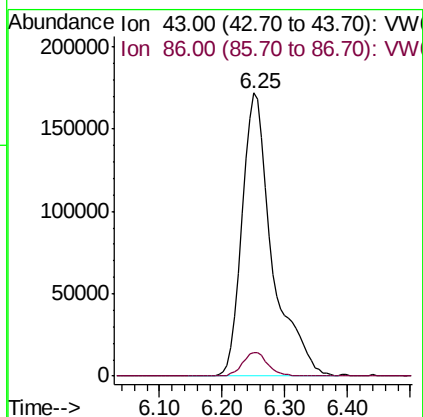
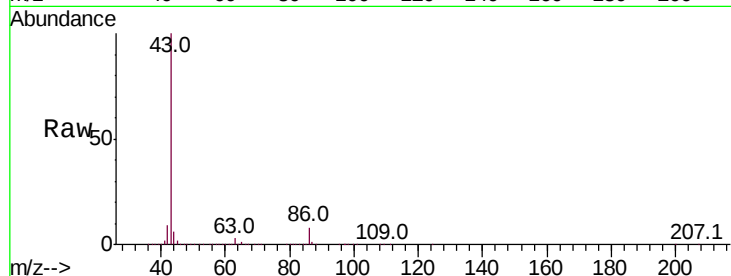
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 571488

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



#24

1,1-Dichloroethane

Concen: 20.647 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

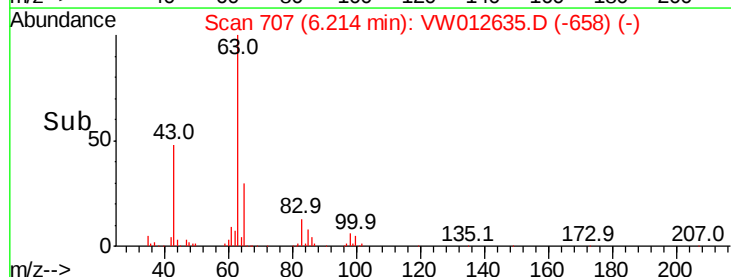
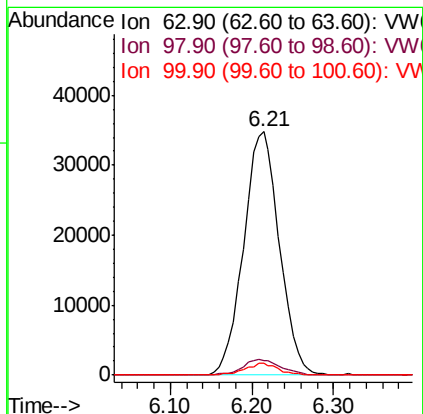
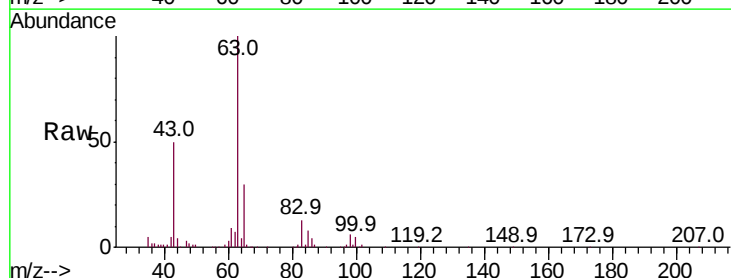
Tgt Ion: 63 Resp: 106059

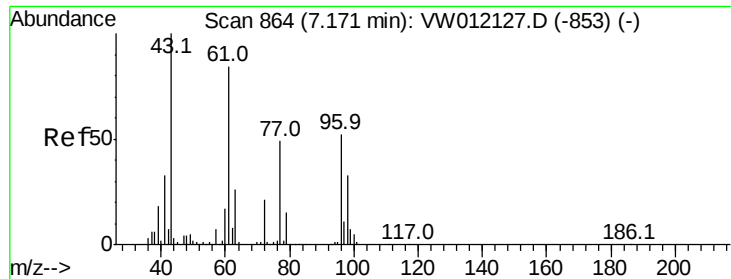
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.9 2.0 6.0





#25

2-Butanone

Concen: 100.013 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

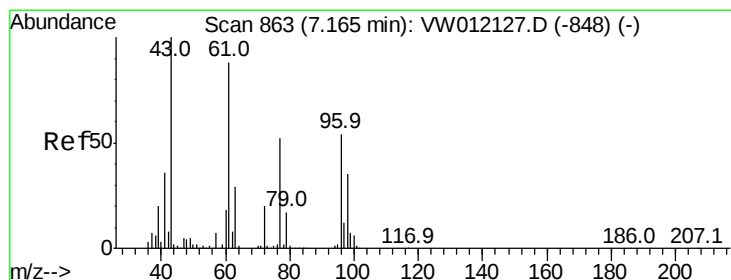
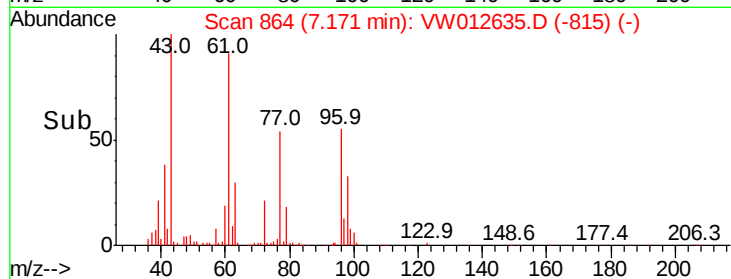
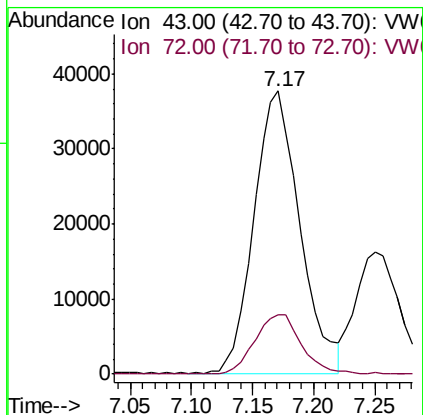
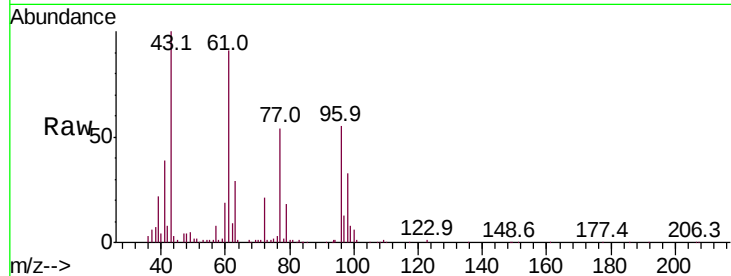
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 98020

Ion Ratio Lower Upper

43 100

72 21.0 16.6 24.8



#26

2,2-Dichloropropane

Concen: 22.684 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012635.D

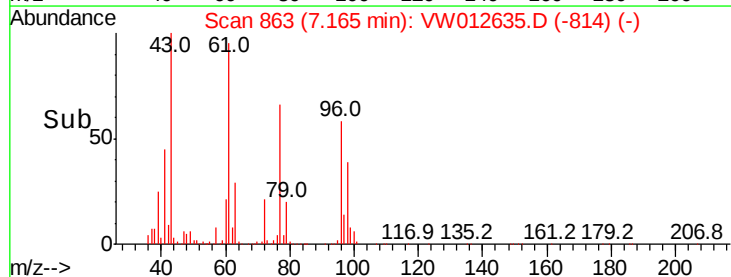
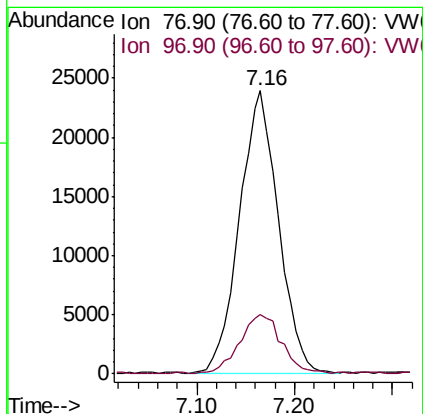
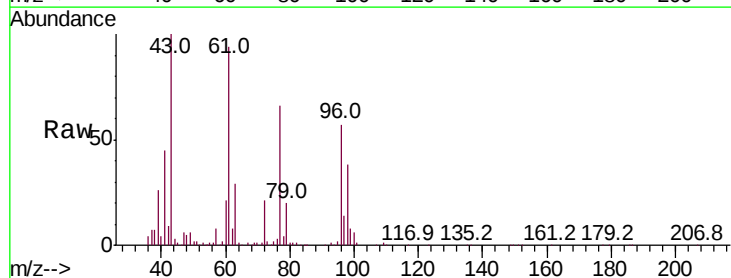
Acq: 05 Sep 2019 12:40

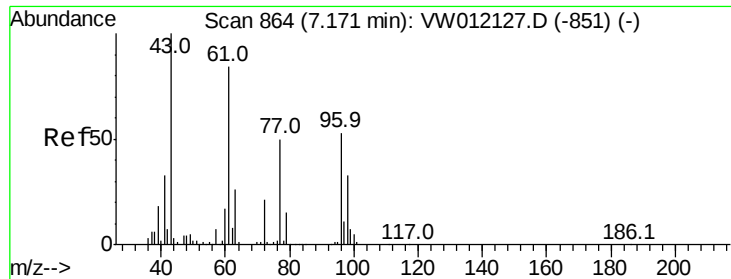
Tgt Ion: 77 Resp: 65953

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.1



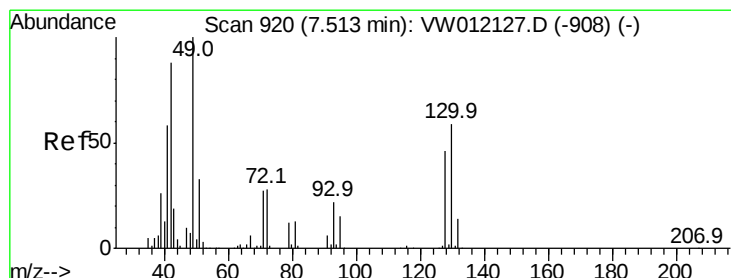
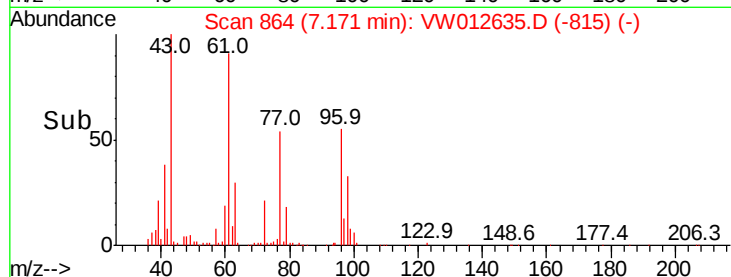
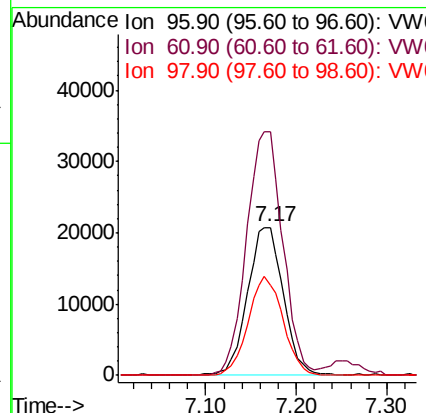
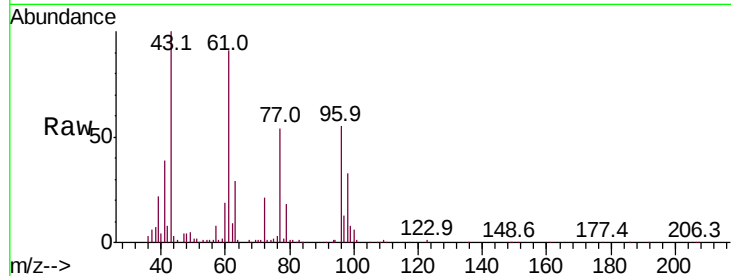


#27

cis-1,2-Dichloroethene
Concen: 20.773 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampled :

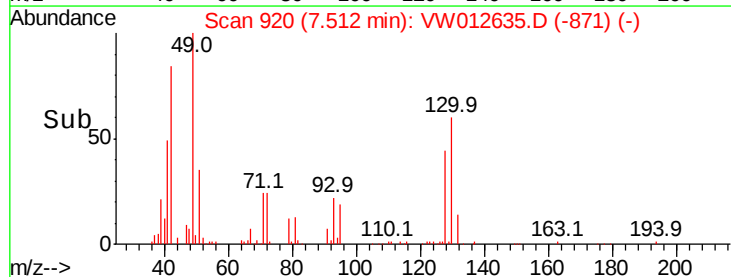
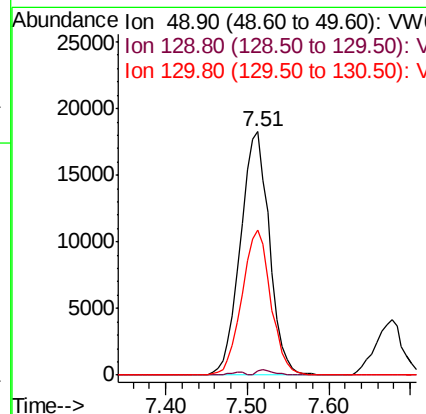
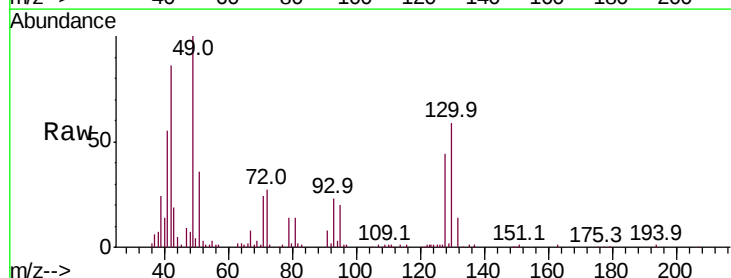
Tot Ion	Ratio	Lower	Upper
96	100		
61	166.3	0.0	326.6
98	64.9	0.0	127.4

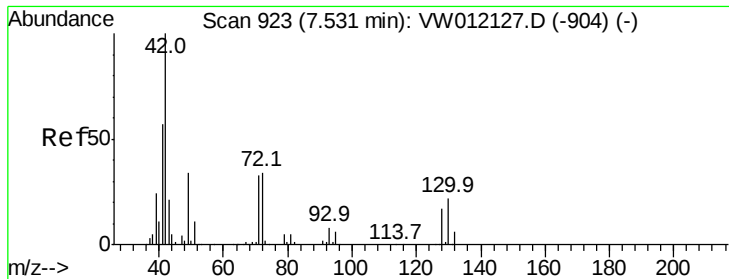


#28

Bromochloromethane
Concen: 20.020 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.4
130	59.0	45.5	68.3

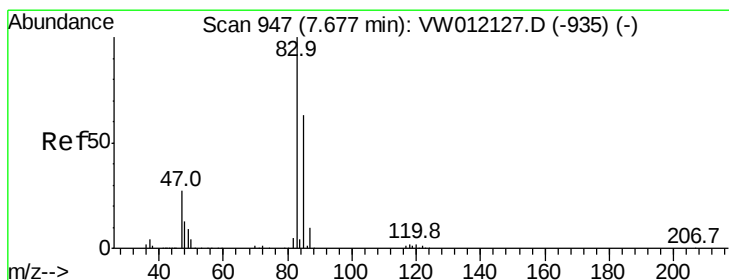
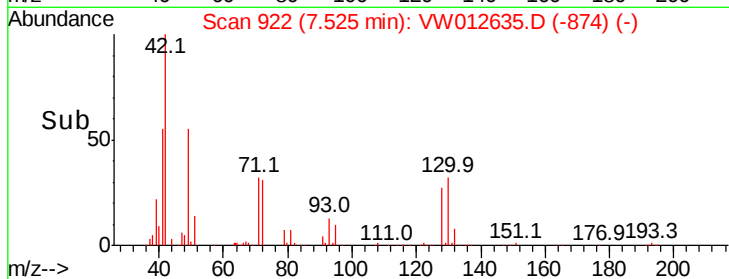
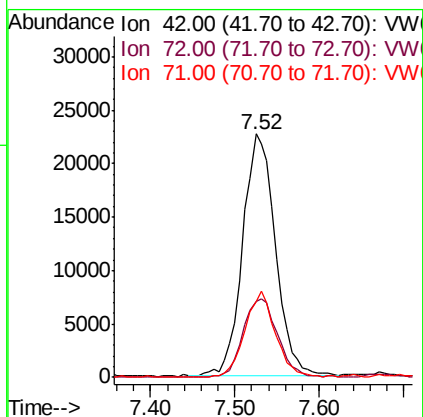
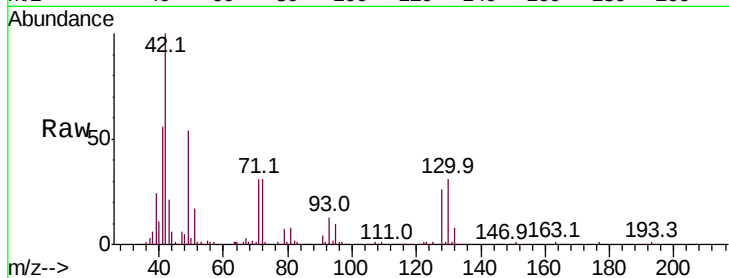




#29
Tetrahydrofuran
Concen: 101.842 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

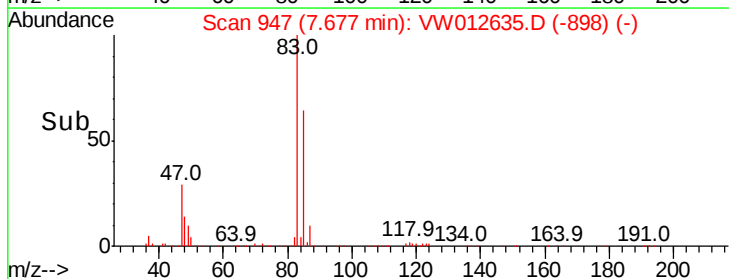
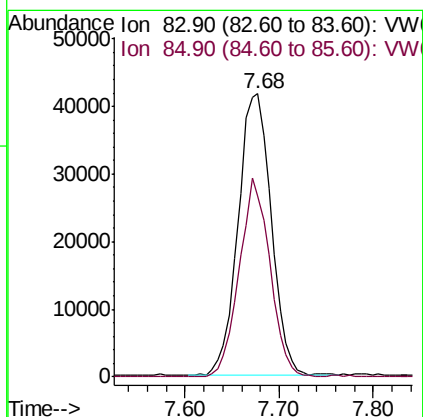
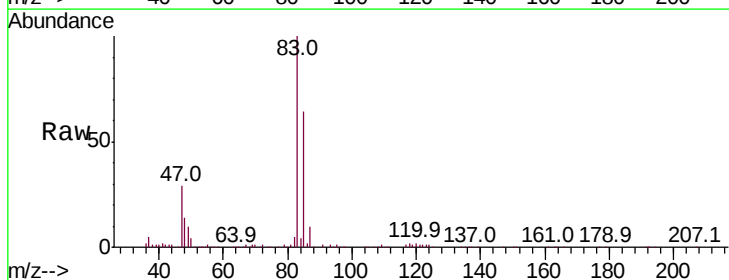
Instrument :
MSVOA_W
ClientSampled :

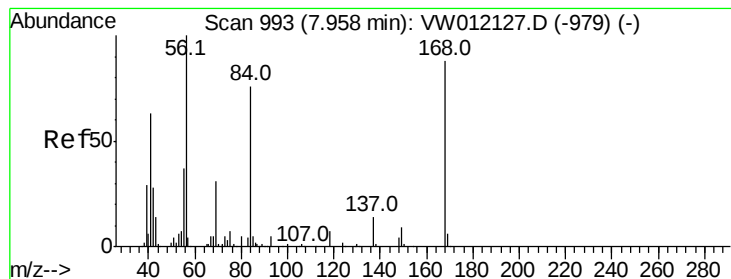
Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.3	40.9
71	33.1	25.5	38.3



#30
Chloroform
Concen: 21.974 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.6	76.0





#31

Cyclohexane

Concen: 18.481 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

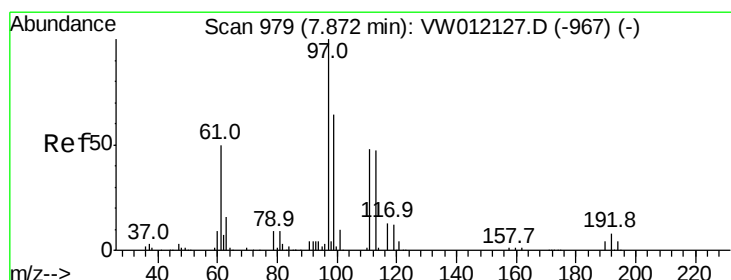
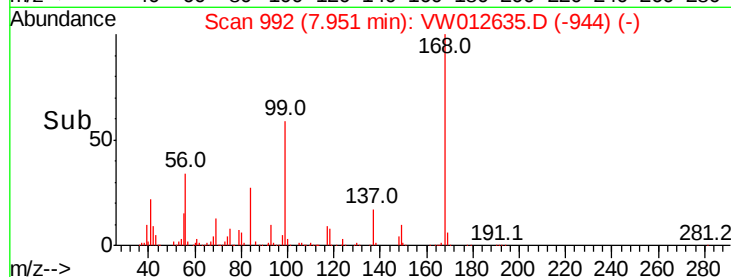
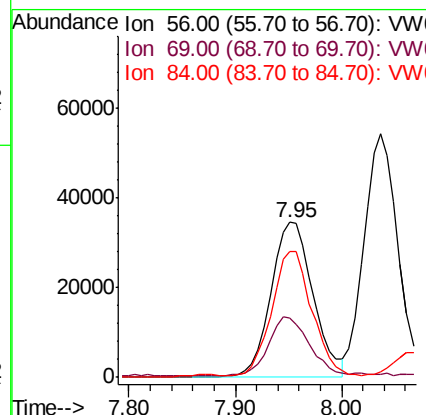
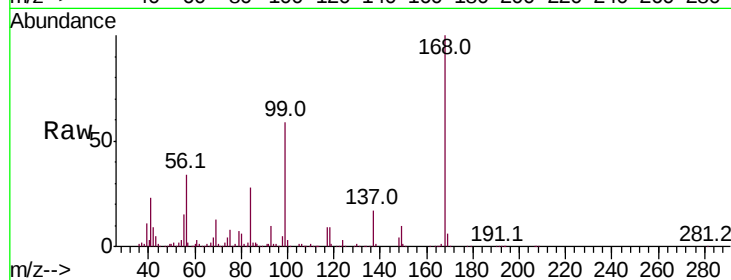
Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 93920

Ion	Ratio	Lower	Upper
56	100		
69	37.4	24.9	37.3#
84	80.4	60.6	90.8



#32

1,1,1-Trichloroethane

Concen: 23.152 ug/l

RT: 7.87 min Scan# 979

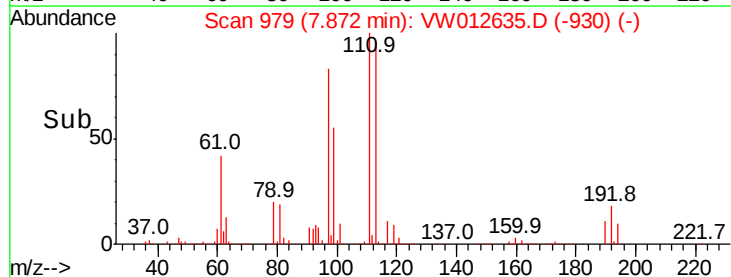
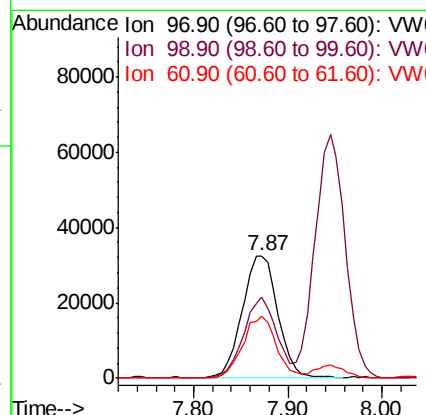
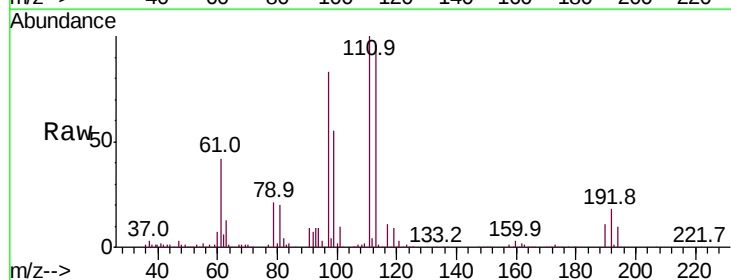
Delta R.T. -0.00 min

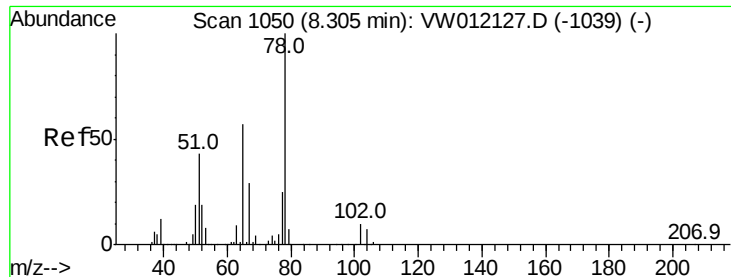
Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Tgt Ion: 97 Resp: 86074

Ion	Ratio	Lower	Upper
97	100		
99	60.8	51.4	77.0
61	47.7	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 49.468 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

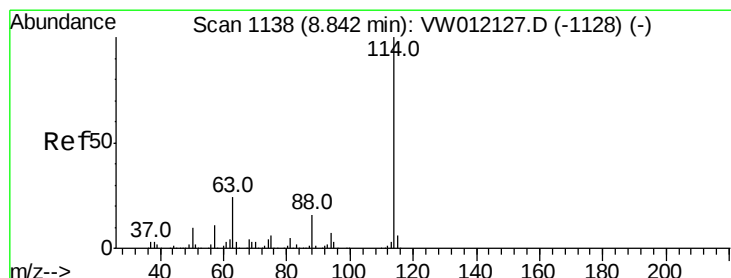
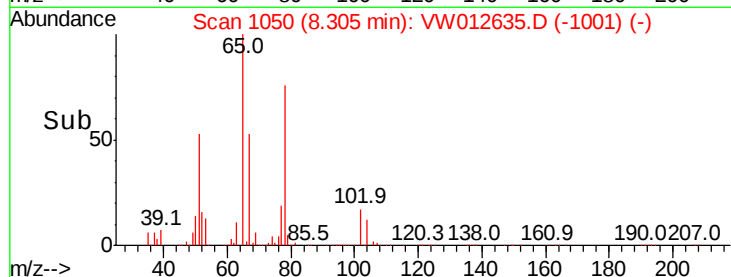
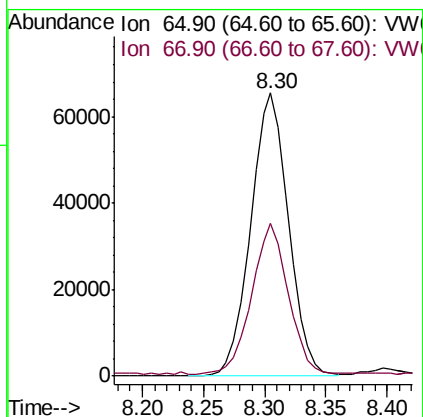
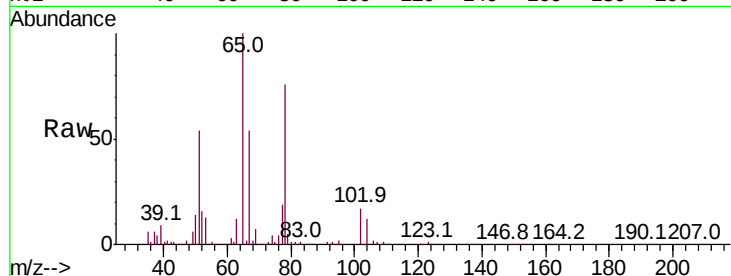
ClientSampleId :

Tot Ion: 65 Resp: 139572

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

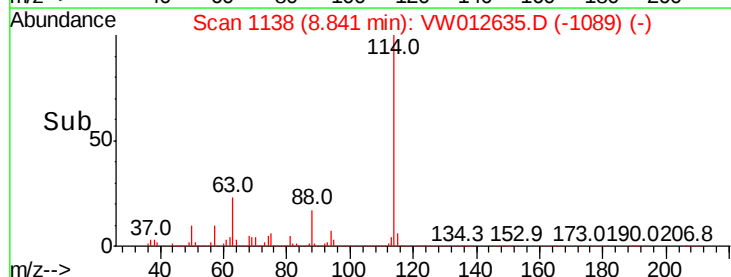
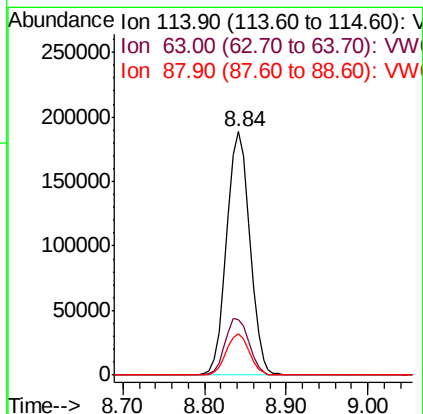
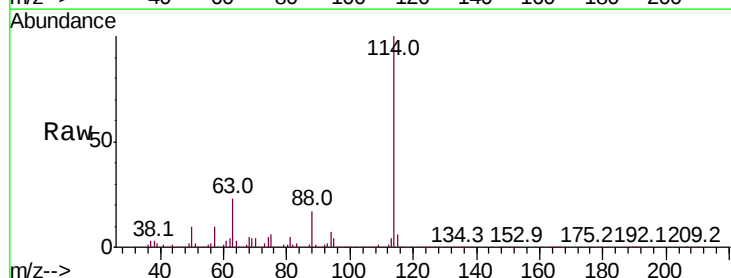
Tgt Ion: 114 Resp: 369231

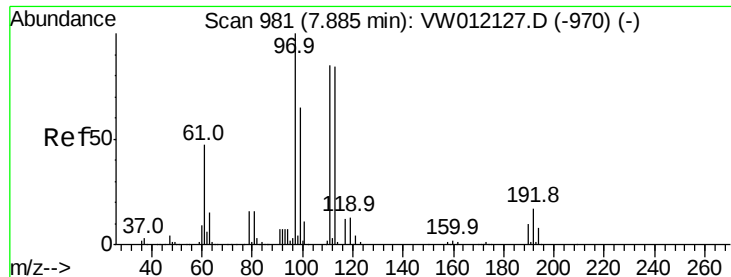
Ion Ratio Lower Upper

114 100

63 23.0 0.0 48.6

88 17.0 0.0 32.2

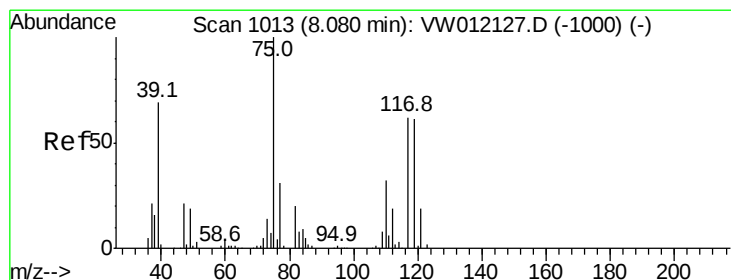
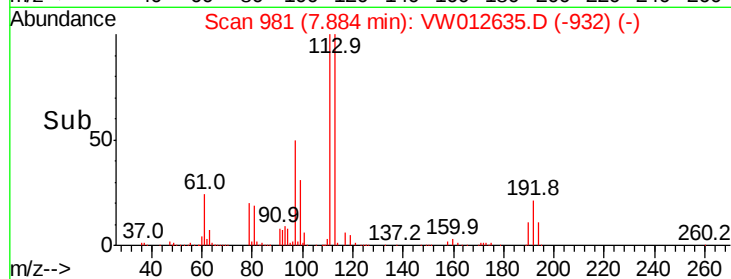
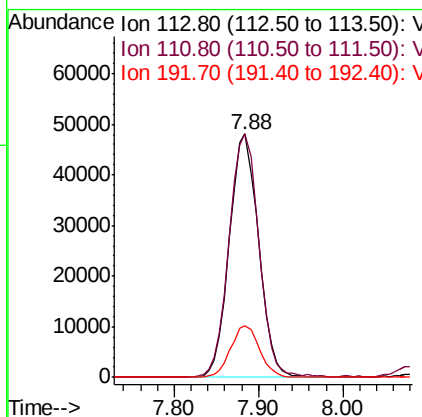
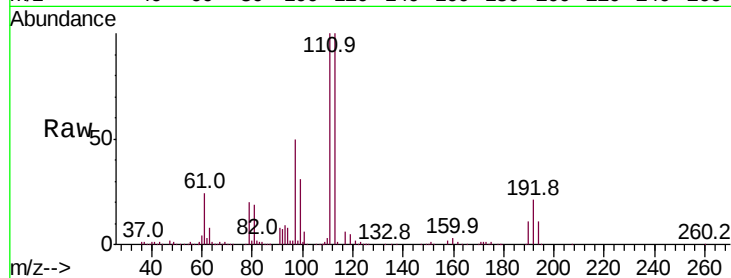




#35
 Dibromofluoromethane
 Concen: 51.143 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012635.D
 Acq: 05 Sep 2019 12:40

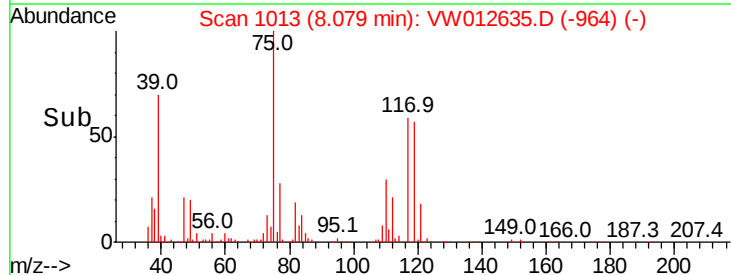
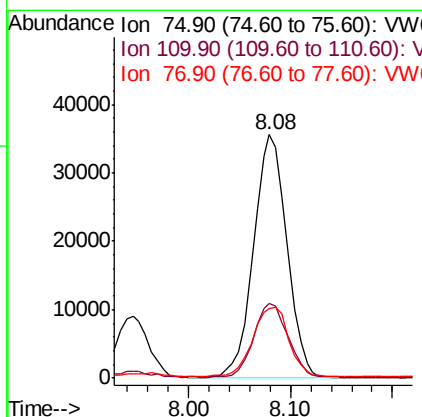
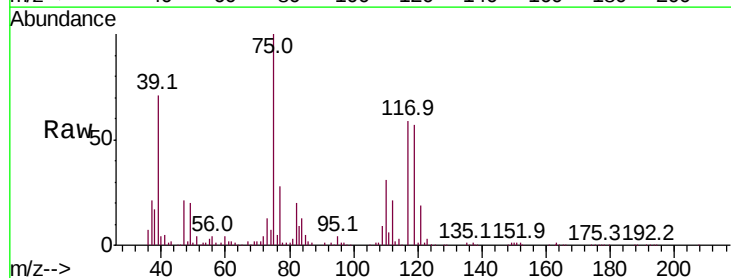
Instrument :
 MSVOA_W
 ClientSampleId :

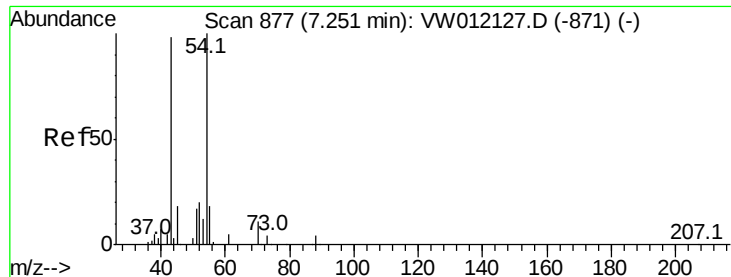
Tot Ion:113 Resp: 112716
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.7 124.1
 192 21.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 21.257 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012635.D
 Acq: 05 Sep 2019 12:40

Tgt Ion: 75 Resp: 81106
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.6 46.8
 77 31.1 24.6 36.8

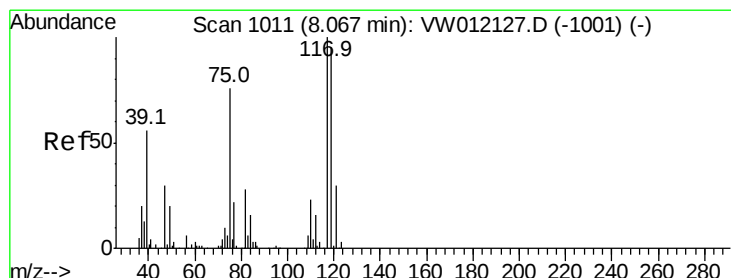
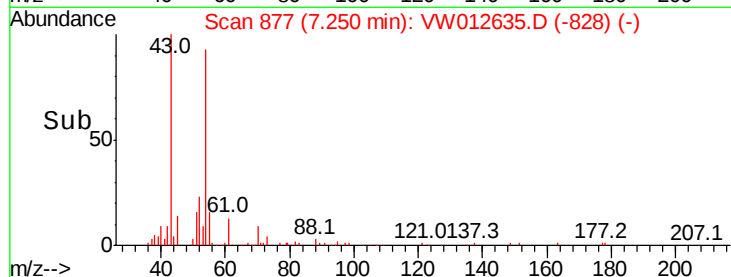
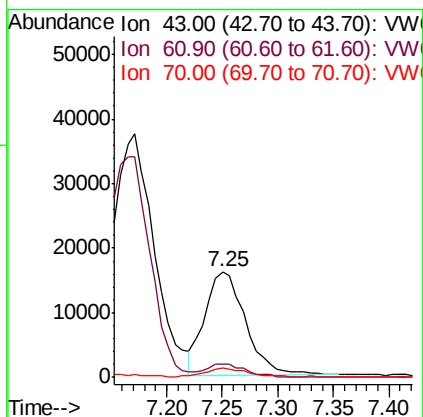
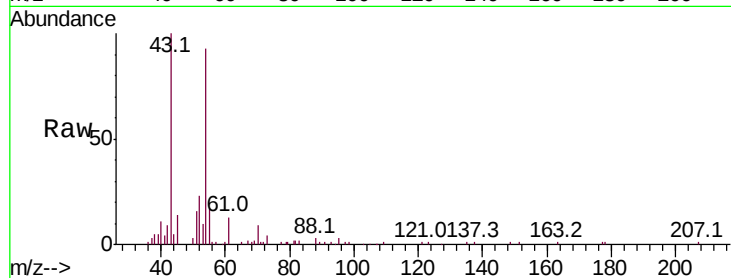




#37
Ethyl Acetate
Concen: 19.512 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

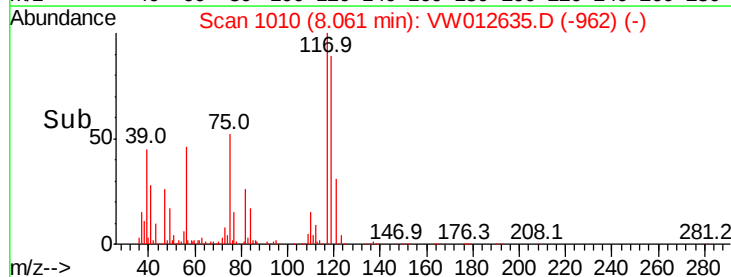
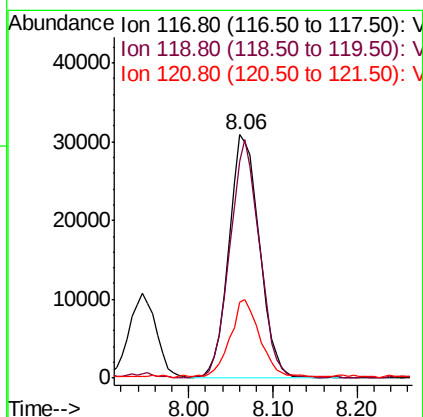
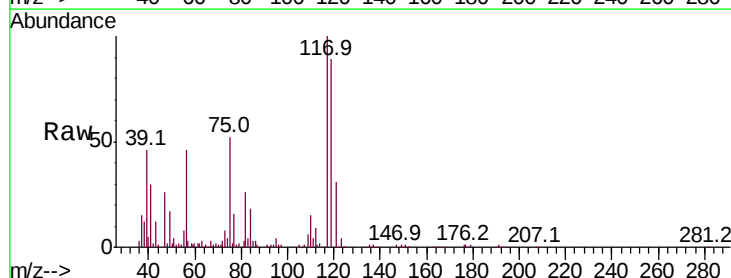
Instrument :
MSVOA_W
ClientSampleId :

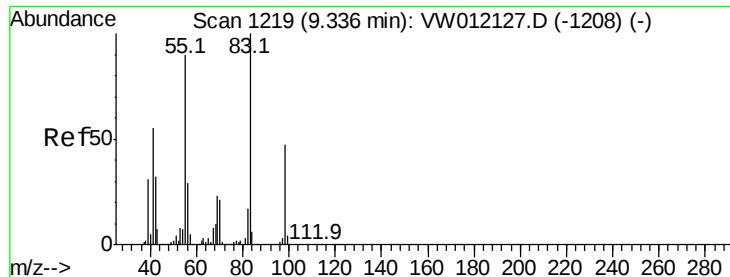
Tot Ion: 43 Resp: 40797
Ion Ratio Lower Upper
43 100
61 13.6 9.2 13.8
70 8.1 6.9 10.3



#38
Carbon Tetrachloride
Concen: 23.004 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion: 117 Resp: 75969
Ion Ratio Lower Upper
117 100
119 88.8 76.2 114.2
121 30.7 23.8 35.8

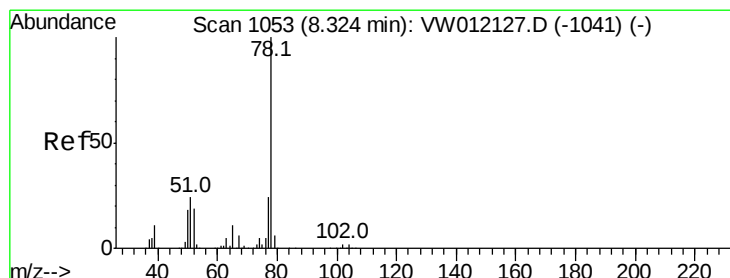
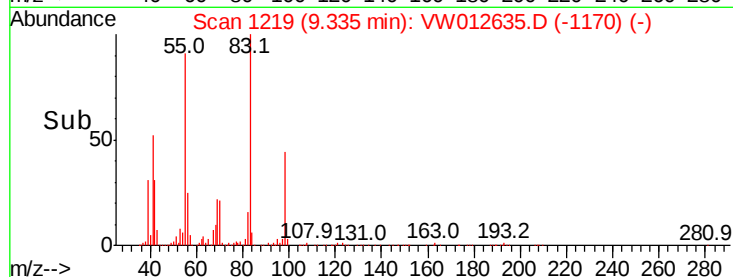
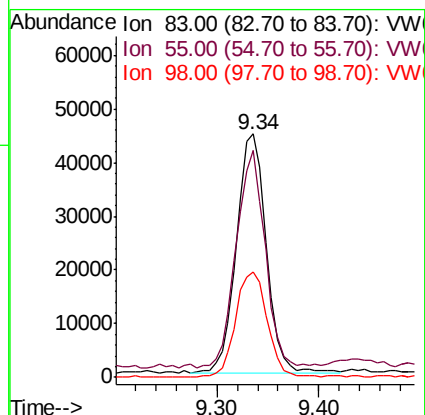
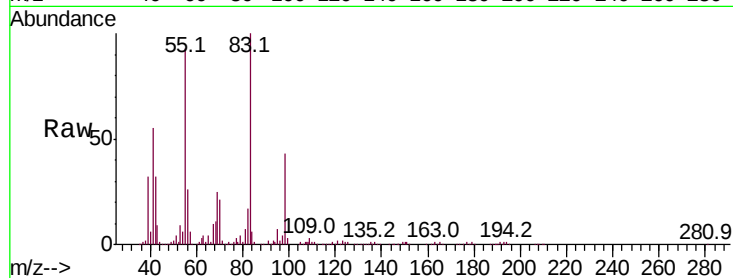




#39
Methylcyclohexane
Concen: 20.907 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

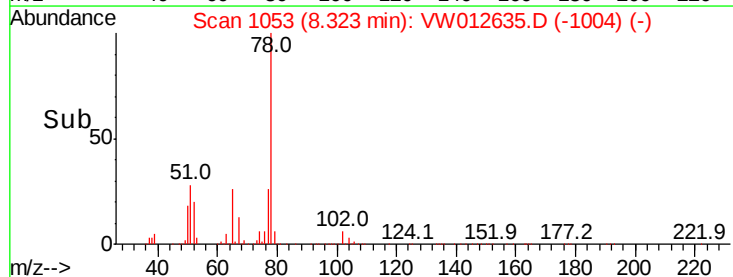
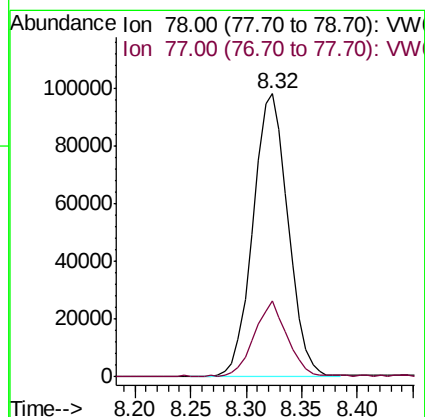
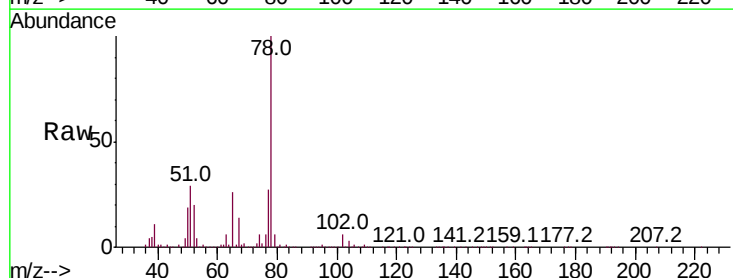
Instrument :
MSVOA_W
ClientSampled :

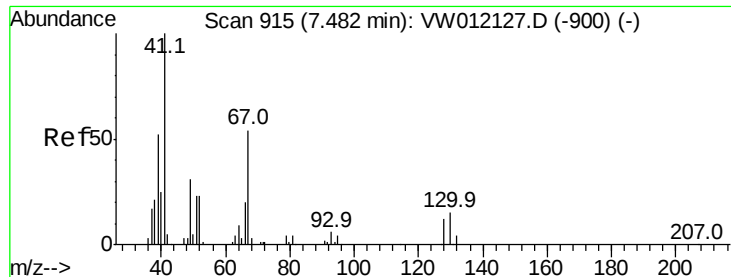
Tot Ion	83	Resp	89619
Ion	Ratio	Lower	Upper
83	100		
55	89.7	71.8	107.8
98	43.7	37.8	56.8



#40
Benzene
Concen: 20.740 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion	78	Resp	216079
Ion	Ratio	Lower	Upper
78	100		
77	26.7	19.5	29.3

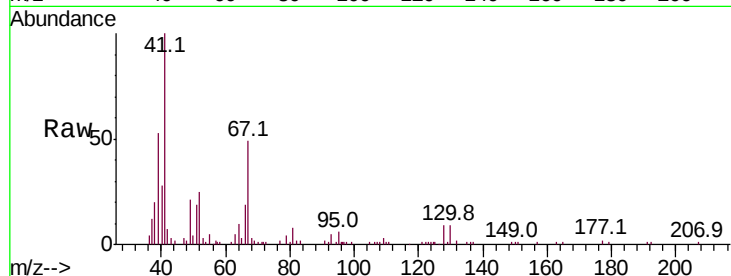




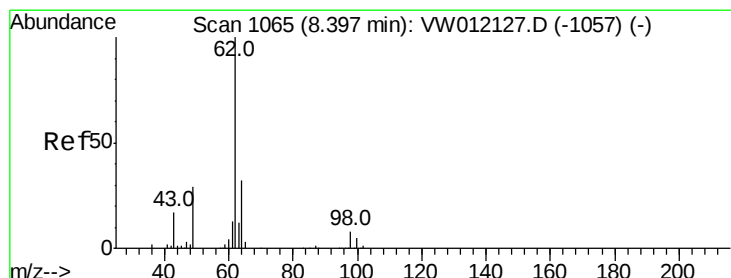
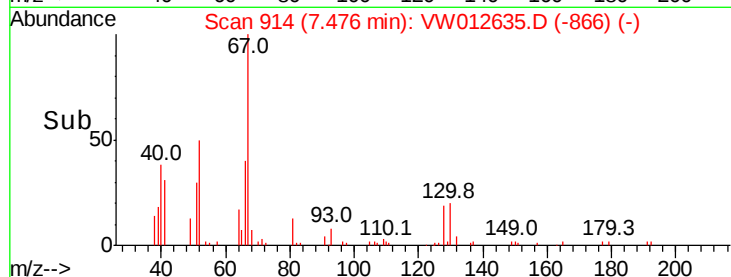
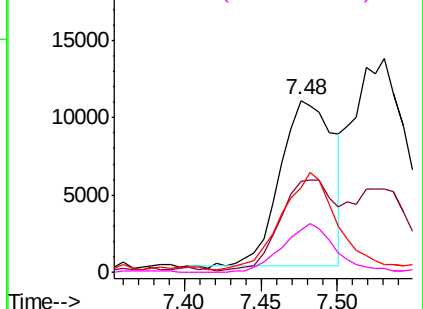
#41
Methacrylonitrile
Concen: 21.252 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	26116
Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.8	68.8
67	60.9	46.2	69.4
52	28.9	21.0	31.6

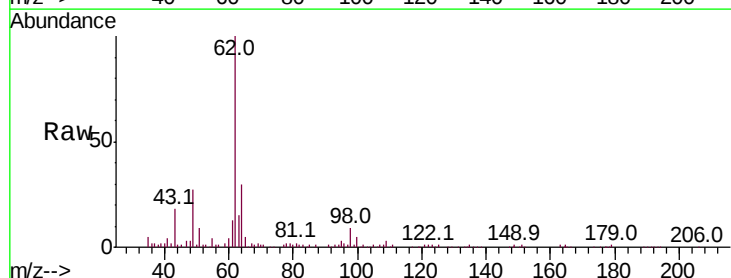


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

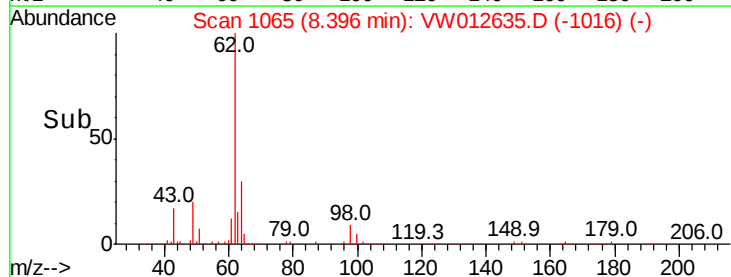
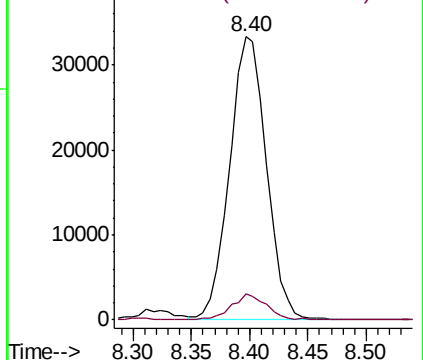


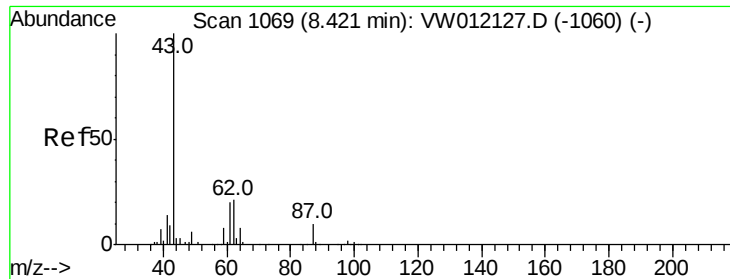
#42
1,2-Dichloroethane
Concen: 22.488 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion:	62	Resp:	73430
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 21.165 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

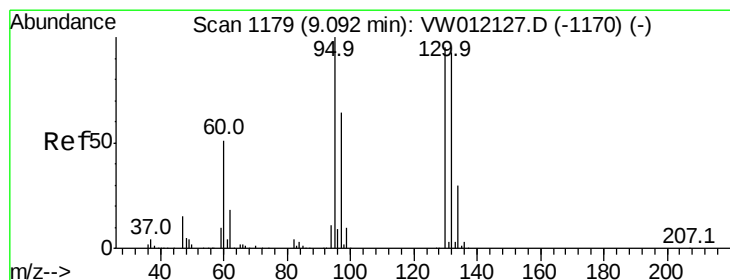
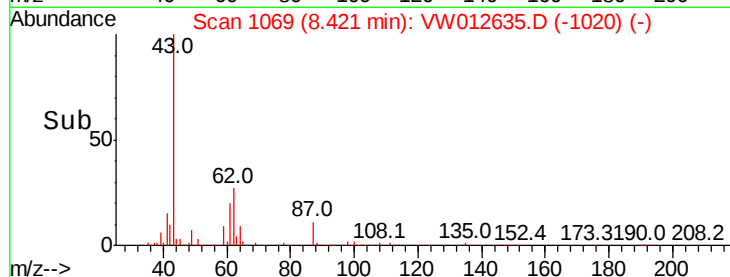
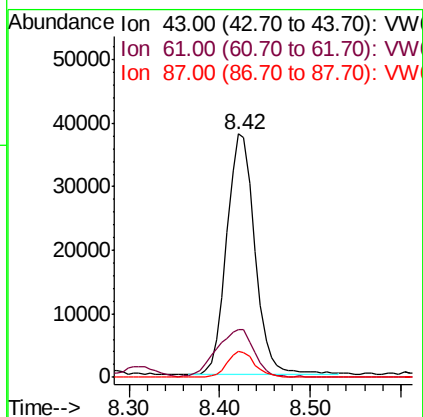
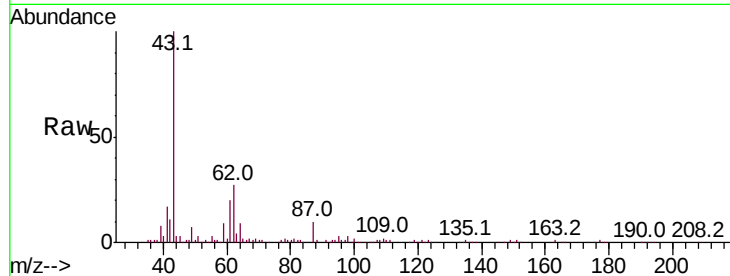
Tot Ion: 43 Resp: 81972

Ion Ratio Lower Upper

43 100

61 26.1 21.1 31.7

87 10.6 8.2 12.2



#44

Trichloroethene

Concen: 21.900 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012635.D

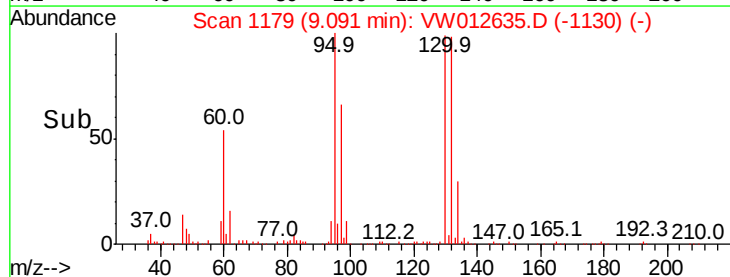
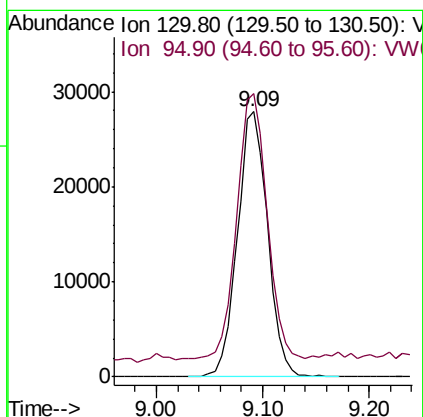
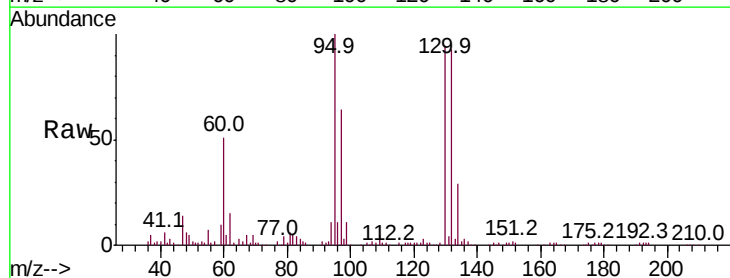
Acq: 05 Sep 2019 12:40

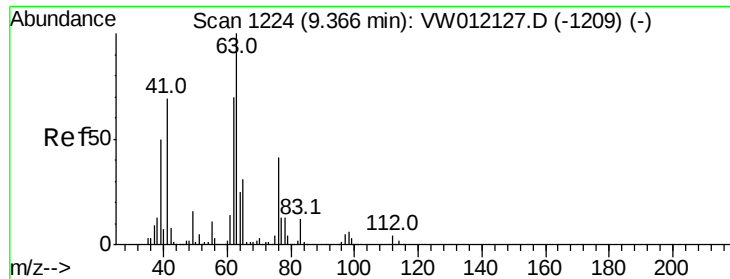
Tgt Ion: 130 Resp: 55468

Ion Ratio Lower Upper

130 100

95 99.8 0.0 210.6





#45

1,2-Dichloropropane

Concen: 20.699 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

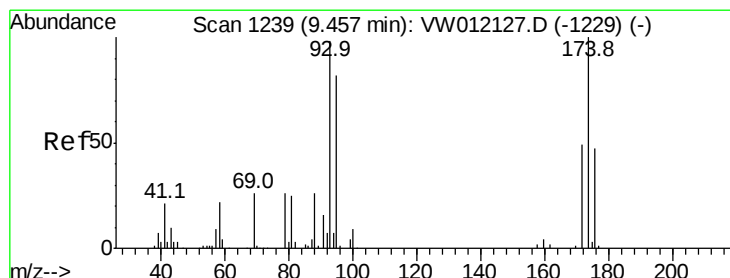
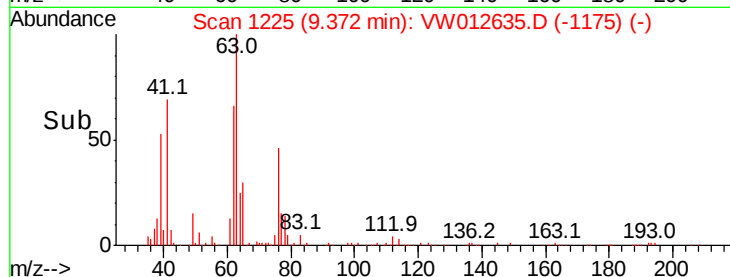
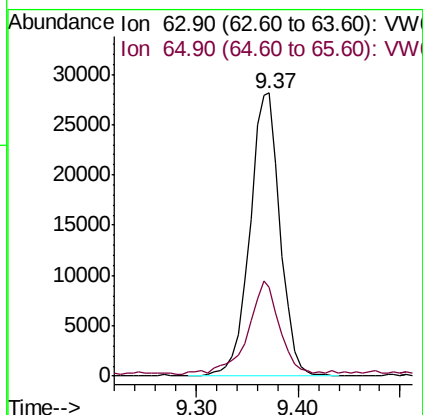
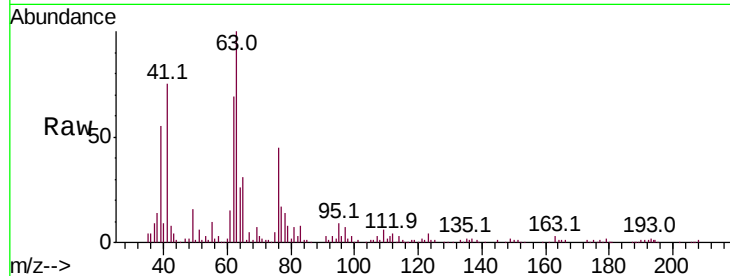
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 58041

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



#46

Dibromomethane

Concen: 21.998 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

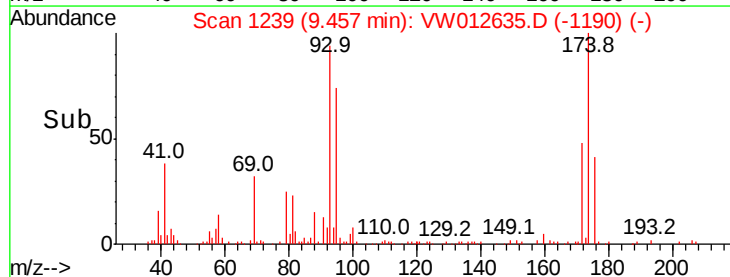
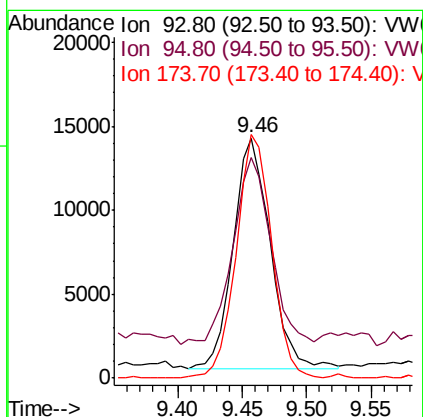
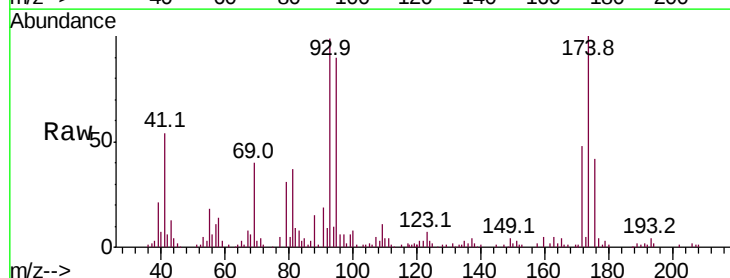
Tgt Ion: 93 Resp: 27444

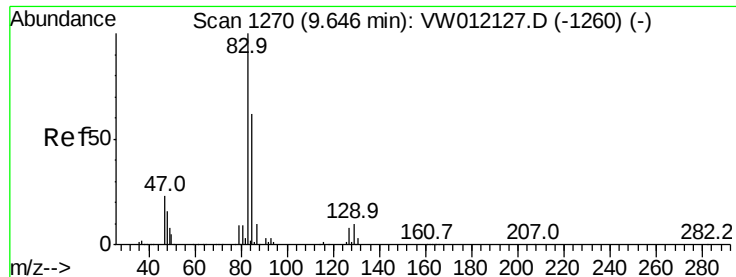
Ion Ratio Lower Upper

93 100

95 78.8 67.2 100.8

174 100.7 79.0 118.6





#47

Bromodichloromethane

Concen: 22.235 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

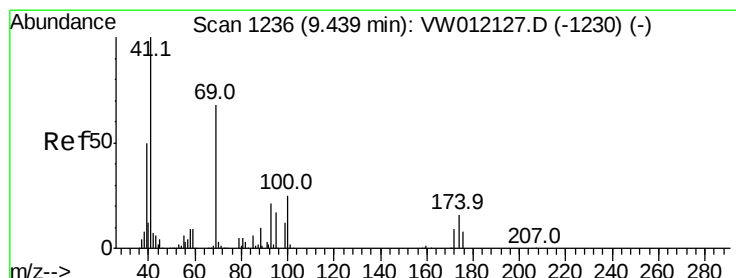
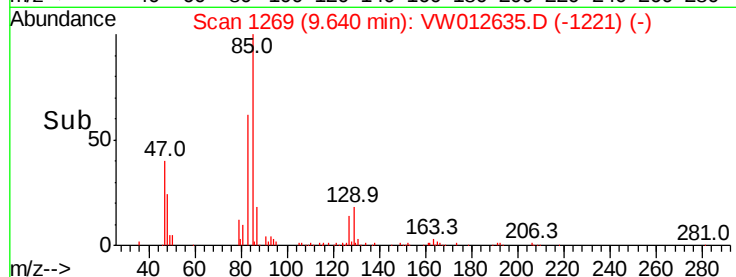
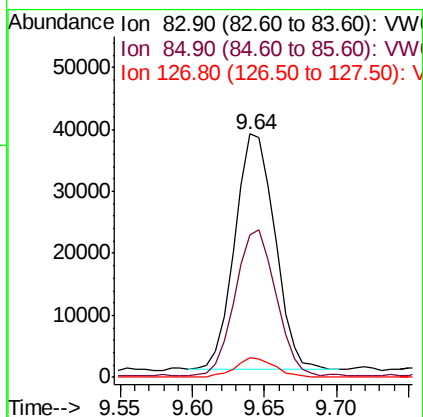
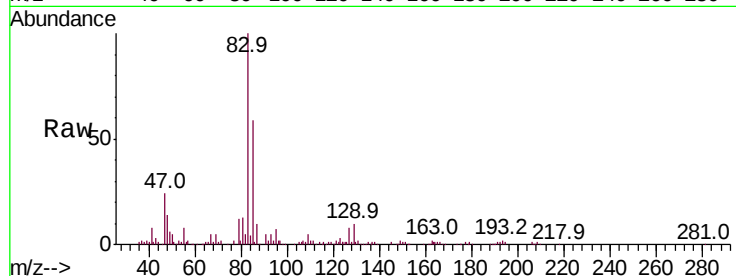
Tot Ion: 83 Resp: 73829

Ion Ratio Lower Upper

83 100

85 59.9 49.4 74.2

127 8.5 6.1 9.1



#48

Methyl methacrylate

Concen: 21.810 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

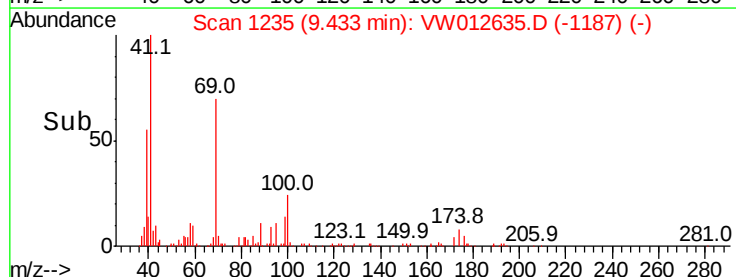
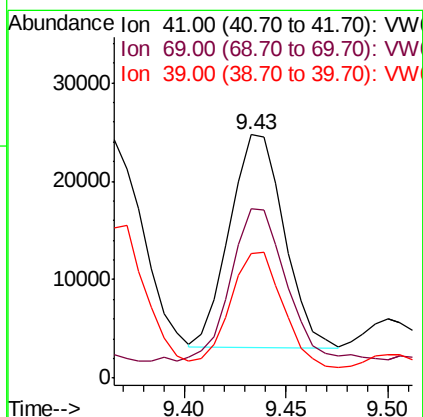
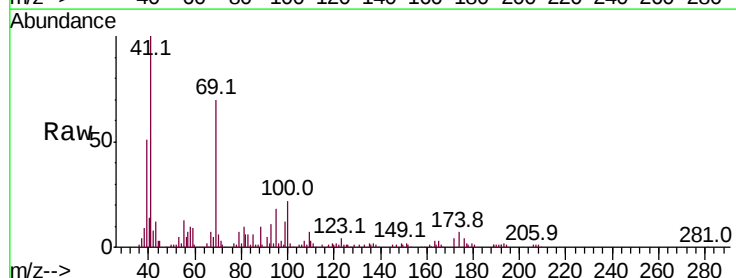
Tgt Ion: 41 Resp: 40204

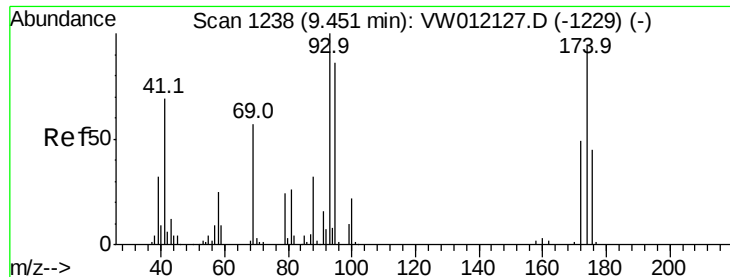
Ion Ratio Lower Upper

41 100

69 74.5 56.7 85.1

39 52.8 42.0 63.0





#49

1,4-Dioxane

Concen: 432.746 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :

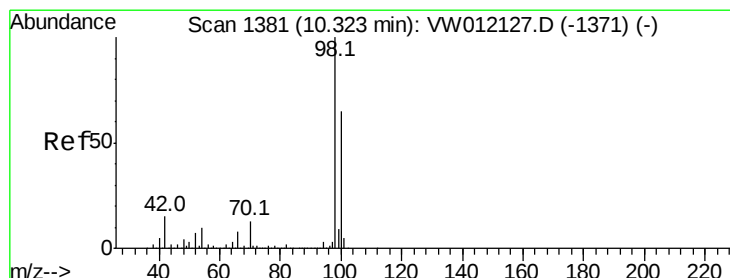
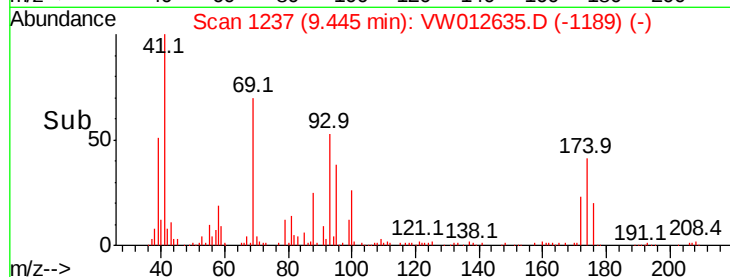
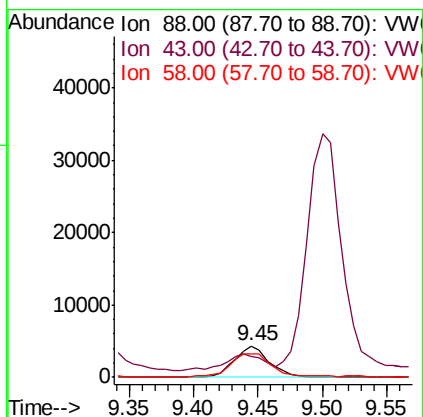
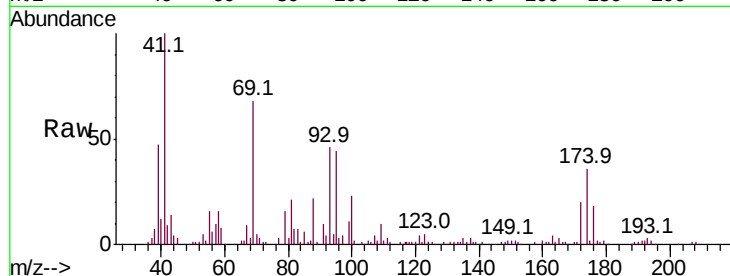
Tot Ion: 88 Resp: 8265

Ion Ratio Lower Upper

88 100

43 53.9 32.9 49.3#

58 89.8 71.0 106.4



#50

Toluene-d8

Concen: 50.412 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012635.D

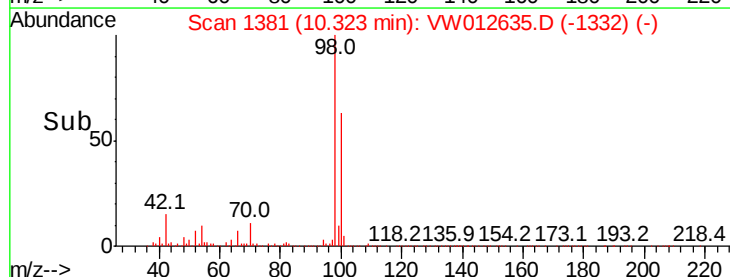
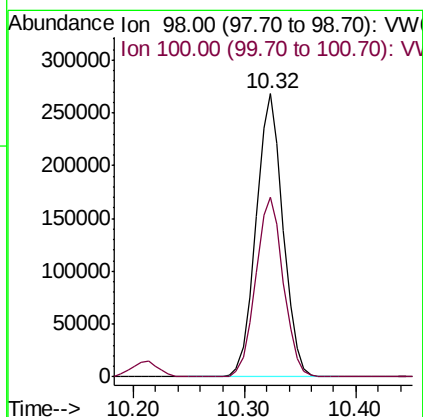
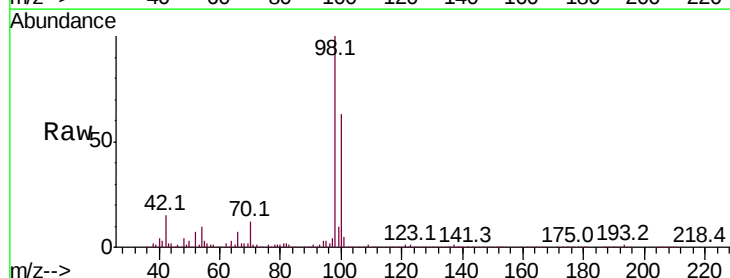
Acq: 05 Sep 2019 12:40

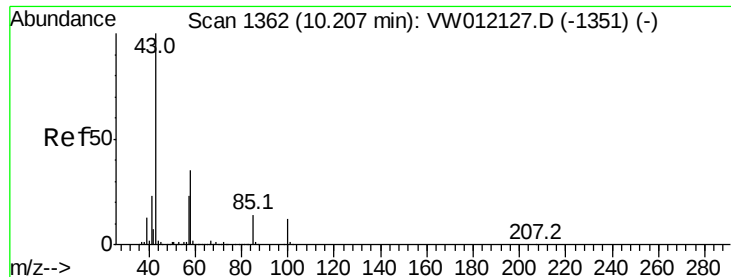
Tgt Ion: 98 Resp: 450500

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 106.926 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

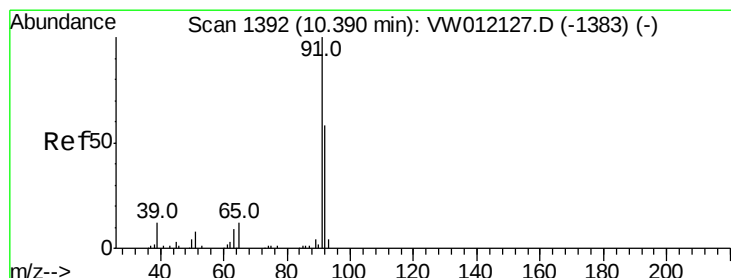
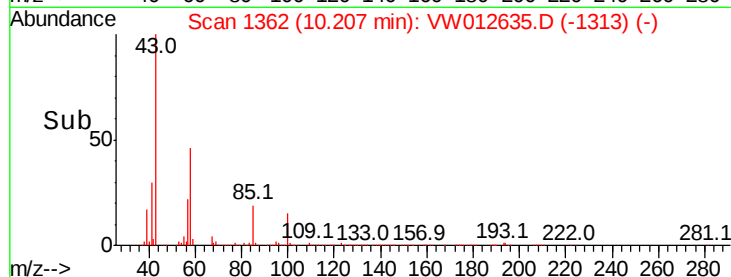
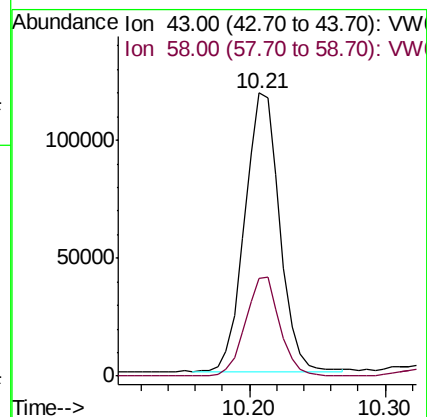
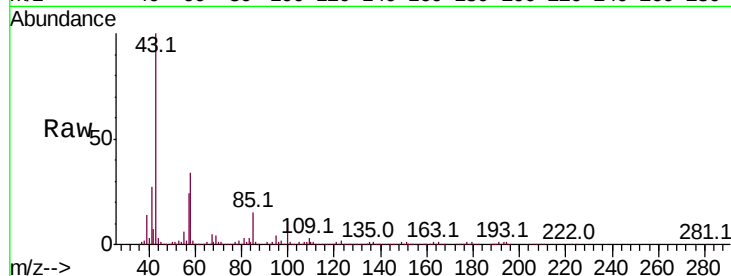
ClientSampleId :

Tot Ion: 43 Resp: 210634

Ion Ratio Lower Upper

43 100

58 34.8 28.2 42.2



#52

Toluene

Concen: 21.473 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012635.D

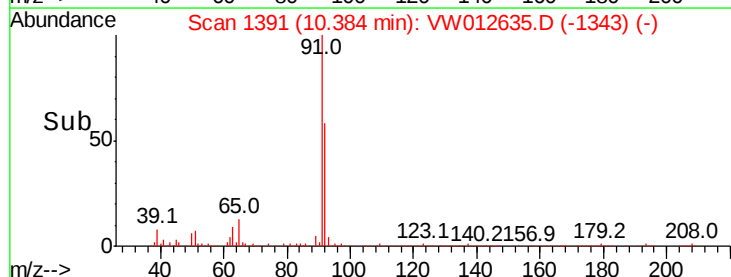
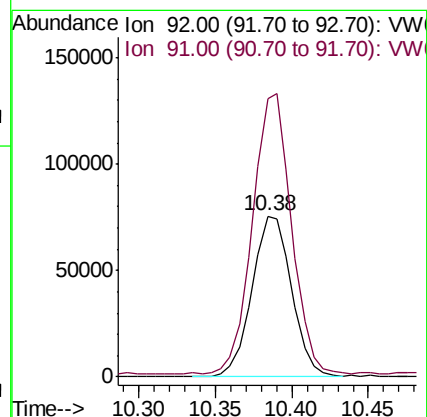
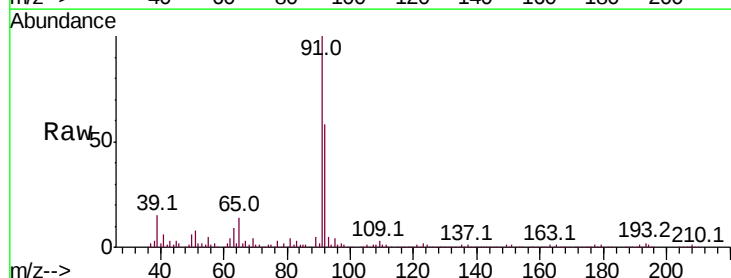
Acq: 05 Sep 2019 12:40

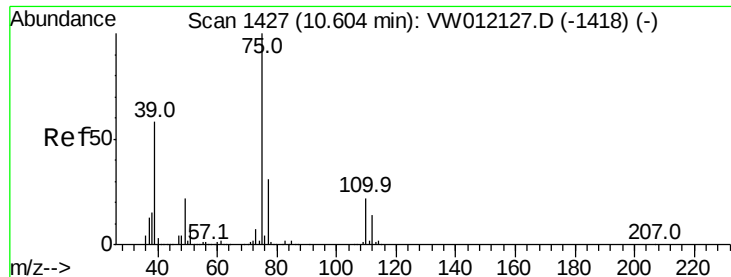
Tgt Ion: 92 Resp: 134397

Ion Ratio Lower Upper

92 100

91 172.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 21.683 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

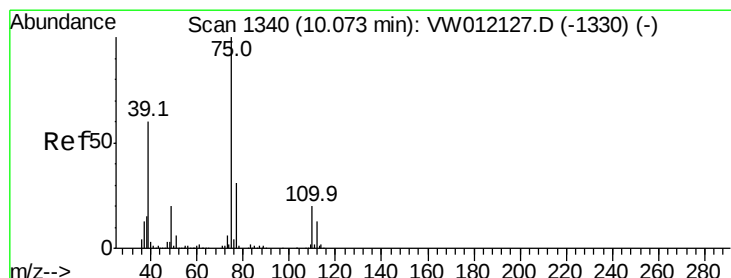
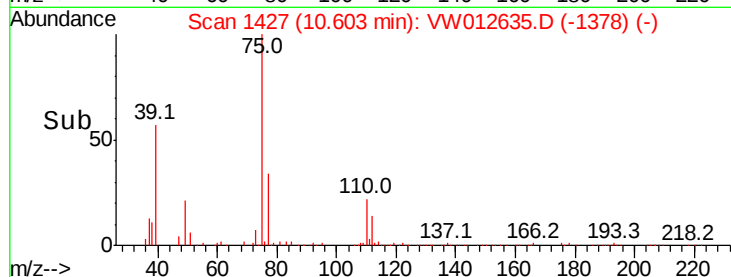
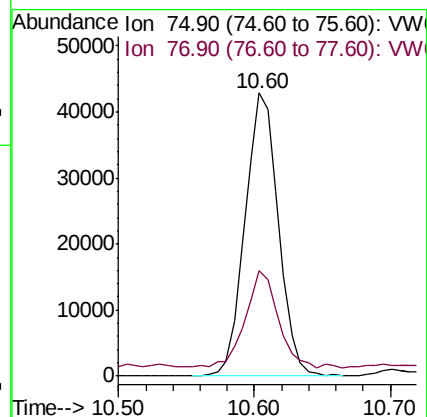
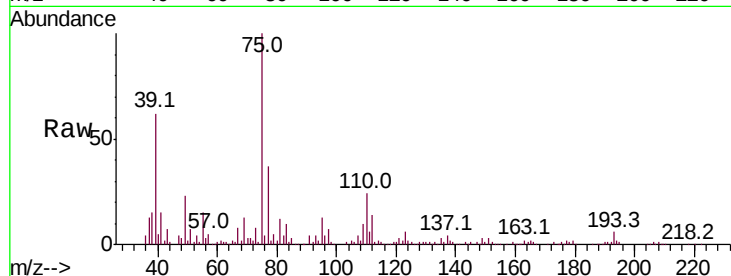
ClientSampleId :

Tot Ion: 75 Resp: 73336

Ion Ratio Lower Upper

75 100

77 34.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.901 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

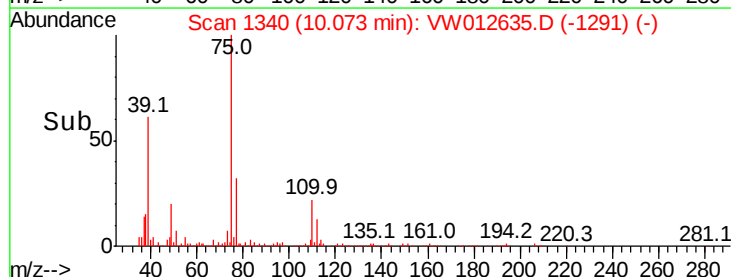
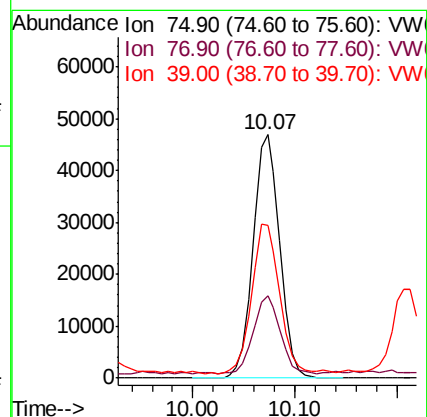
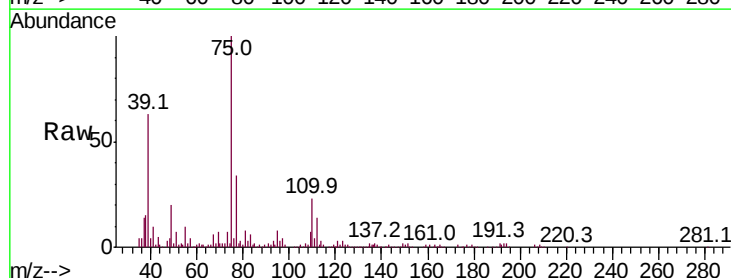
Tgt Ion: 75 Resp: 85354

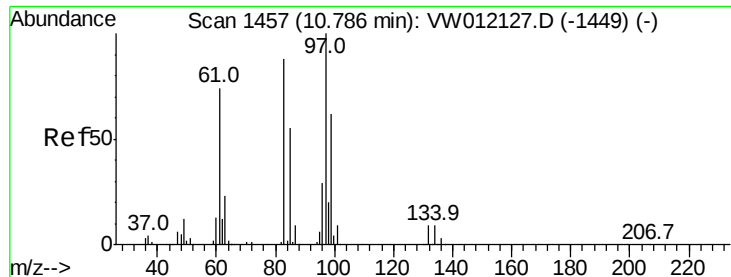
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

39 60.1 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 22.658 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 39994

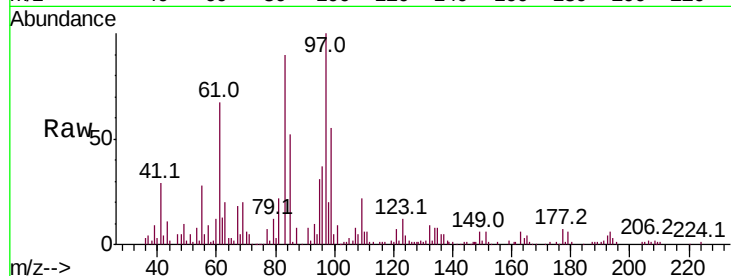
Ion Ratio Lower Upper

97 100

83 87.4 70.8 106.2

85 54.3 43.8 65.8

99 60.1 49.8 74.6

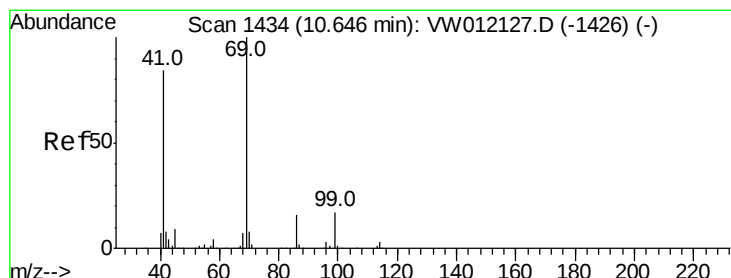
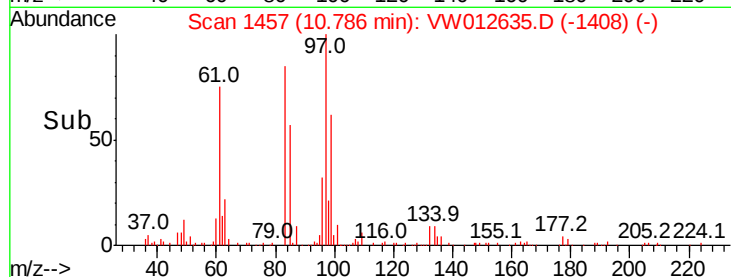
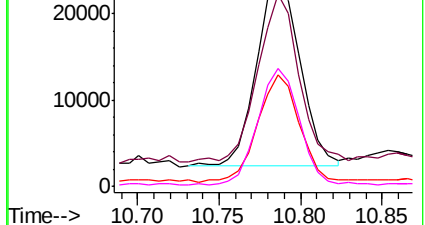


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 22.638 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

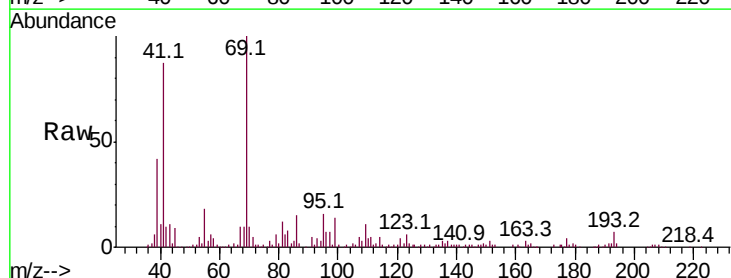
Tgt Ion: 69 Resp: 58159

Ion Ratio Lower Upper

69 100

41 79.2 66.5 99.7

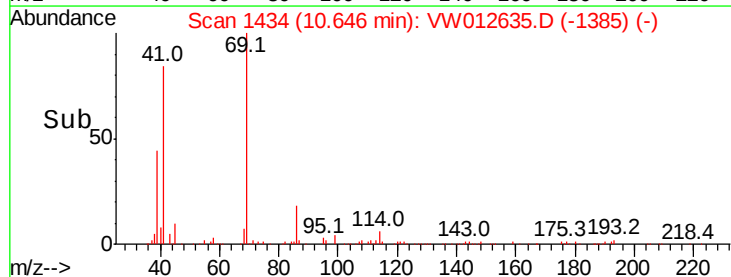
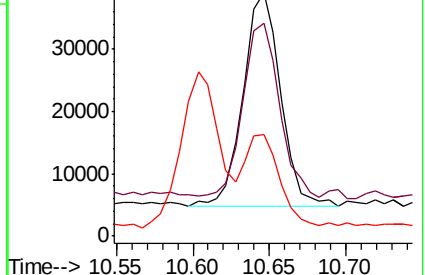
39 38.7 31.0 46.4

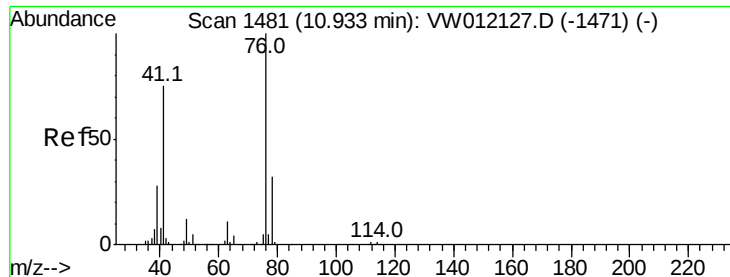


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.784 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

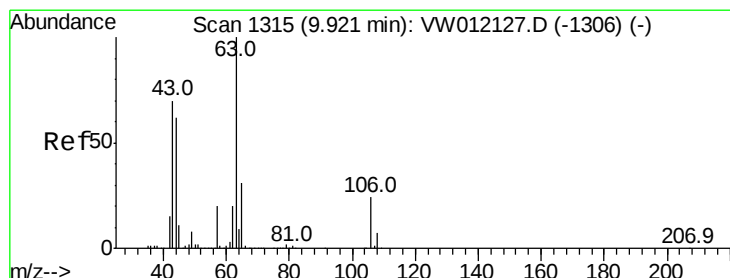
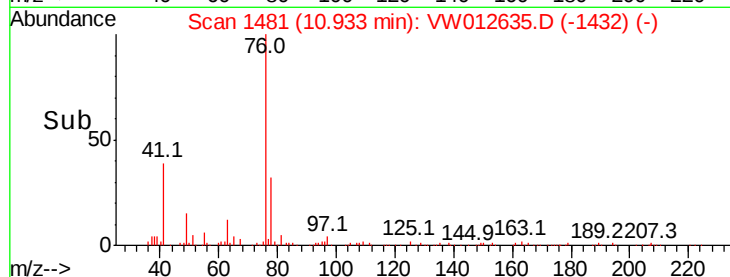
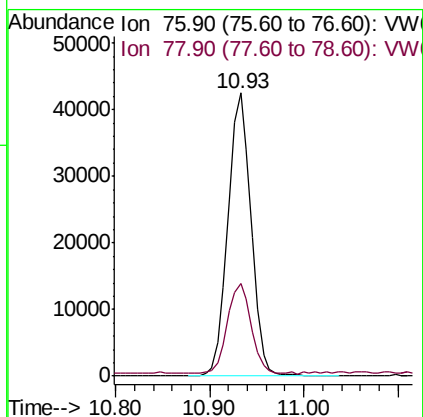
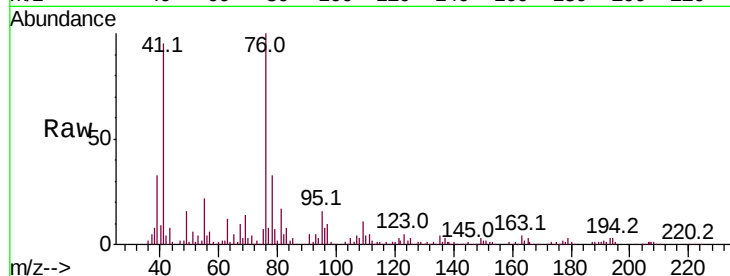
ClientSampleId :

Tot Ion: 76 Resp: 72663

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.614 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012635.D

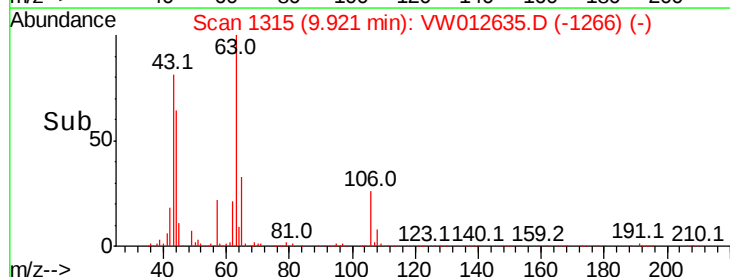
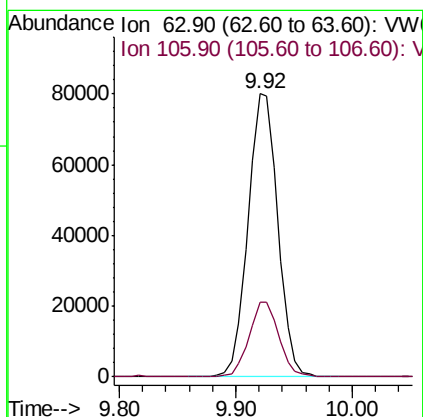
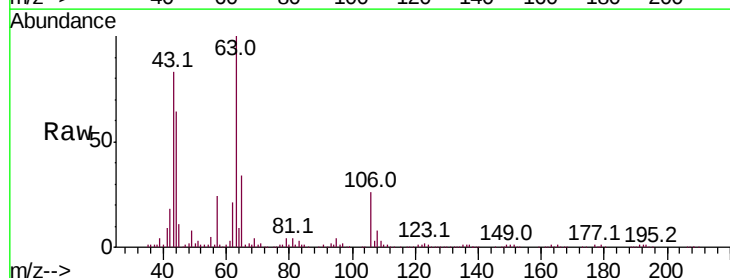
Acq: 05 Sep 2019 12:40

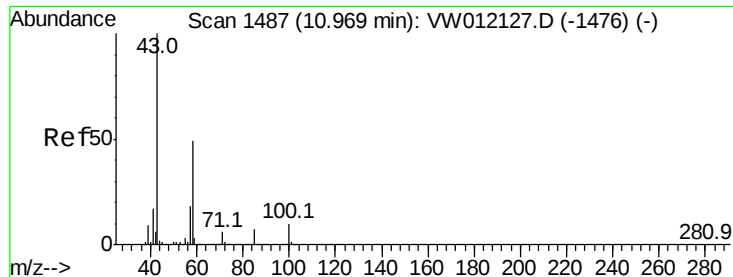
Tgt Ion: 63 Resp: 143206

Ion Ratio Lower Upper

63 100

106 25.9 19.8 29.8





#59

2-Hexanone

Concen: 108.703 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

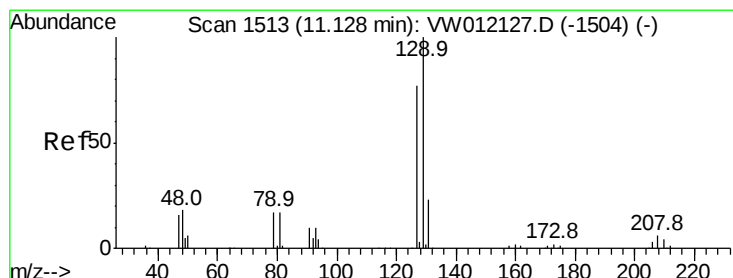
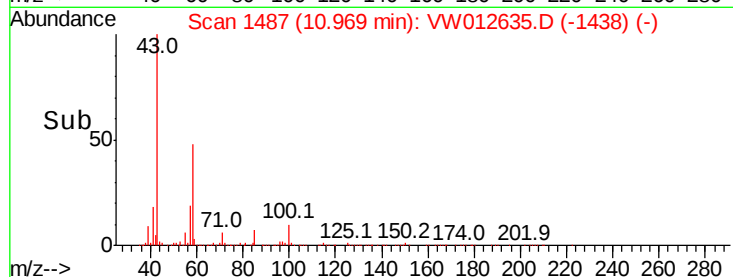
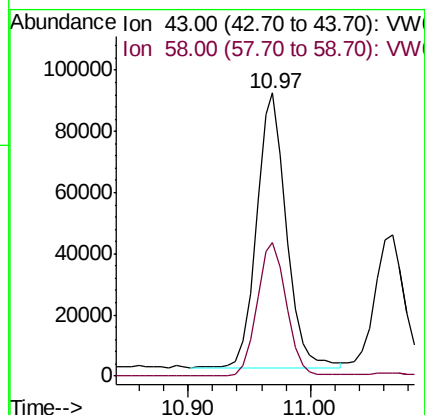
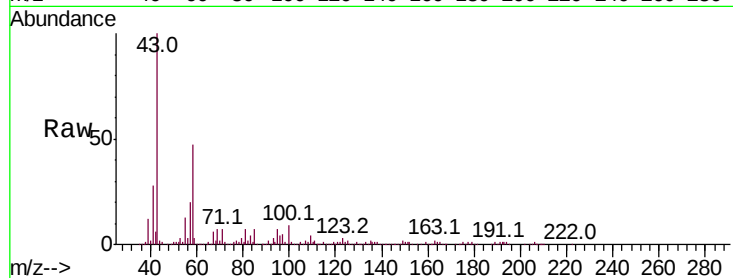
ClientSampleId :

Tot Ion: 43 Resp: 151514

Ion Ratio Lower Upper

43 100

58 48.0 24.3 72.9



#60

Dibromochloromethane

Concen: 22.636 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW012635.D

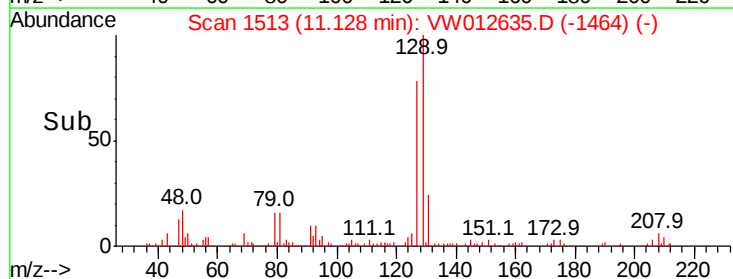
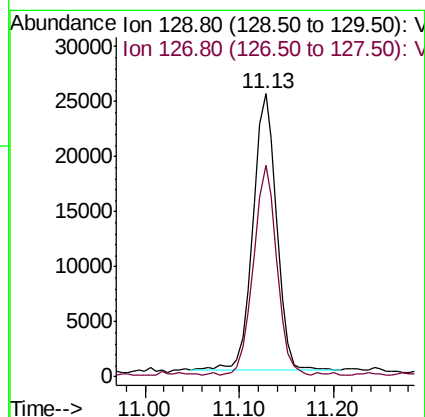
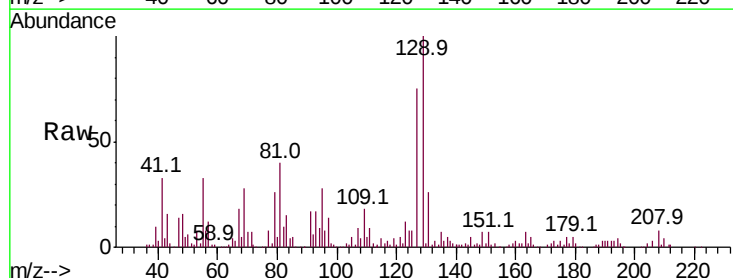
Acq: 05 Sep 2019 12:40

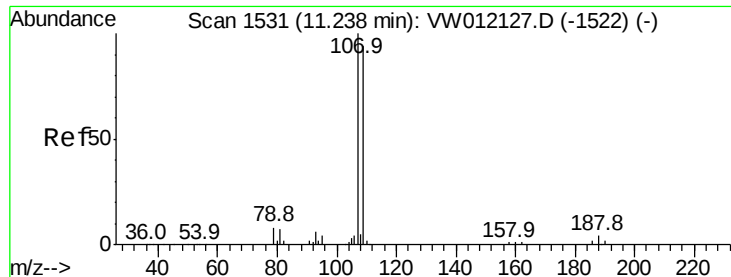
Tgt Ion: 129 Resp: 44505

Ion Ratio Lower Upper

129 100

127 75.2 38.6 115.8

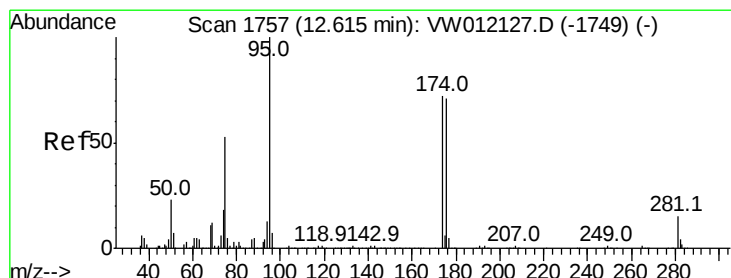
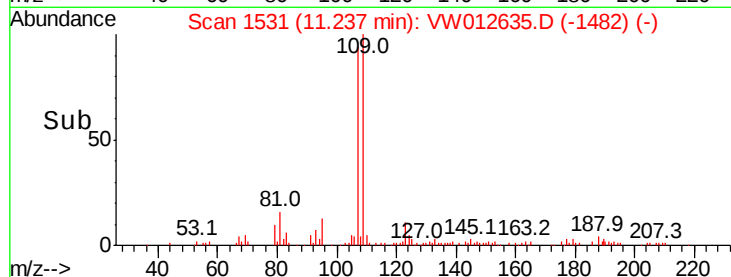
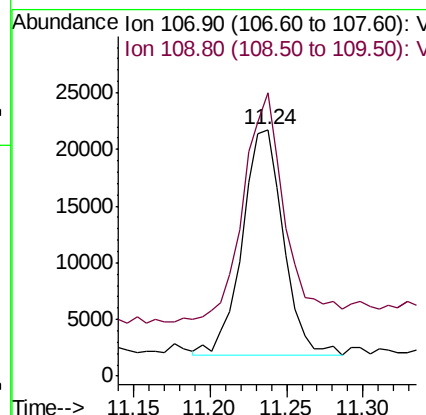
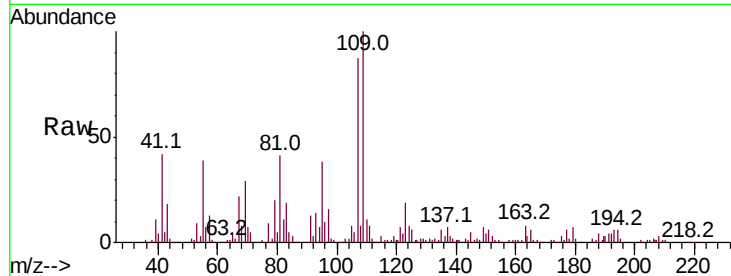




#61
 1,2-Dibromoethane
 Concen: 22.616 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012635.D
 Acq: 05 Sep 2019 12:40

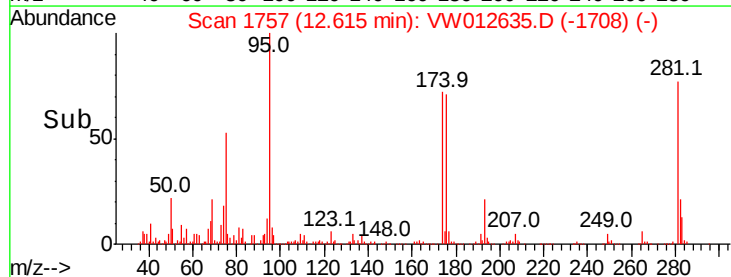
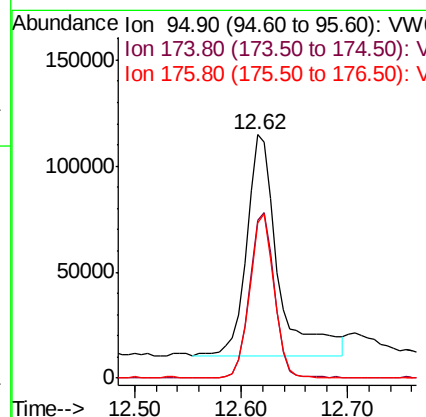
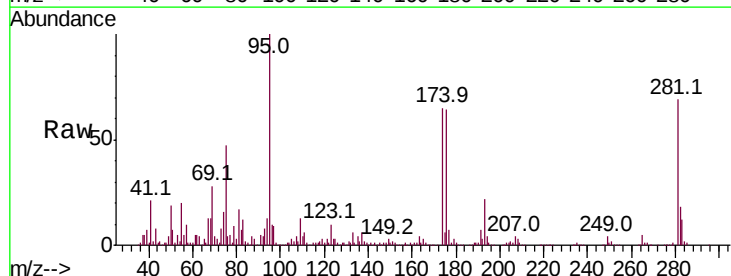
Instrument :
 MSVOA_W
 ClientSampled :

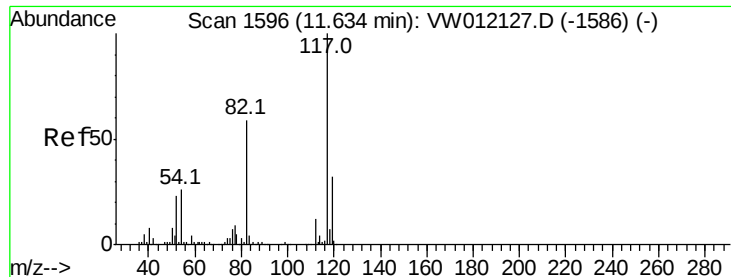
Tot Ion:107 Resp: 37191
 Ion Ratio Lower Upper
 107 100
 109 102.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 68.761 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012635.D
 Acq: 05 Sep 2019 12:40

Tgt Ion: 95 Resp: 216603
 Ion Ratio Lower Upper
 95 100
 174 58.3 0.0 150.8
 176 57.4 0.0 148.6

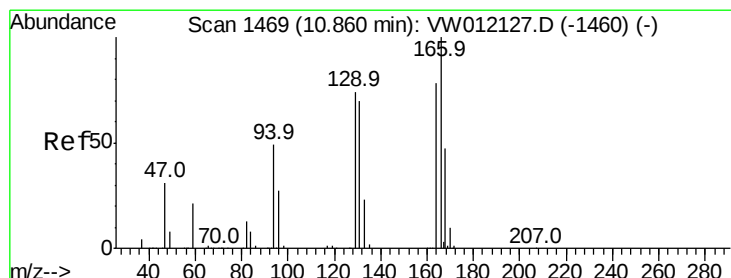
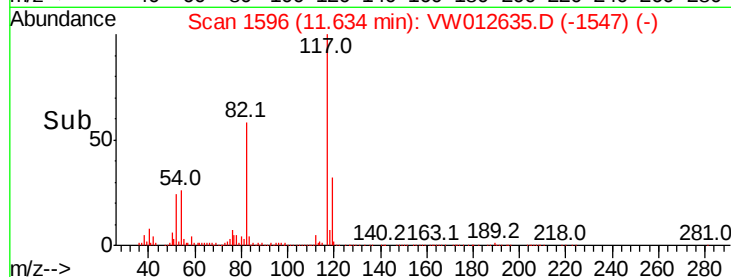
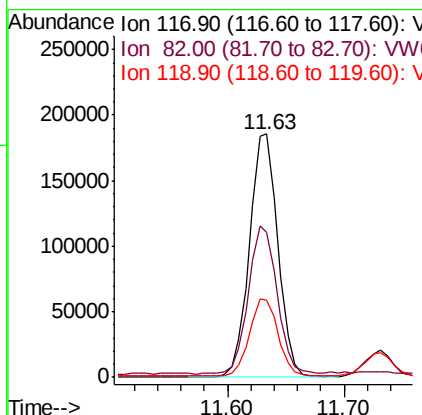
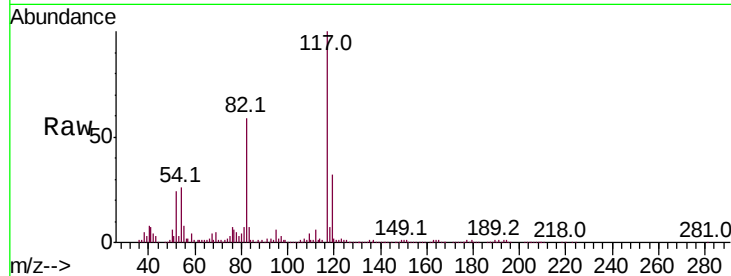




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

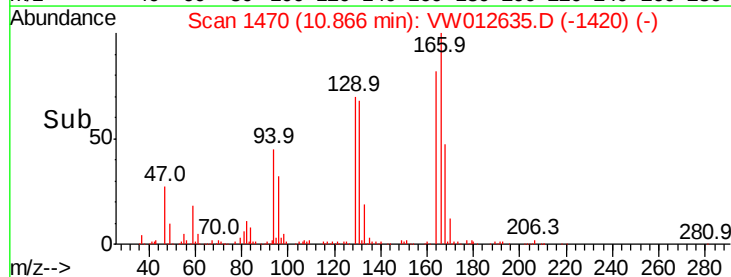
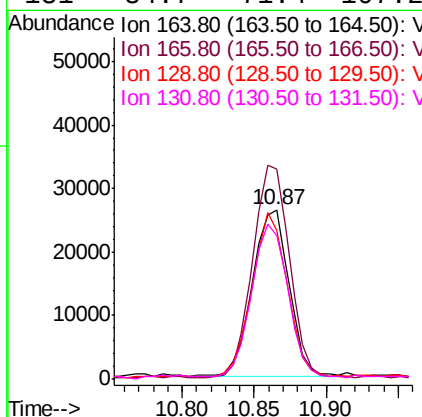
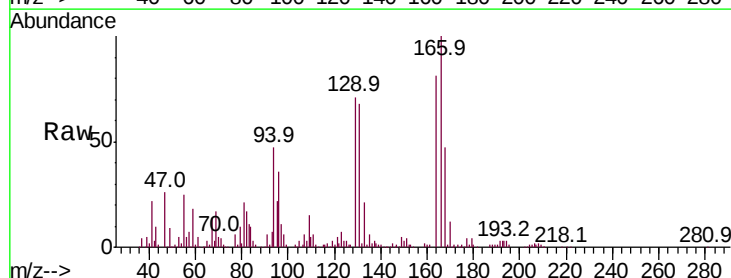
Instrument :
MSVOA_W
ClientSampleId :

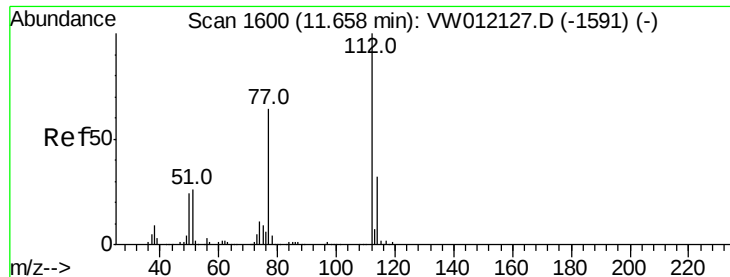
Tot Ion:117 Resp: 315764
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 22.413 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion:164 Resp: 45883
Ion Ratio Lower Upper
164 100
166 125.3 102.4 153.6
129 87.7 75.8 113.6
131 84.7 71.4 107.2

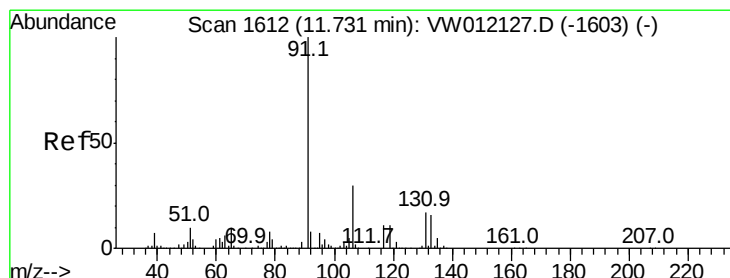
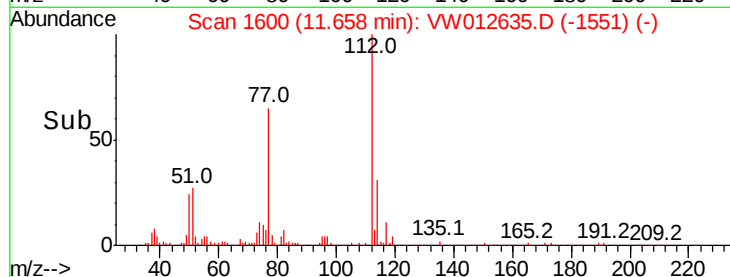
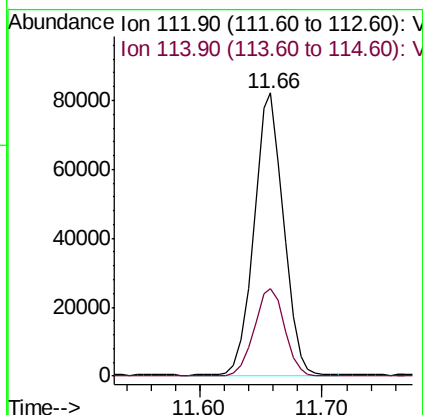
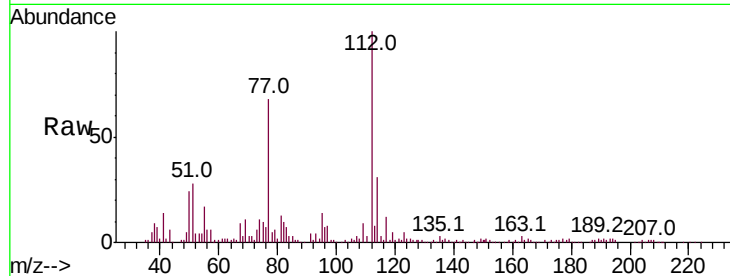




#65
Chlorobenzene
Concen: 22.121 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

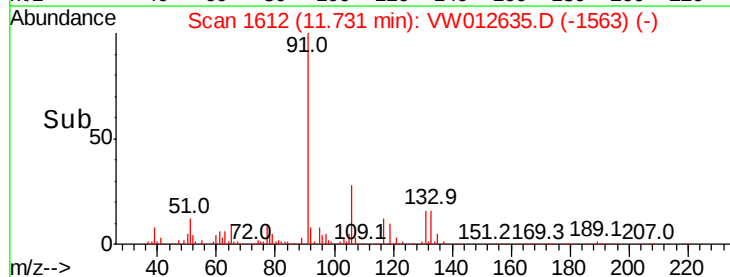
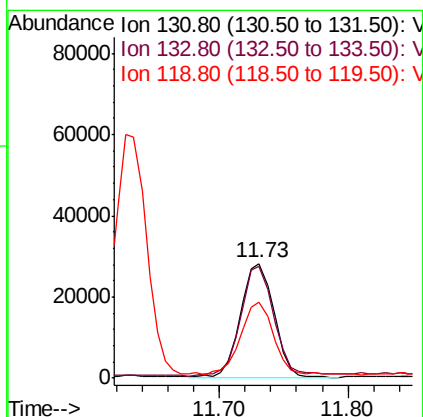
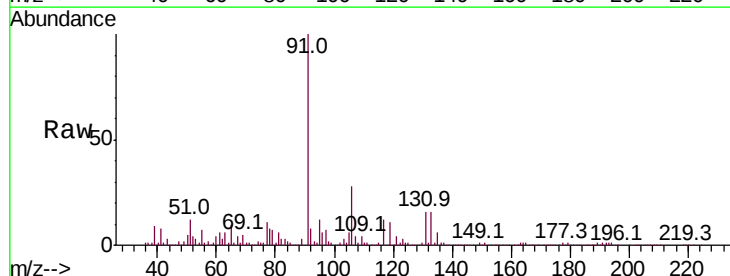
Instrument :
MSVOA_W
ClientSampleId :

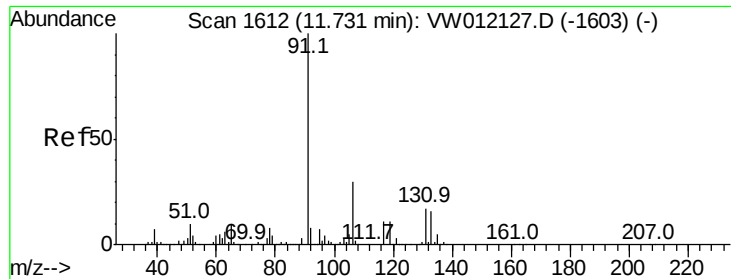
Tot Ion:112 Resp: 137543
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.168 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion:131 Resp: 50254
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.3
119 62.0 31.8 95.3

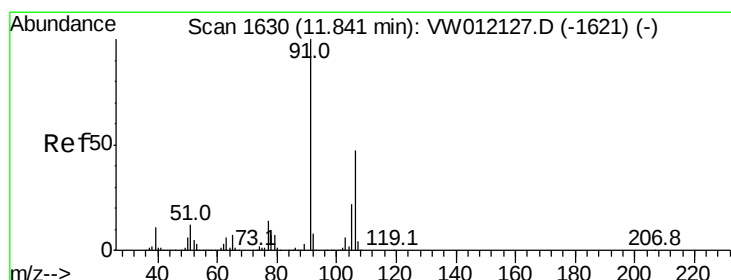
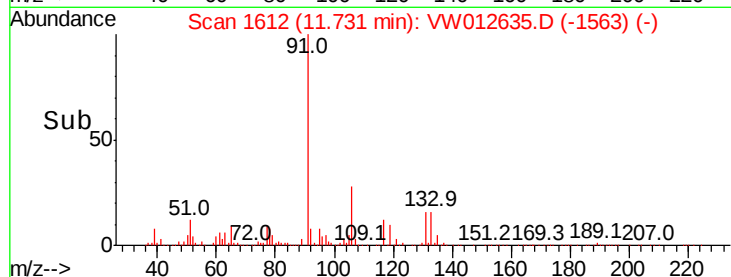
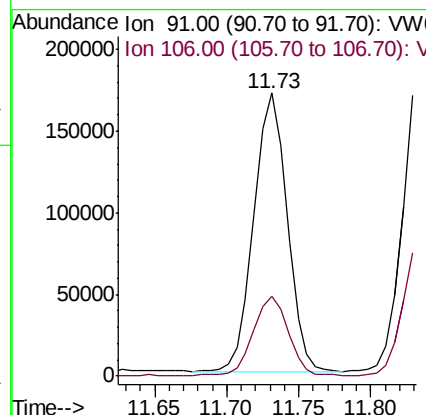
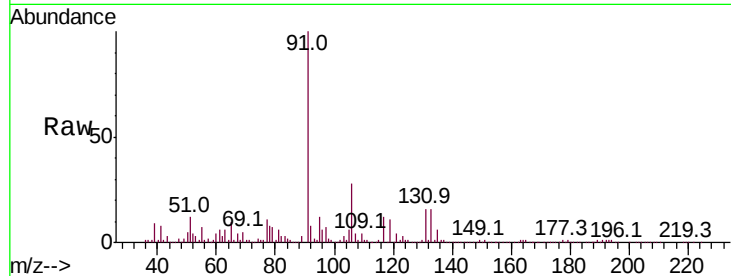




#67
Ethyl Benzene
Concen: 22.781 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

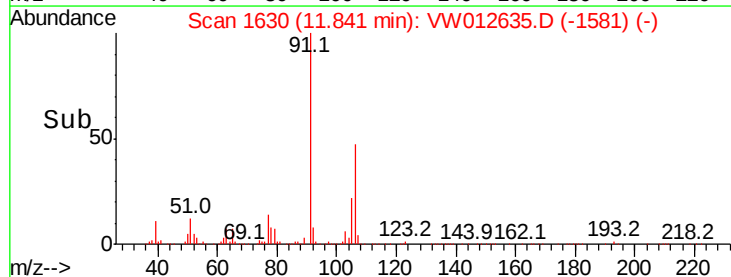
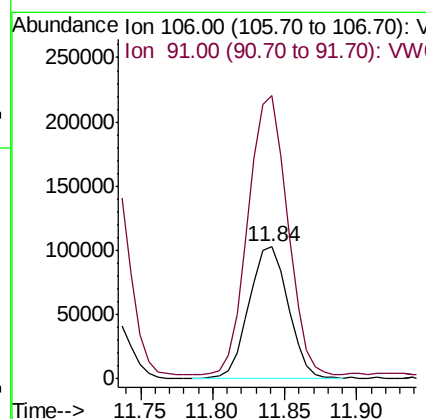
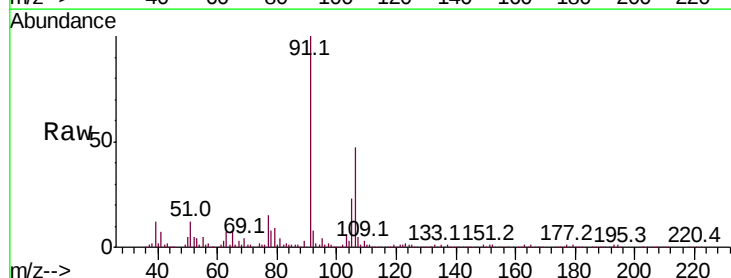
Instrument :
MSVOA_W
ClientSampled :

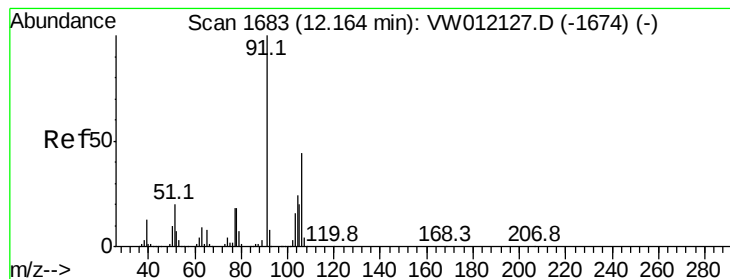
Tot Ion: 91 Resp: 272851
Ion Ratio Lower Upper
91 100
106 28.5 24.3 36.5



#68
m/p-Xylenes
Concen: 44.603 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion: 106 Resp: 192434
Ion Ratio Lower Upper
106 100
91 213.5 169.5 254.3





#69

o-Xylene

Concen: 22.800 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

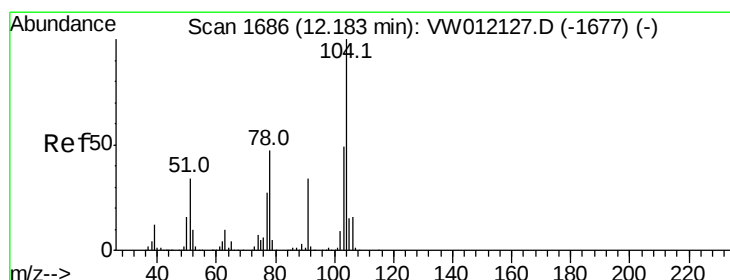
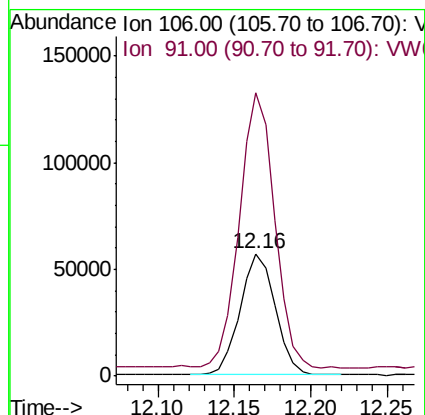
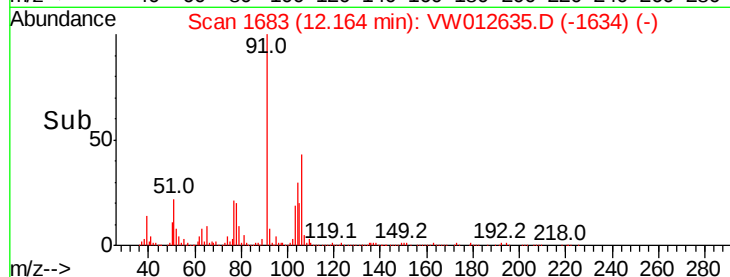
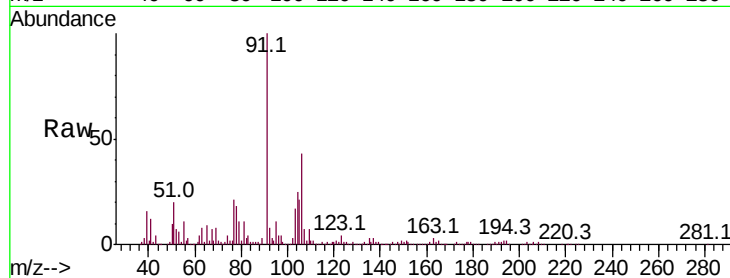
ClientSampled :

Tot Ion:106 Resp: 91044

Ion Ratio Lower Upper

106 100

91 226.0 111.6 334.6



#70

Styrene

Concen: 23.221 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

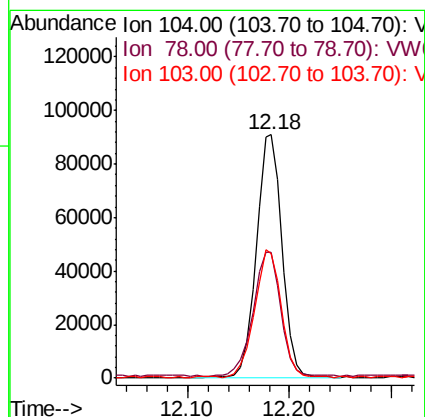
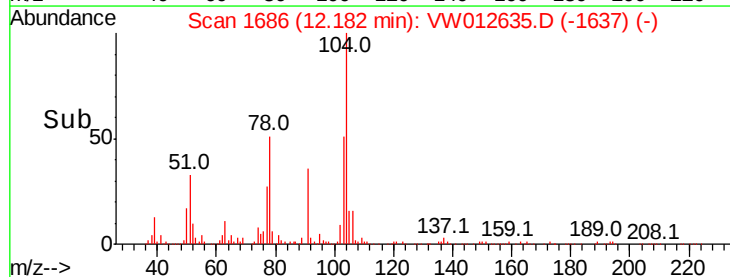
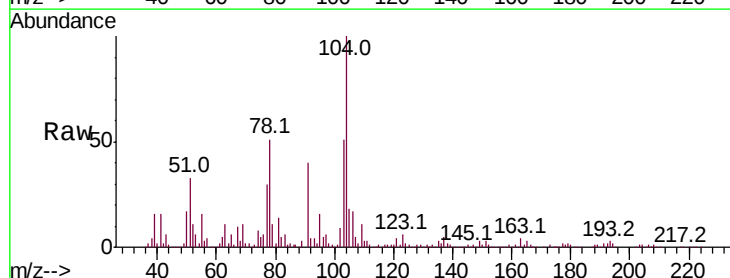
Tgt Ion:104 Resp: 160496

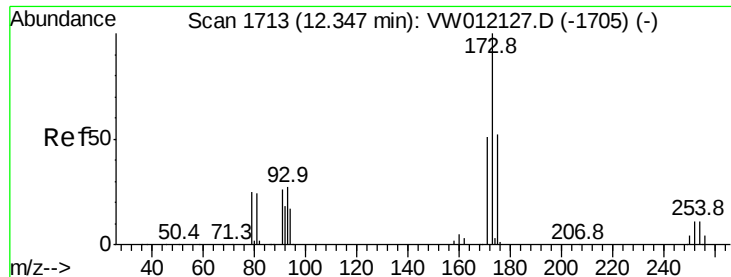
Ion Ratio Lower Upper

104 100

78 54.7 43.1 64.7

103 53.8 43.5 65.3





#71

Bromoform

Concen: 24.081 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

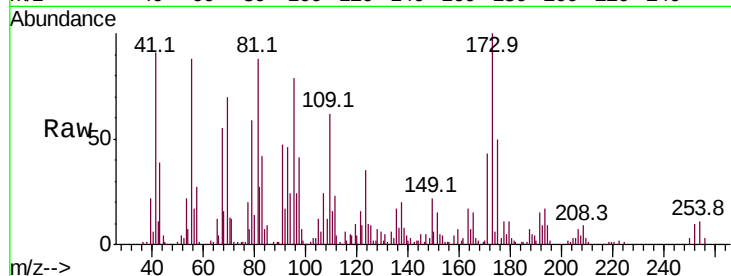
Tot Ion:173 Resp: 26024

Ion Ratio Lower Upper

173 100

175 46.4 24.6 74.0

254 0.0 0.2 0.2#

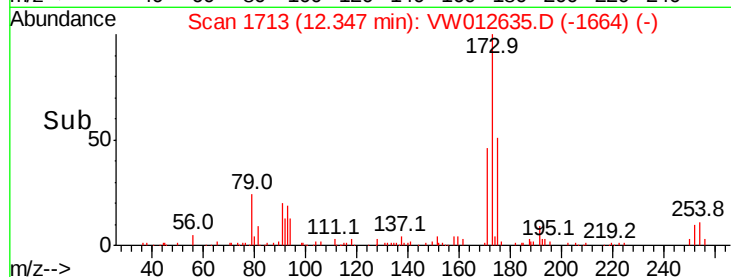


Abundance Ion 172.70 (172.40 to 173.40): V

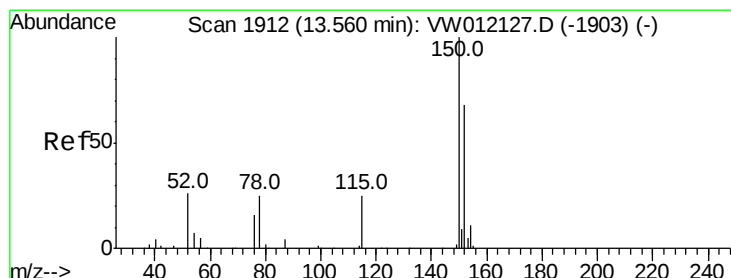
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

12.35



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

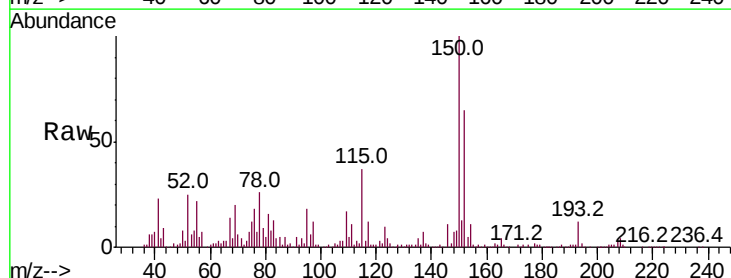
Tgt Ion:152 Resp: 168396

Ion Ratio Lower Upper

152 100

115 54.8 30.1 90.3

150 149.4 0.0 345.8

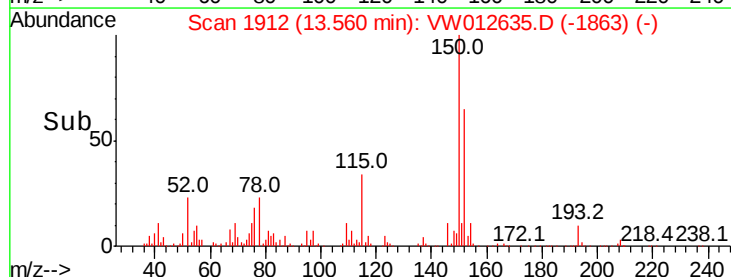


Abundance Ion 151.90 (151.60 to 152.60): V

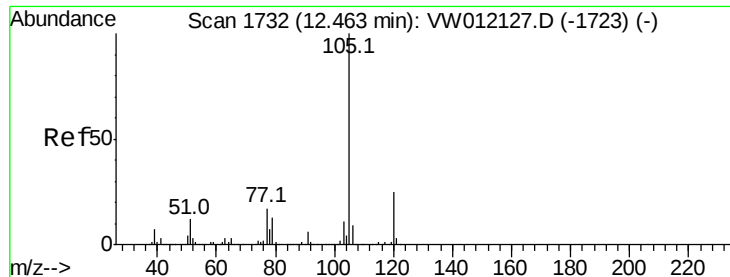
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

13.56



Time-->



#73

Isopropylbenzene

Concen: 20.693 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

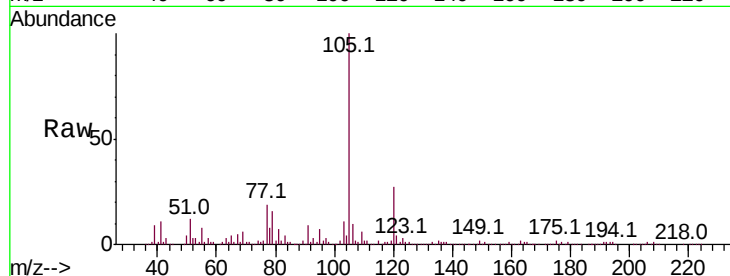
ClientSampleId :

Tot Ion:105 Resp: 261102

Ion Ratio Lower Upper

105 100

120 26.0 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

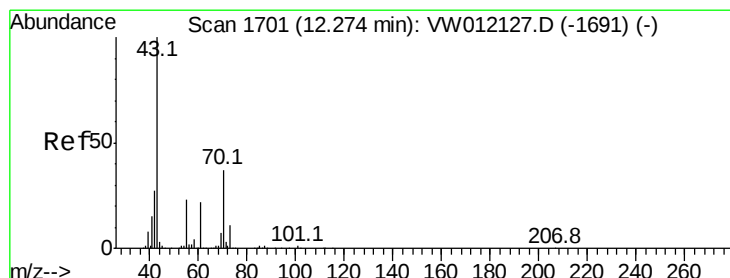
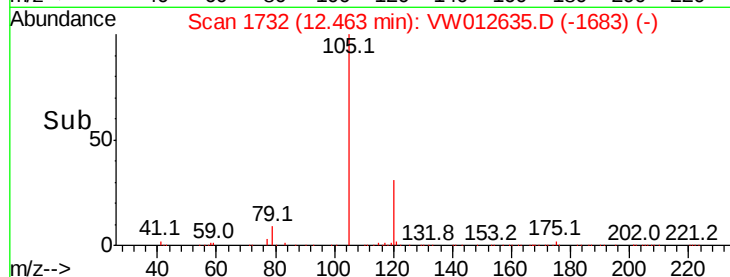
100000

50000

0

12.40 12.46 12.50

Time-->



#74

N-ethyl acetate

Concen: 20.836 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Tgt Ion: 43 Resp: 79434

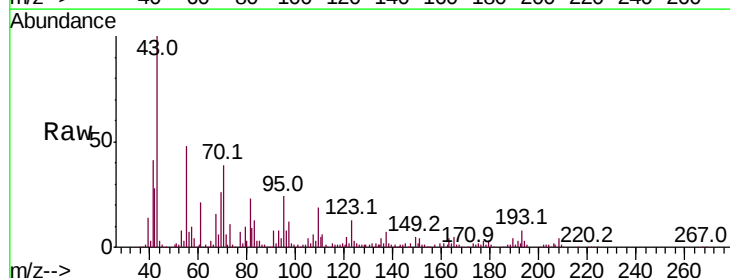
Ion Ratio Lower Upper

43 100

70 36.4 28.6 43.0

55 25.9 17.8 26.6

61 21.0 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

60000

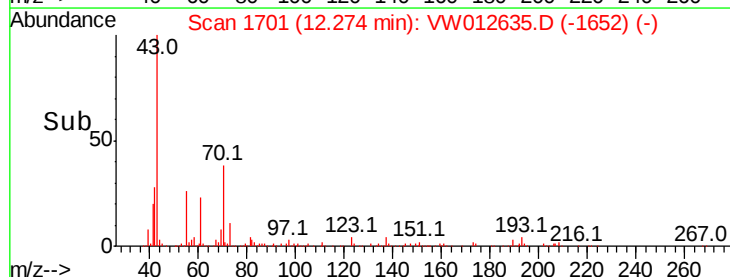
40000

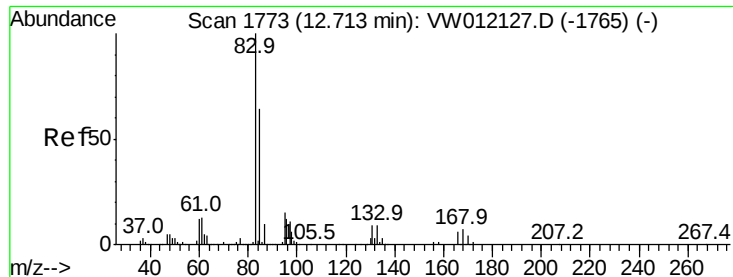
20000

0

12.20 12.25 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 29.371 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

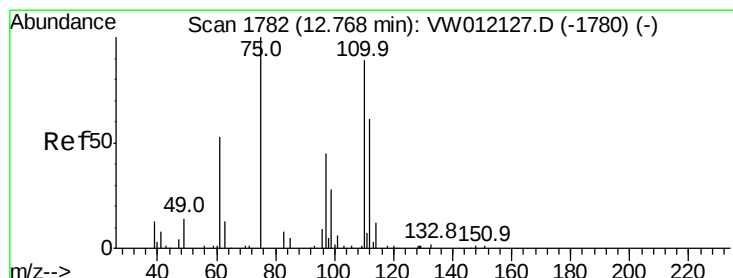
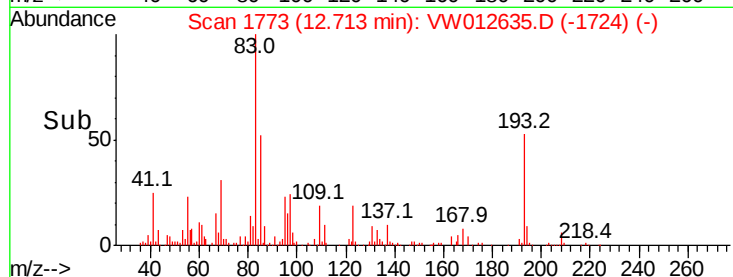
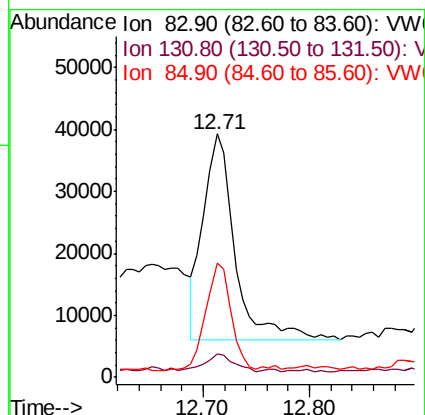
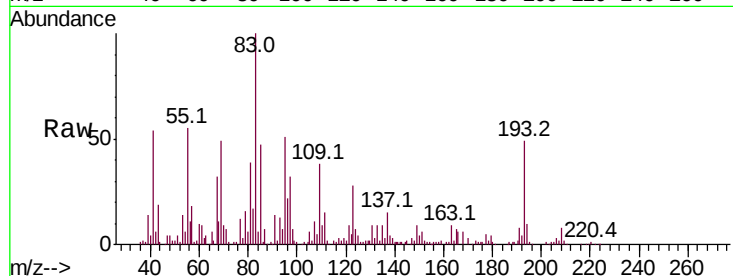
Tot Ion: 83 Resp: 67944

Ion Ratio Lower Upper

83 100

131 7.7 4.9 14.7

85 42.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 36.010 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012635.D

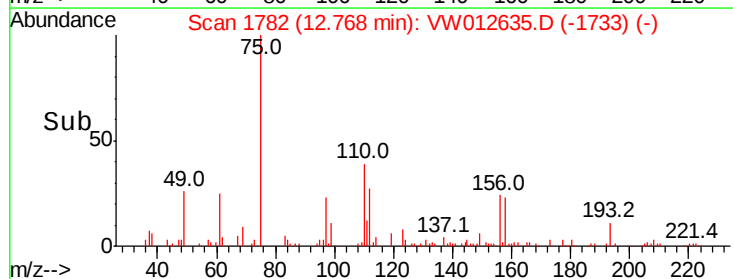
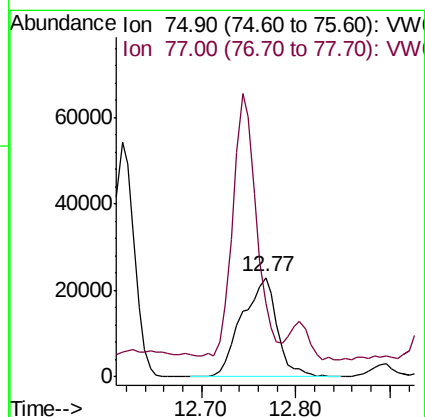
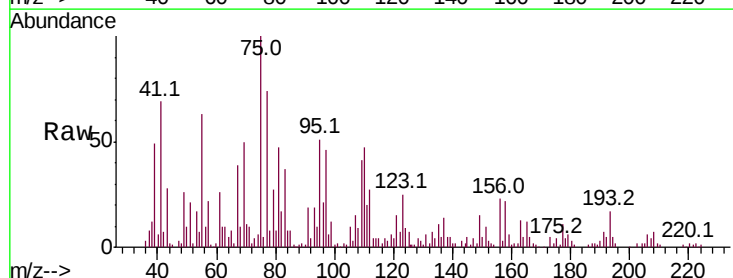
Acq: 05 Sep 2019 12:40

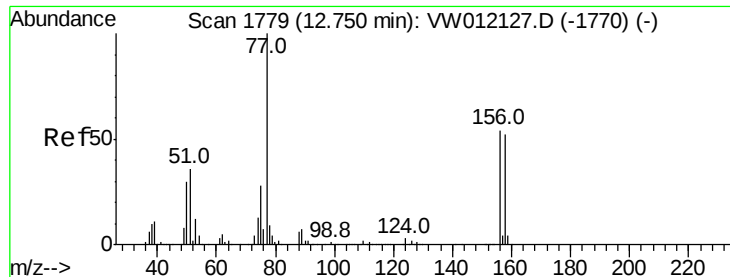
Tgt Ion: 75 Resp: 59058

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

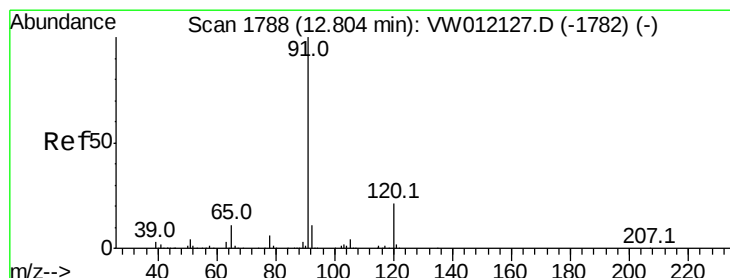
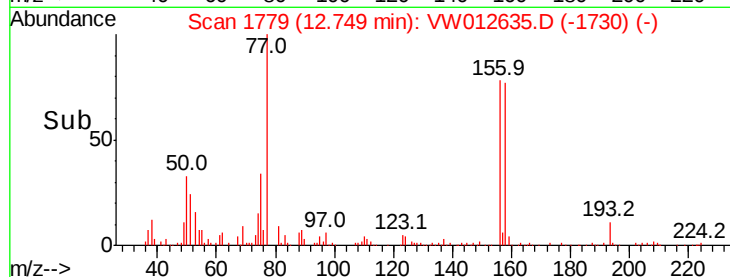
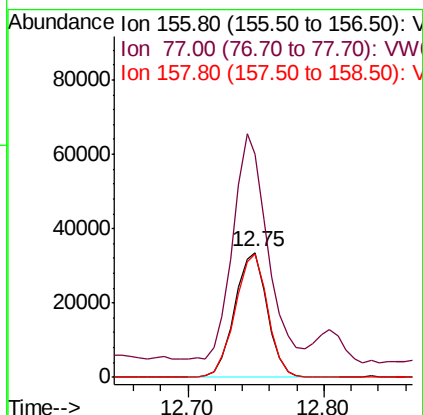
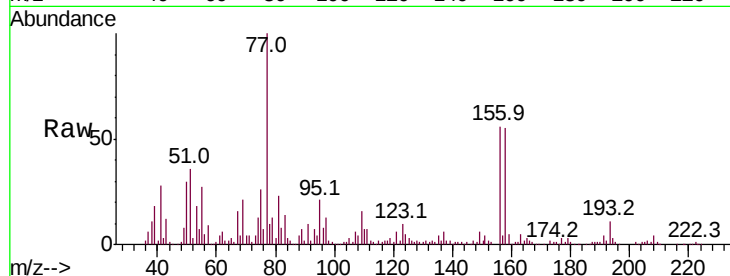




#77
Bromobenzene
Concen: 20.451 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

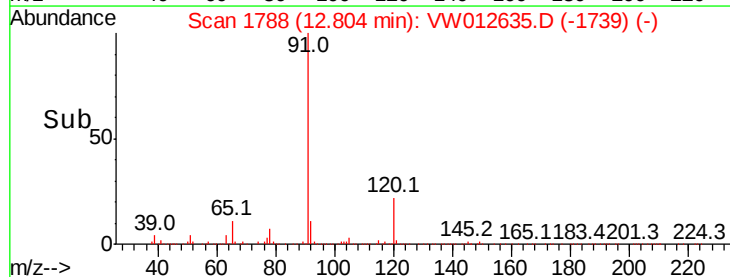
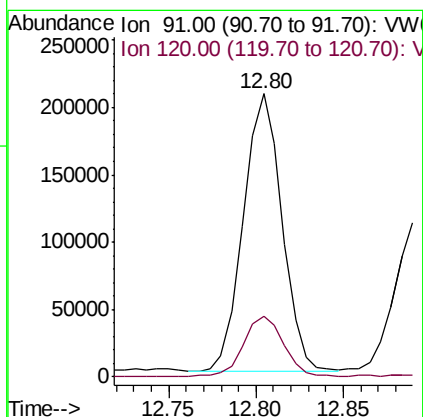
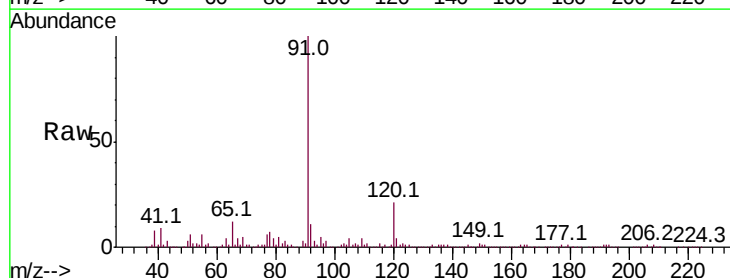
Instrument :
MSVOA_W
ClientSampled :

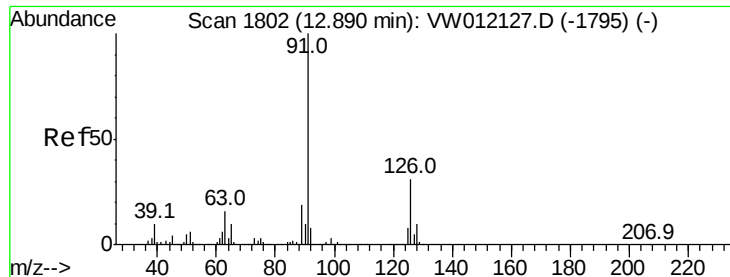
Tot Ion:156 Resp: 55828
Ion Ratio Lower Upper
156 100
77 191.8 107.3 321.8
158 99.4 49.0 147.0



#78
n-propylbenzene
Concen: 20.502 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion: 91 Resp: 315815
Ion Ratio Lower Upper
91 100
120 21.8 10.5 31.6





#79

2-Chlorotoluene

Concen: 20.610 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

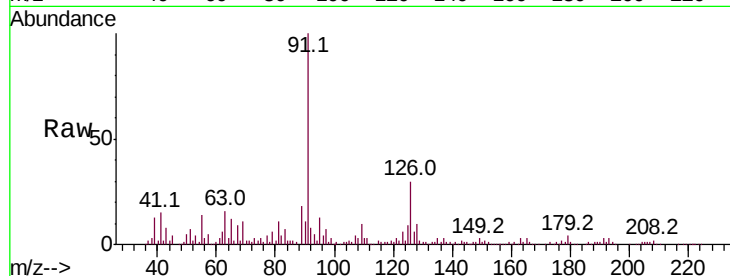
ClientSampleId :

Tot Ion: 91 Resp: 180247

Ion Ratio Lower Upper

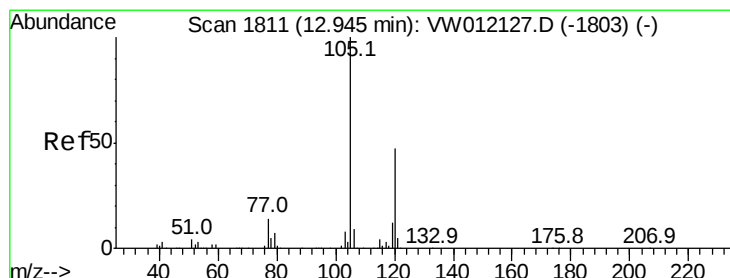
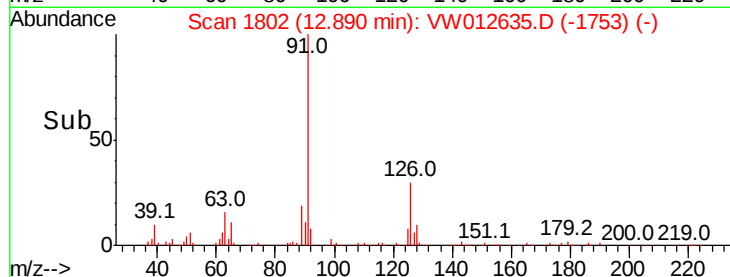
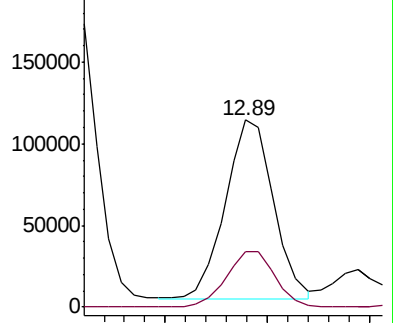
91 100

126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.231 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012635.D

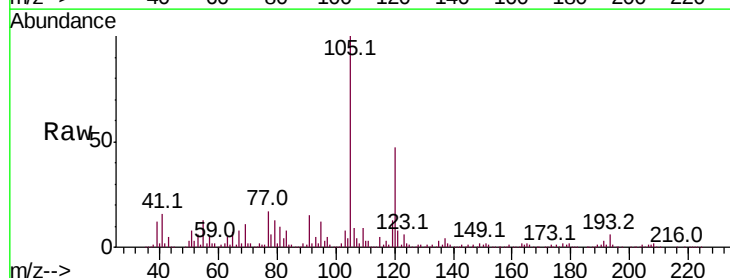
Acq: 05 Sep 2019 12:40

Tgt Ion:105 Resp: 223855

Ion Ratio Lower Upper

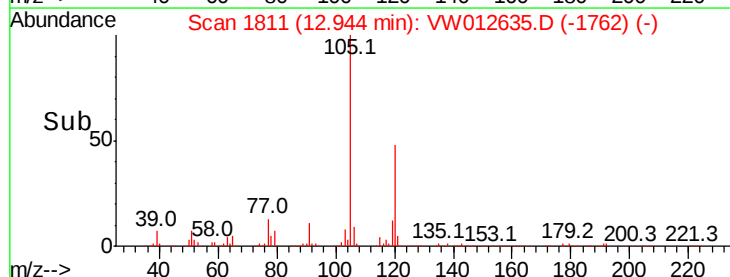
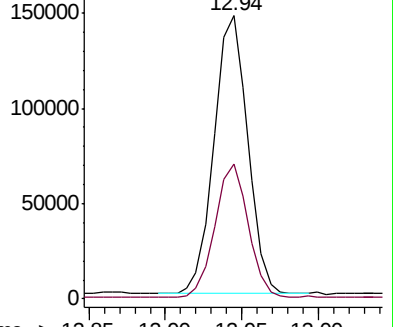
105 100

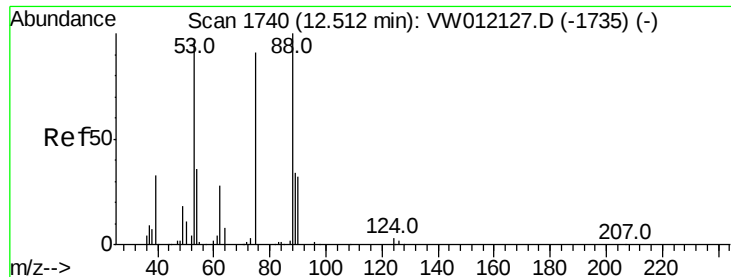
120 47.3 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

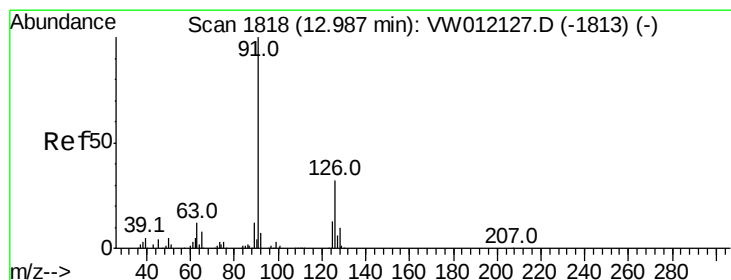
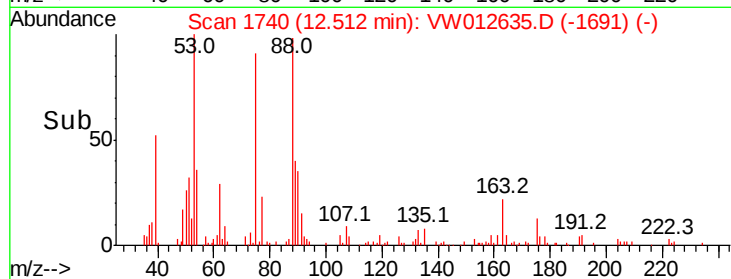
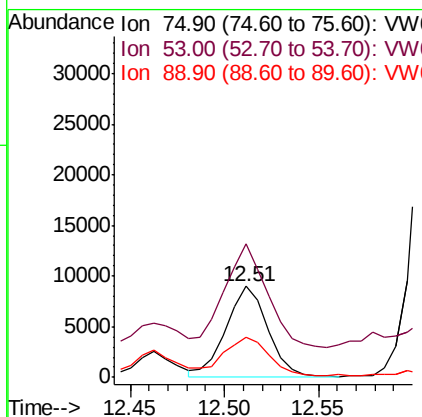
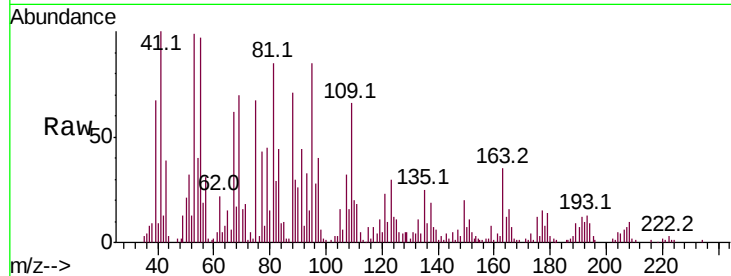




#81
trans-1,4-Dichloro-2-butene
Concen: 18.271 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

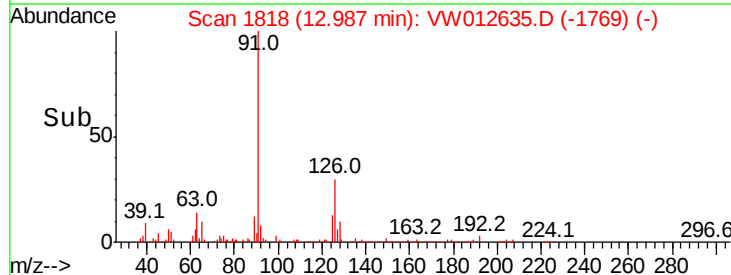
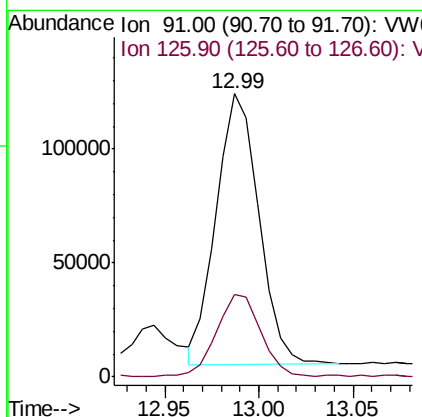
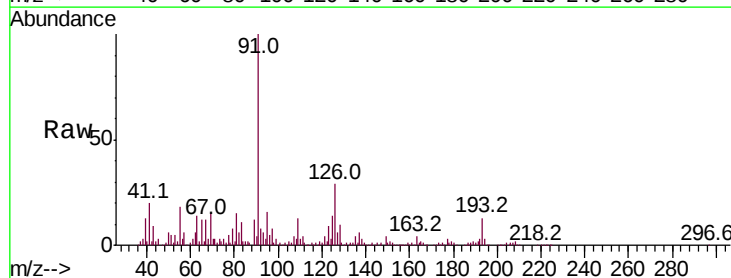
Instrument :
MSVOA_W
ClientSampleId :

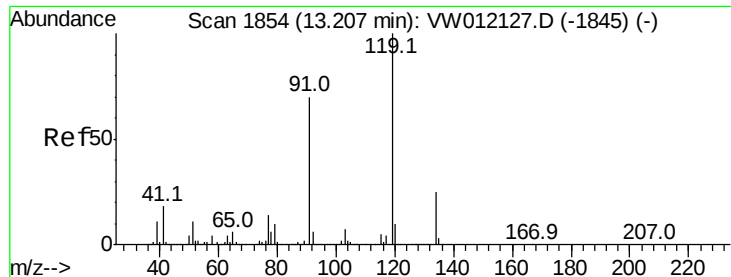
Tot Ion: 75 Resp: 13667
Ion Ratio Lower Upper
75 100
53 119.0 89.4 134.0
89 45.9 34.5 51.7



#82
4-Chlorotoluene
Concen: 20.438 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion: 91 Resp: 187154
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.8





#83

tert-Butylbenzene

Concen: 21.687 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

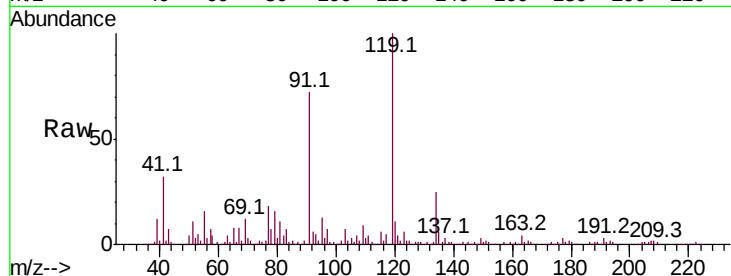
Tot Ion:119 Resp: 193696

Ion Ratio Lower Upper

119 100

91 70.5 34.8 104.3

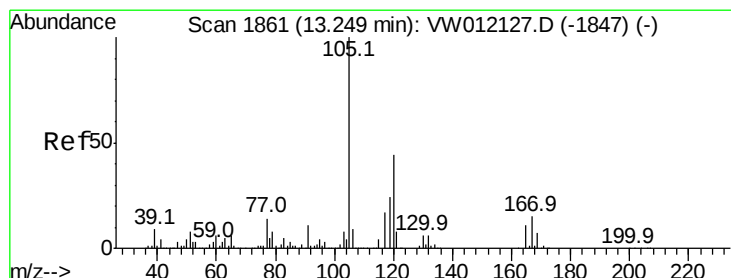
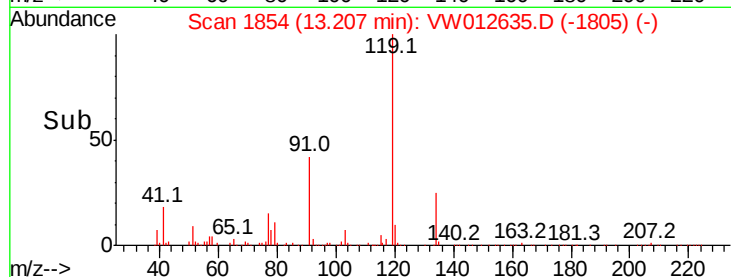
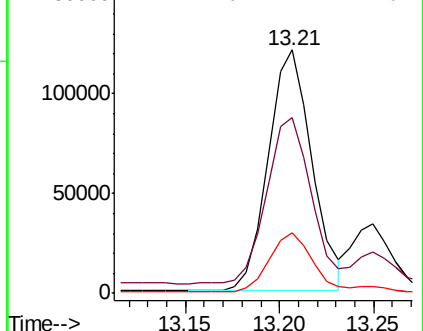
134 24.3 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.662 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012635.D

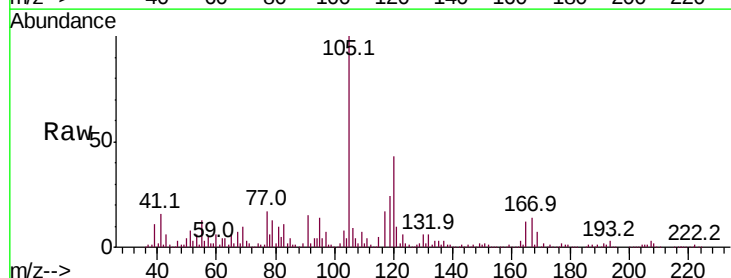
Acq: 05 Sep 2019 12:40

Tgt Ion:105 Resp: 218840

Ion Ratio Lower Upper

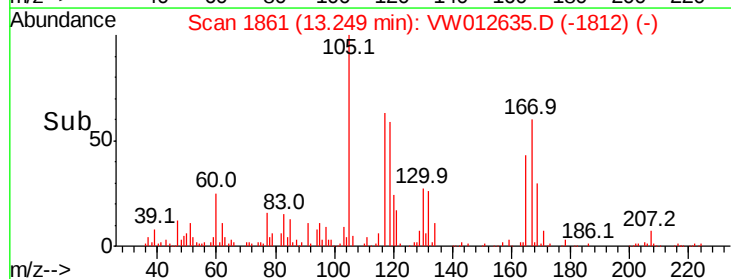
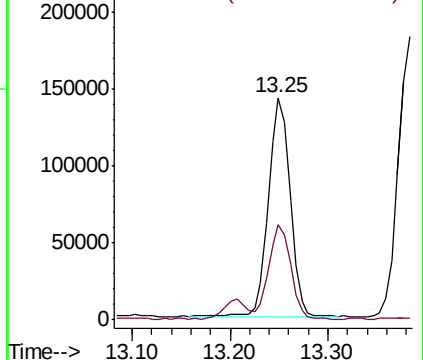
105 100

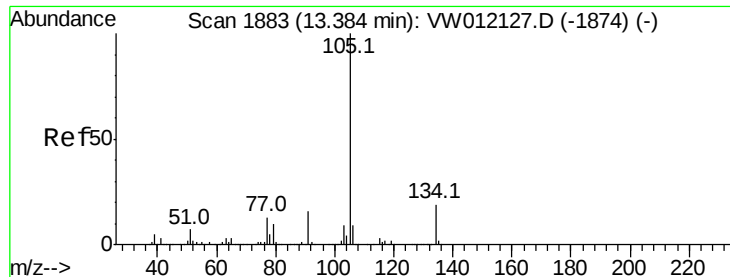
120 43.4 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.596 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

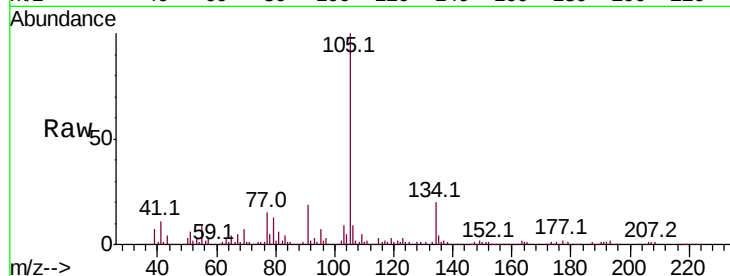
ClientSampleId :

Tot Ion:105 Resp: 276344

Ion Ratio Lower Upper

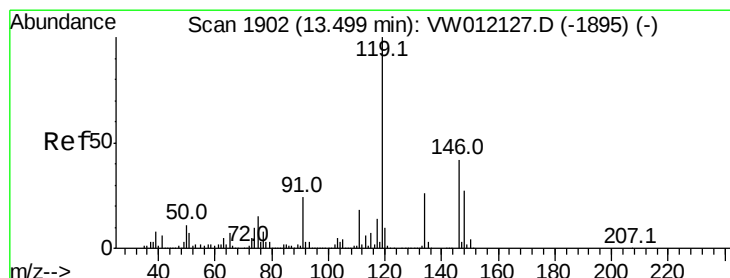
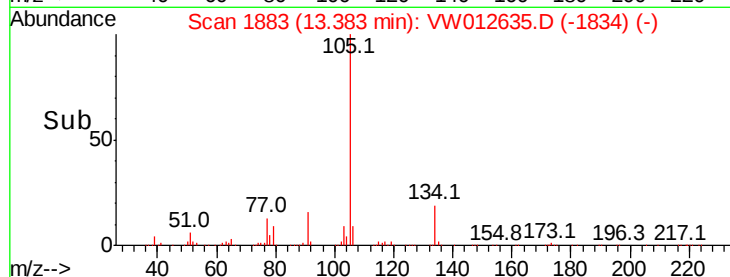
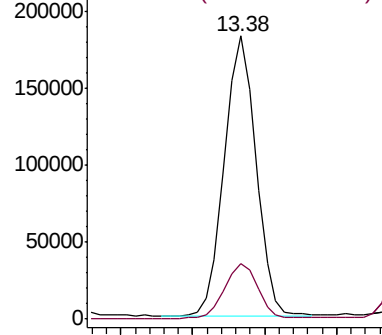
105 100

134 20.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.906 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

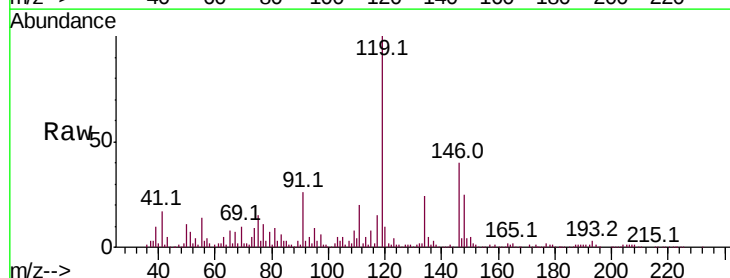
Tgt Ion:119 Resp: 250333

Ion Ratio Lower Upper

119 100

134 24.8 12.8 38.3

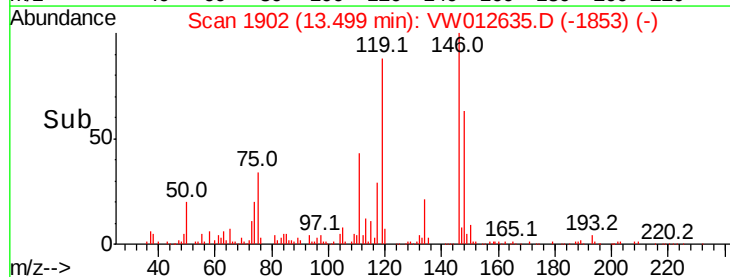
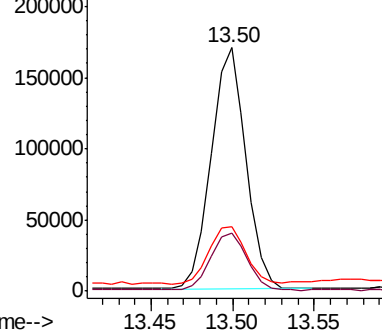
91 25.0 12.3 36.9

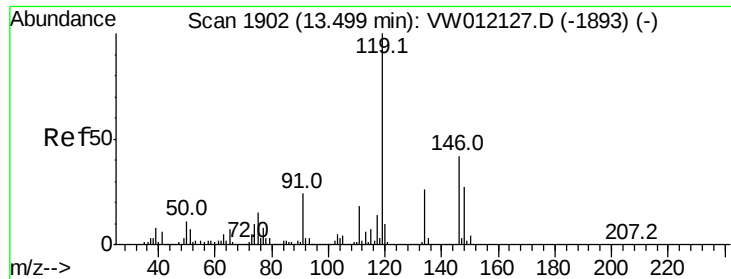


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.751 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

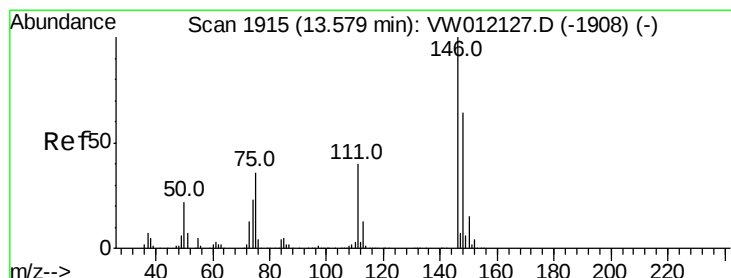
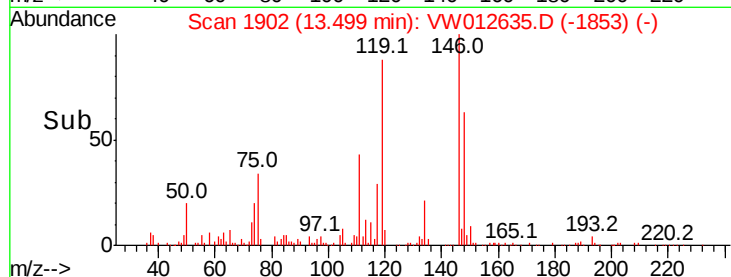
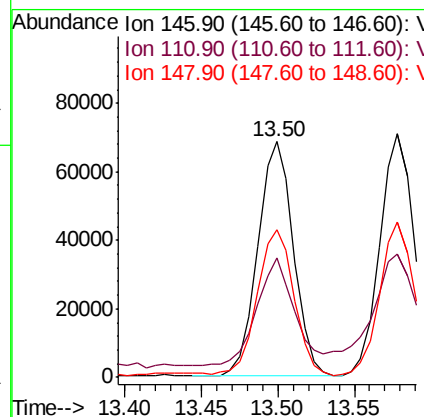
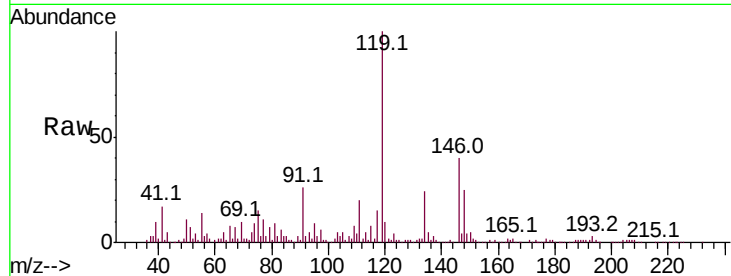
Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:146 Resp: 110800

Ion	Ratio	Lower	Upper
146	100		
111	48.7	20.9	62.7
148	64.1	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 20.899 ug/l

RT: 13.50 min Scan# 1902

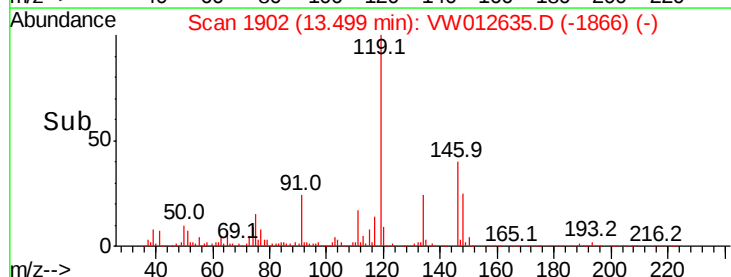
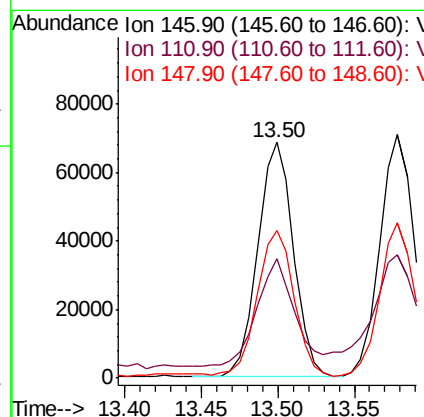
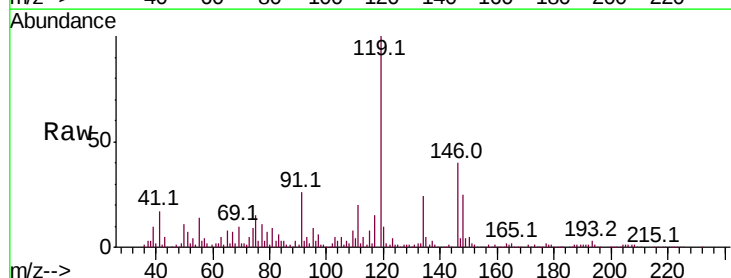
Delta R.T. -0.08 min

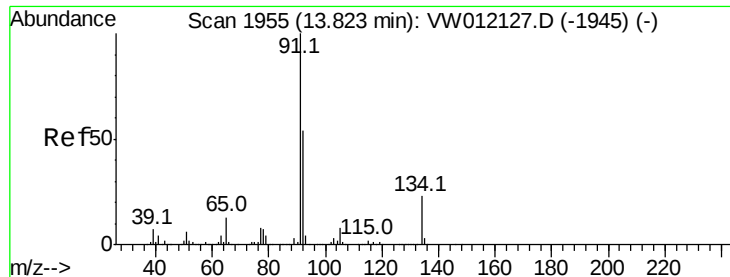
Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Tgt Ion:146 Resp: 110800

Ion	Ratio	Lower	Upper
146	100		
111	48.7	20.0	60.0
148	64.1	32.1	96.3





#89

n-Butylbenzene

Concen: 22.139 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

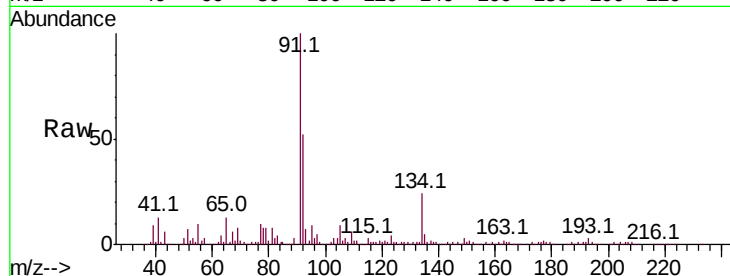
Tot Ion: 91 Resp: 251585

Ion Ratio Lower Upper

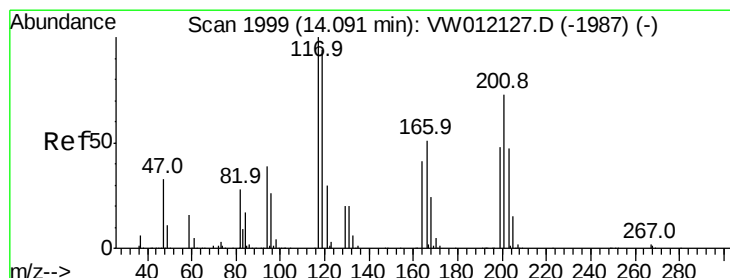
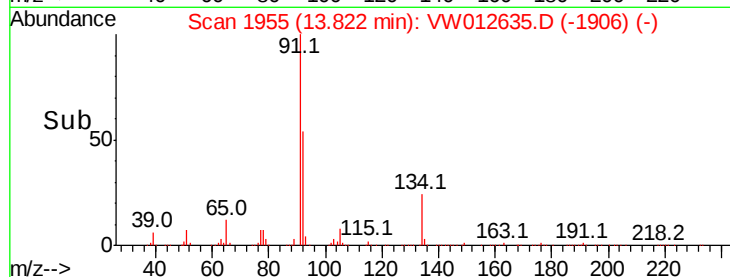
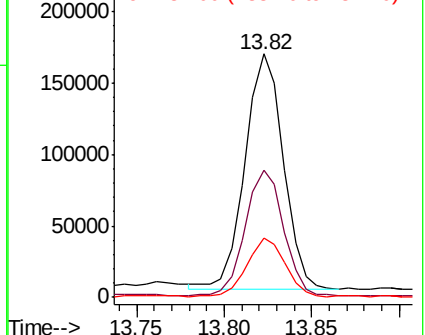
91 100

92 53.4 27.1 81.2

134 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.514 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012635.D

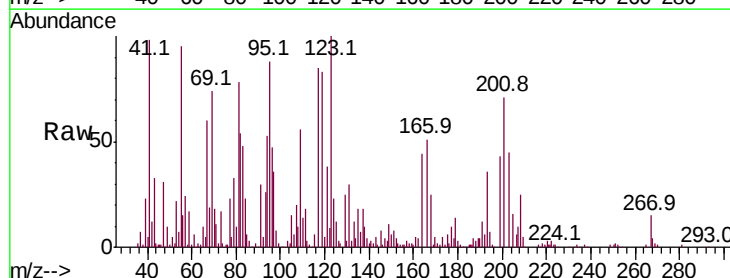
Acq: 05 Sep 2019 12:40

Tgt Ion: 117 Resp: 37119

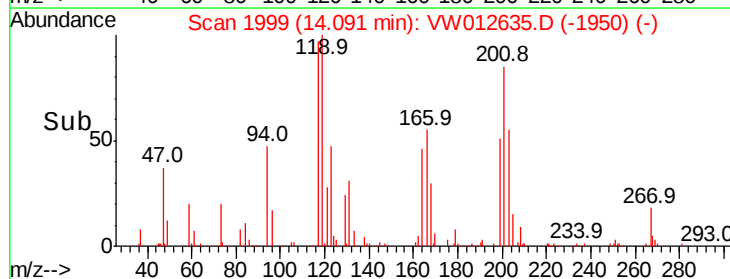
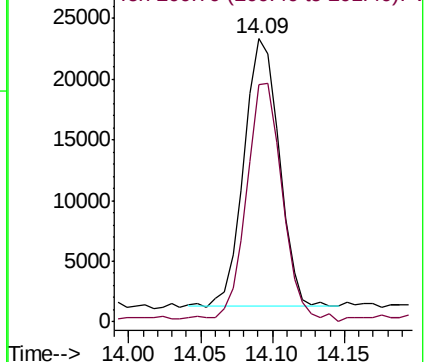
Ion Ratio Lower Upper

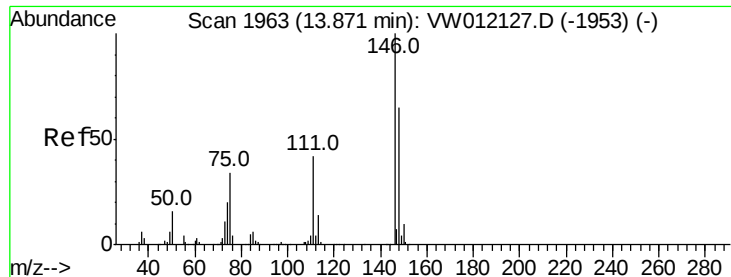
117 100

201 93.3 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.969 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

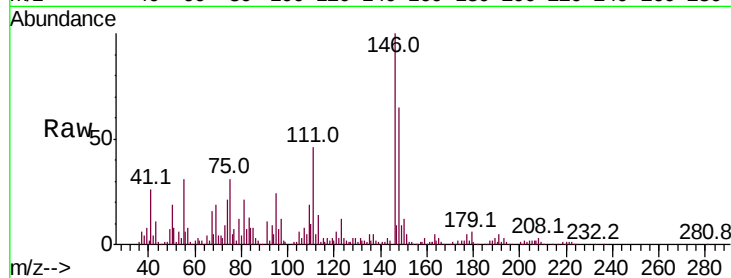
Tot Ion:146 Resp: 98219

Ion Ratio Lower Upper

146 100

111 42.7 21.2 63.6

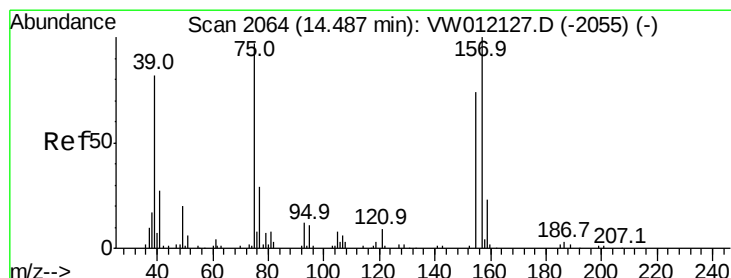
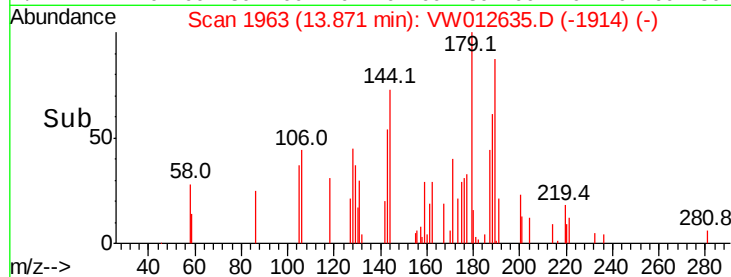
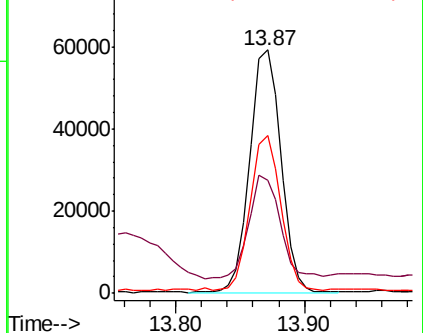
148 62.5 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.211 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW012635.D

Acq: 05 Sep 2019 12:40

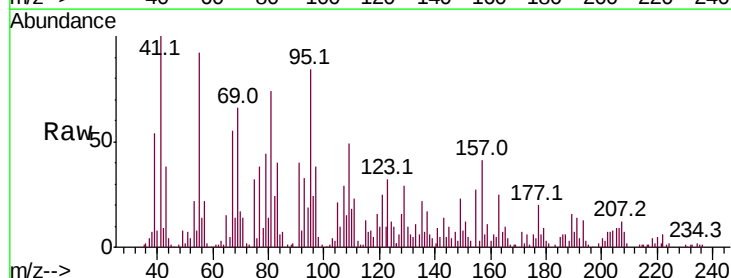
Tgt Ion: 75 Resp: 7882

Ion Ratio Lower Upper

75 100

155 84.4 37.5 112.3

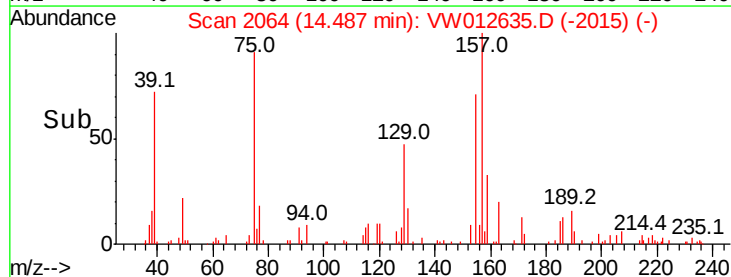
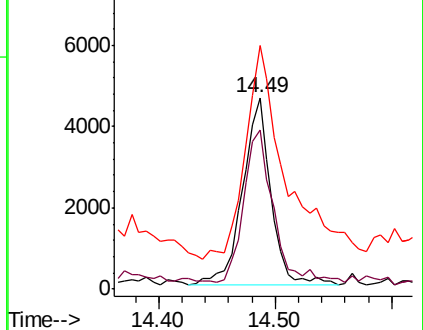
157 162.9 50.5 151.5#

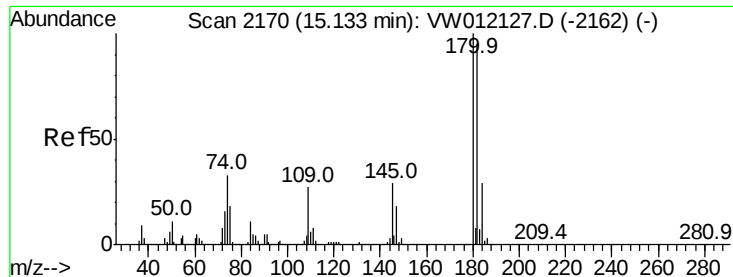


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

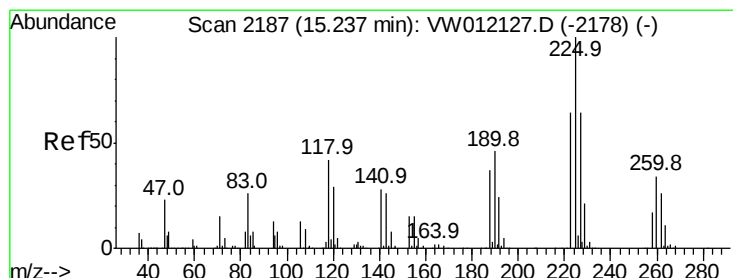
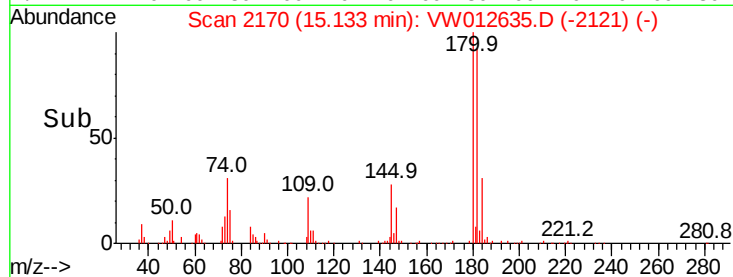
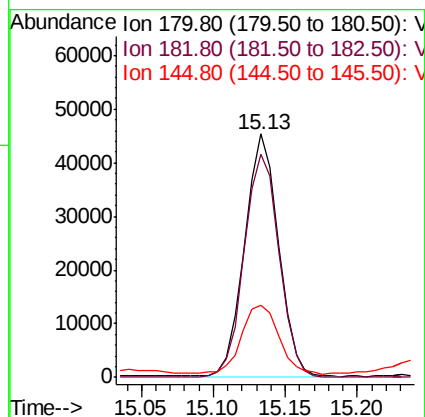
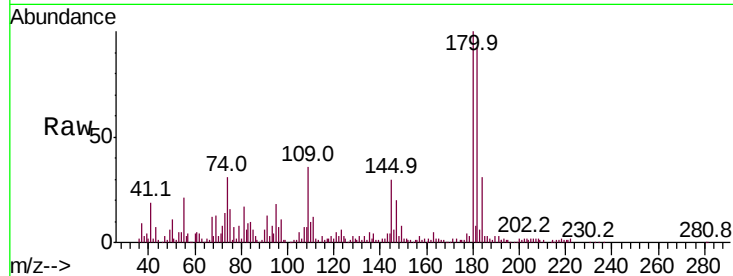




#93
 1,2,4-Trichlorobenzene
 Concen: 22.682 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012635.D
 Acq: 05 Sep 2019 12:40

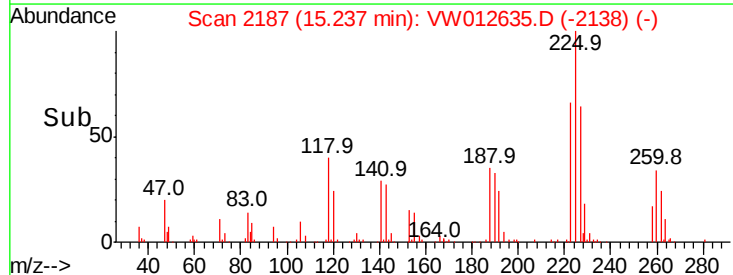
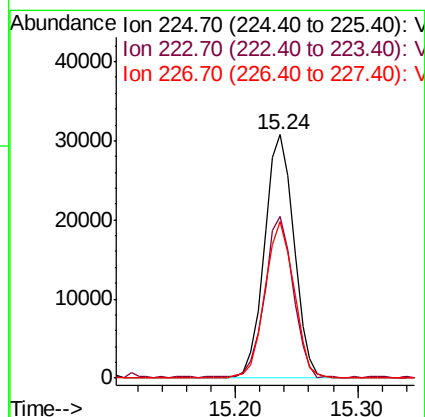
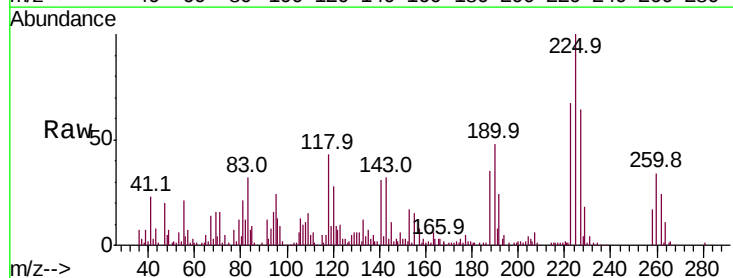
Instrument :
 MSVOA_W
 ClientSampleId :

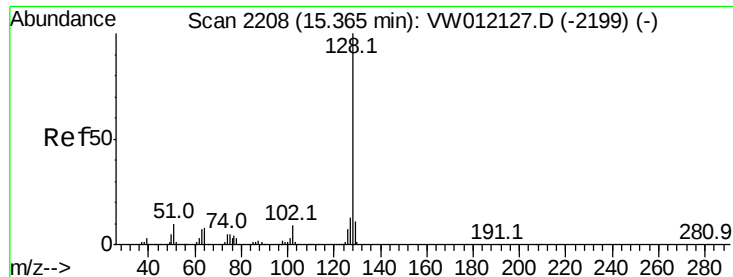
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	31.5	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 24.202 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012635.D
 Acq: 05 Sep 2019 12:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.3	96.8
227	63.6	32.9	98.6

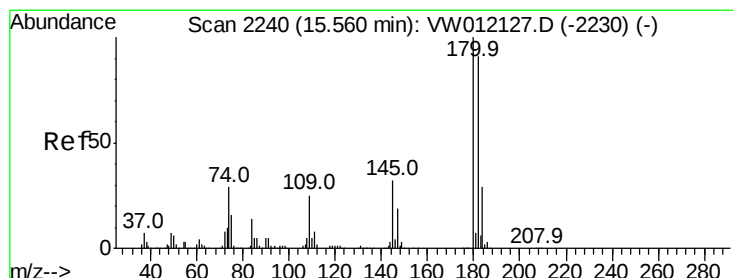
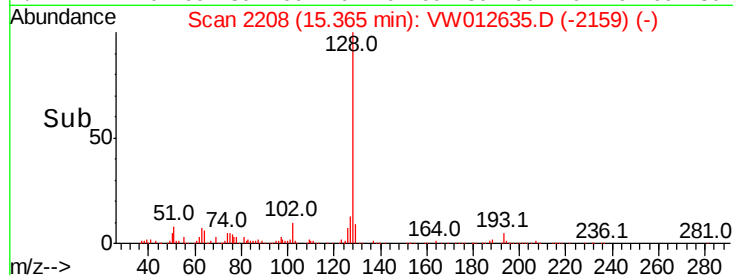
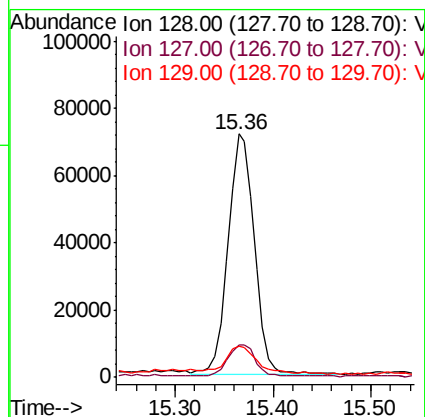
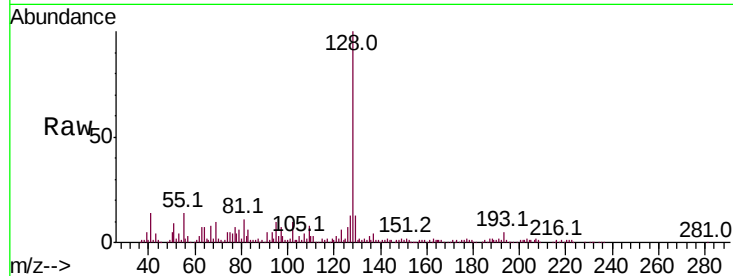




#95
Naphthalene
Concen: 23.384 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 132541
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 12.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.340 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012635.D
Acq: 05 Sep 2019 12:40

Tgt Ion:180 Resp: 63091
Ion Ratio Lower Upper
180 100
182 96.6 47.1 141.3
145 42.0 16.2 48.5

