

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008475.D
 Acq On : 01 Feb 2019 12:19
 Operator : SY/VA
 Sample : VW0201SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

Quant Time: Feb 02 00:38:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	416447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	623178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	541657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	272944	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	186668	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
35) Dibromofluoromethane	7.88	113	197719	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
50) Toluene-d8	10.32	98	767721	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.62	95	272399	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	32994	16.070	ug/l	98
3) Chloromethane	2.21	50	52071	15.318	ug/l	99
4) Vinyl Chloride	2.36	62	73700	17.031	ug/l	96
5) Bromomethane	2.79	94	57882	20.738	ug/l	94
6) Chloroethane	2.92	64	61789	23.348	ug/l	94
7) Trichlorofluoromethane	3.25	101	58212	18.730	ug/l	98
8) Diethyl Ether	3.67	74	34277	16.505	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	71878	19.083	ug/l	96
10) Methyl Iodide	4.26	142	111934	18.814	ug/l	99
11) Tert butyl alcohol	5.12	59	2438	7.402	ug/l #	70
12) 1,1-Dichloroethene	4.02	96	69649	18.272	ug/l	96
13) Acrolein	3.89	56	23641	84.172	ug/l	98
14) Allyl chloride	4.65	41	116620	16.112	ug/l	97
15) Acrylonitrile	5.37	53	63362	70.655	ug/l	98
16) Acetone	4.14	43	66975	72.899	ug/l	96
17) Carbon Disulfide	4.37	76	209436	17.203	ug/l	98
18) Methyl Acetate	4.67	43	32487	13.257	ug/l	91
19) Methyl tert-butyl Ether	5.42	73	103816	16.461	ug/l	96
20) Methylene Chloride	4.90	84	75019	17.716	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	76112	17.761	ug/l	99
22) Diisopropyl ether	6.31	45	216272	15.765	ug/l	96
23) Vinyl Acetate	6.25	43	596788	73.675	ug/l	99
24) 1,1-Dichloroethane	6.20	63	130812	16.846	ug/l	98
25) 2-Butanone	7.18	43	88302	69.196	ug/l	100
26) 2,2-Dichloropropane	7.16	77	97673	18.609	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	81851	17.525	ug/l	98
28) Bromochloromethane	7.51	49	60109	16.854	ug/l	91
29) Tetrahydrofuran	7.54	42	51608	63.818	ug/l	94
30) Chloroform	7.67	83	132649	17.368	ug/l	97
31) Cyclohexane	7.95	56	136044	16.944	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	119870	18.171	ug/l	98
36) 1,1-Dichloropropene	8.07	75	109896	18.669	ug/l	99
37) Ethyl Acetate	7.25	43	36195	13.898	ug/l #	95
38) Carbon Tetrachloride	8.06	117	116265	19.627	ug/l	96

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 VW0201SBS01

Quant Time: Feb 02 00:38:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	144463	18.681	ug/l	95
40) Benzene	8.32	78	295796	18.109	ug/l	98
41) Methacrylonitrile	7.48	41	23183	15.033	ug/l	95
42) 1,2-Dichloroethane	8.40	62	82756	17.482	ug/l	99
43) Isopropyl Acetate	8.42	43	79811	14.751	ug/l	96
44) Trichloroethene	9.09	130	84939	19.122	ug/l	97
45) 1,2-Dichloropropane	9.37	63	71734	17.613	ug/l	98
46) Dibromomethane	9.46	93	35836	17.107	ug/l	97
47) Bromodichloromethane	9.64	83	96707	17.454	ug/l	99
48) Methyl methacrylate	9.43	41	37462	14.160	ug/l	96
49) 1,4-Dioxane	9.48	88	10232	288.968	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	187168	70.020	ug/l	98
52) Toluene	10.38	92	195062	18.090	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	99377	16.855	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	115679	17.289	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	49870	17.163	ug/l	97
56) Ethyl methacrylate	10.65	69	61401	15.081	ug/l	96
57) 1,3-Dichloropropane	10.93	76	88552	17.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	166824	84.332	ug/l	97
59) 2-Hexanone	10.97	43	133059	70.511	ug/l	99
60) Dibromochloromethane	11.13	129	64533	17.283	ug/l	99
61) 1,2-Dibromoethane	11.23	107	47816	16.597	ug/l	99
64) Tetrachloroethene	10.86	164	74233	20.242	ug/l	98
65) Chlorobenzene	11.66	112	211628	19.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	73788	18.652	ug/l	98
67) Ethyl Benzene	11.73	91	379448	18.669	ug/l	98
68) m/p-Xylenes	11.84	106	294103	37.295	ug/l	97
69) o-Xylene	12.16	106	138502	18.485	ug/l	97
70) Styrene	12.18	104	219719	17.753	ug/l	98
71) Bromoform	12.35	173	36364	16.337	ug/l #	99
73) Isopropylbenzene	12.46	105	388708	19.103	ug/l	99
74) N-amyl acetate	12.27	43	75985	14.495	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	52810	16.393	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	74750	31.499	ug/l #	1
77) Bromobenzene	12.75	156	84619	19.041	ug/l	92
78) n-propylbenzene	12.80	91	457179	18.706	ug/l	98
79) 2-Chlorotoluene	12.89	91	253273	18.365	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	316520	18.610	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	17897	14.896	ug/l	94
82) 4-Chlorotoluene	12.99	91	262784	17.897	ug/l	97
83) tert-Butylbenzene	13.21	119	282225	18.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	321700	18.609	ug/l	98
85) sec-Butylbenzene	13.38	105	408659	18.906	ug/l	99
86) p-Isopropyltoluene	13.50	119	360596	19.045	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	170553	19.003	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	168609	18.904	ug/l	99
89) n-Butylbenzene	13.83	91	342566	18.427	ug/l	99
90) Hexachloroethane	14.10	117	70154	18.947	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	146510	18.449	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9339	15.278	ug/l	97

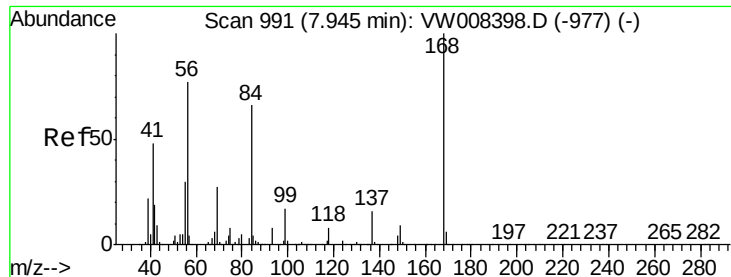
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	109529	19.328	ug/l	99
94) Hexachlorobutadiene	15.24	225	70482	20.638	ug/l	99
95) Naphthalene	15.37	128	172545	17.341	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	92401	19.222	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

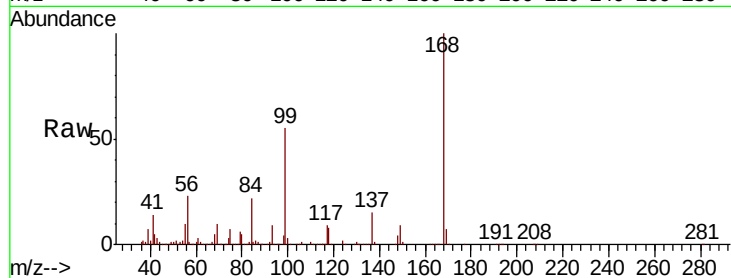
VW0201SBS01

Tgt Ion:168 Resp: 416447

Ion Ratio Lower Upper

168 100

99 54.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

200000

150000

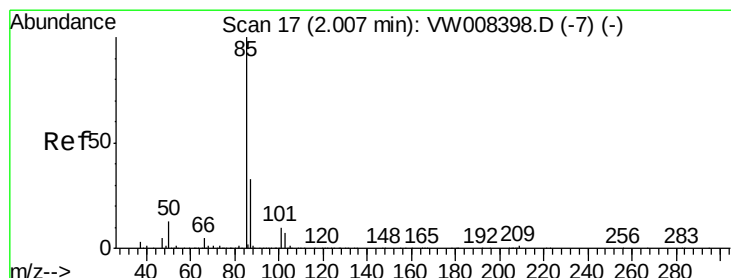
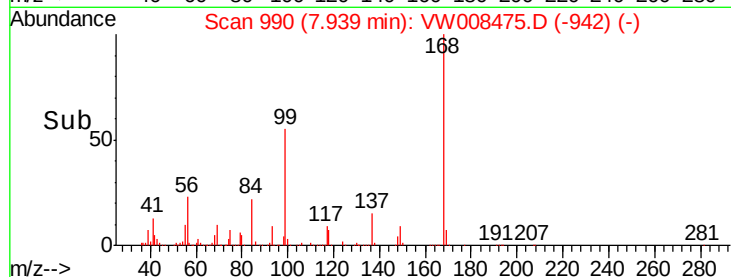
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.070 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008475.D

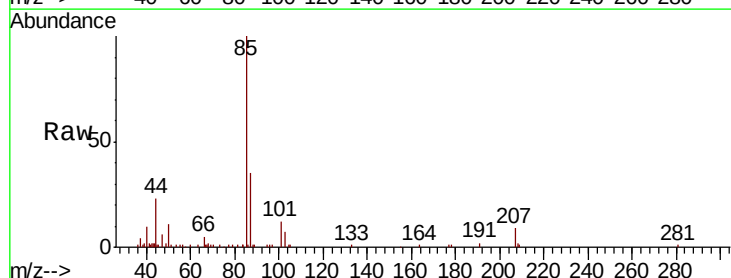
Acq: 01 Feb 2019 12:19

Tgt Ion: 85 Resp: 32994

Ion Ratio Lower Upper

85 100

87 34.3 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

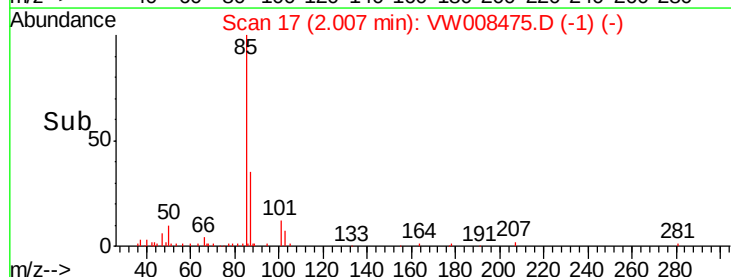
4000

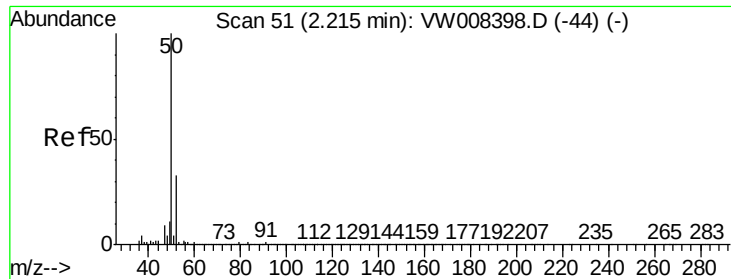
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 15.318 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

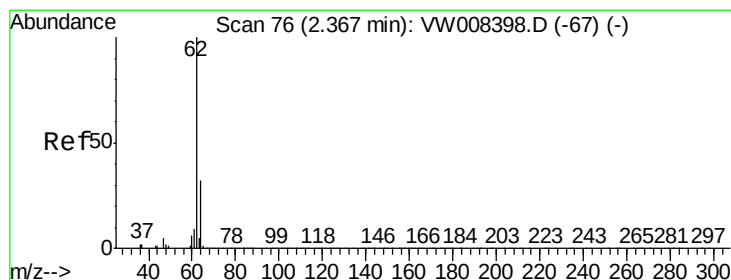
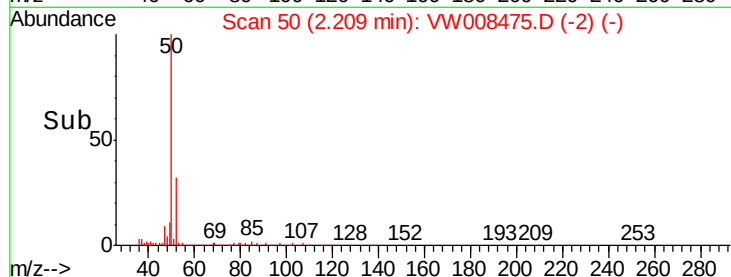
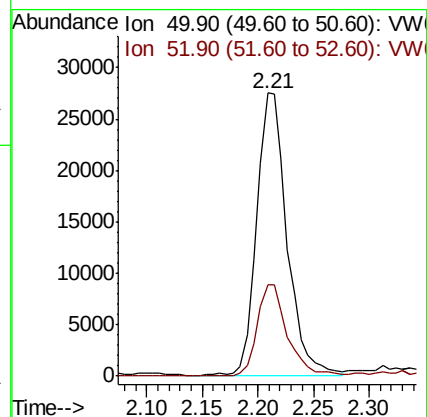
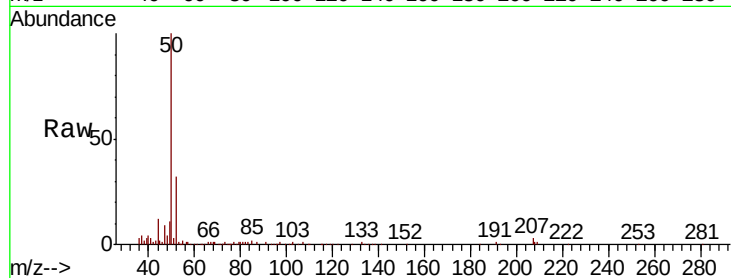
VW0201SBS01

Tgt Ion: 50 Resp: 52071

Ion Ratio Lower Upper

50 100

52 32.5 26.3 39.5



#4

Vinyl Chloride

Concen: 17.031 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008475.D

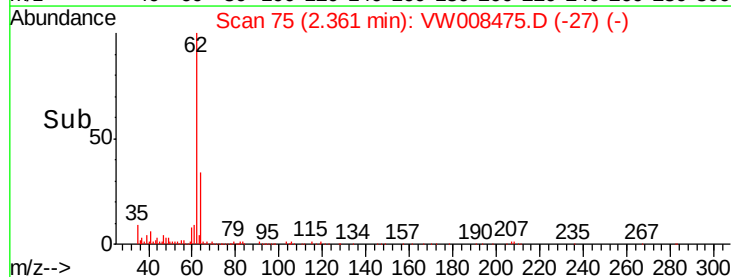
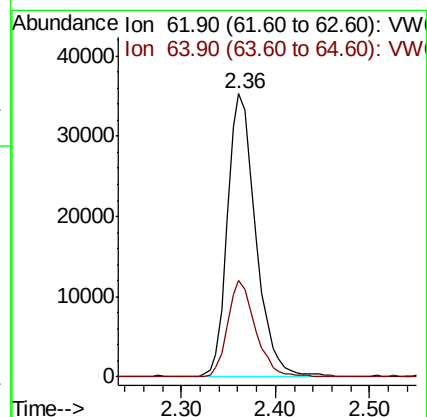
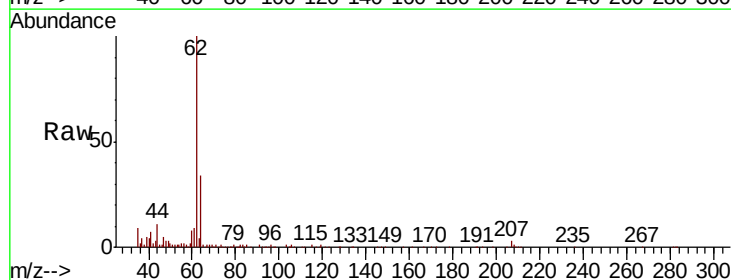
Acq: 01 Feb 2019 12:19

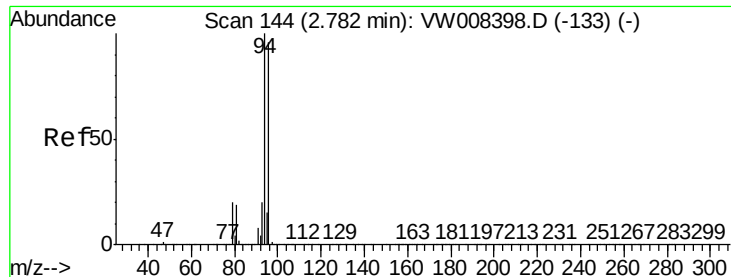
Tgt Ion: 62 Resp: 73700

Ion Ratio Lower Upper

62 100

64 34.1 25.5 38.3





#5

Bromomethane

Concen: 20.738 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

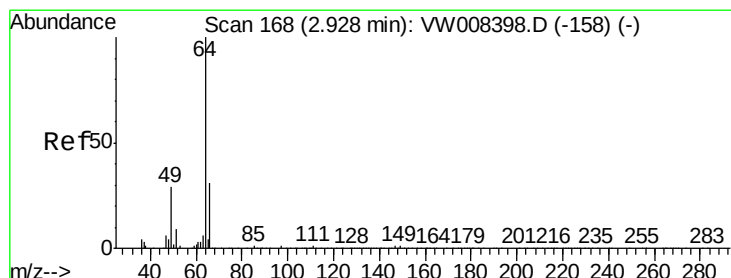
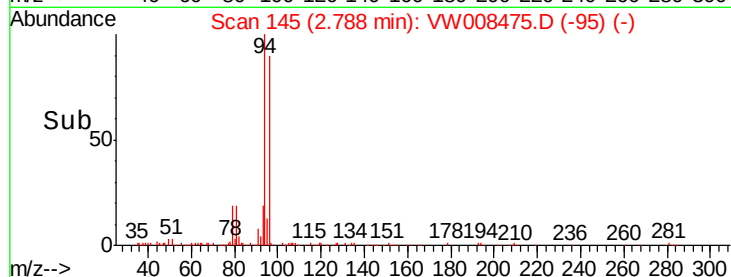
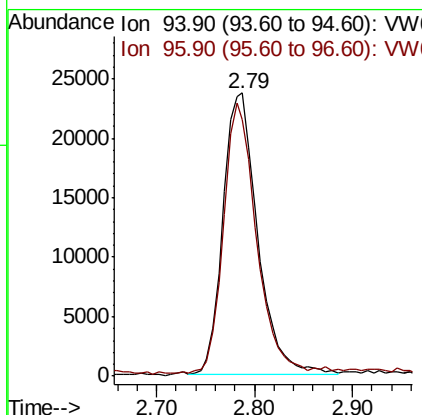
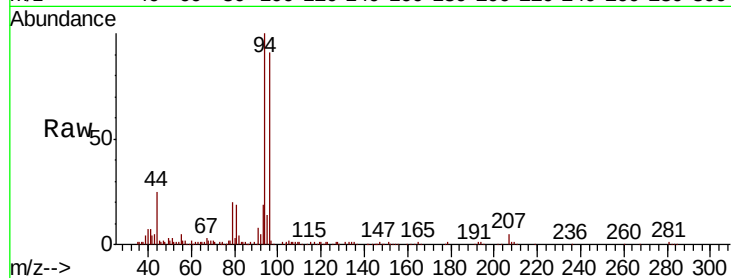
VW0201SBS01

Tgt Ion: 94 Resp: 57882

Ion Ratio Lower Upper

94 100

96 90.2 77.2 115.8



#6

Chloroethane

Concen: 23.348 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008475.D

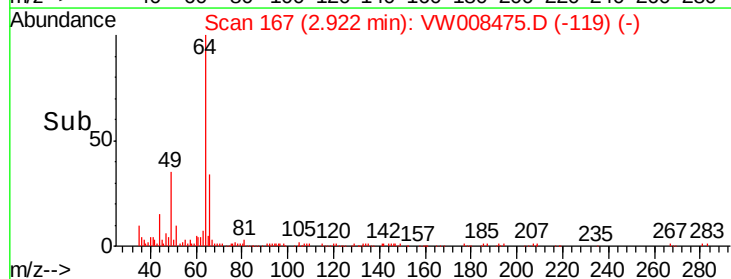
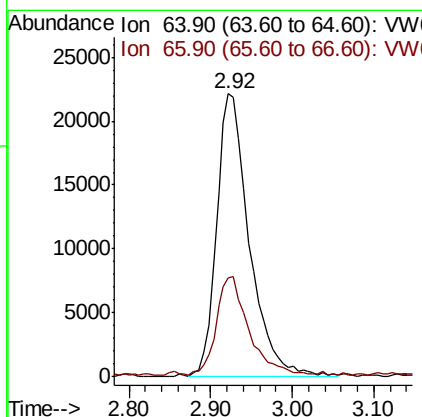
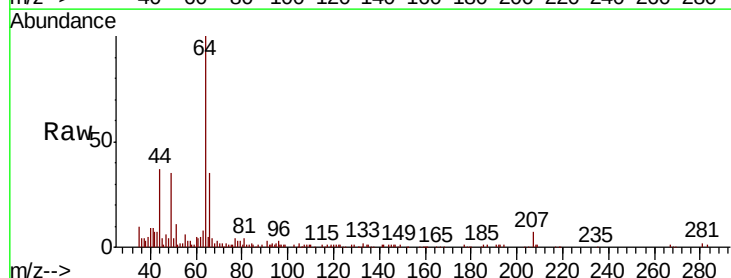
Acq: 01 Feb 2019 12:19

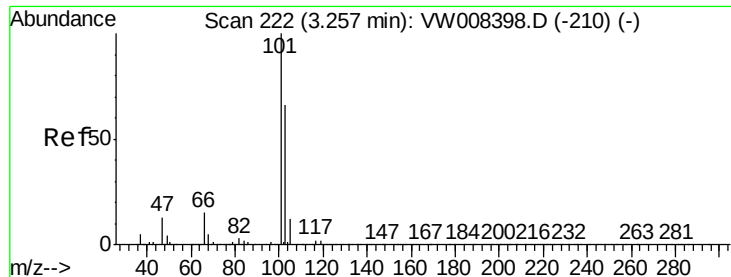
Tgt Ion: 64 Resp: 61789

Ion Ratio Lower Upper

64 100

66 34.5 24.9 37.3



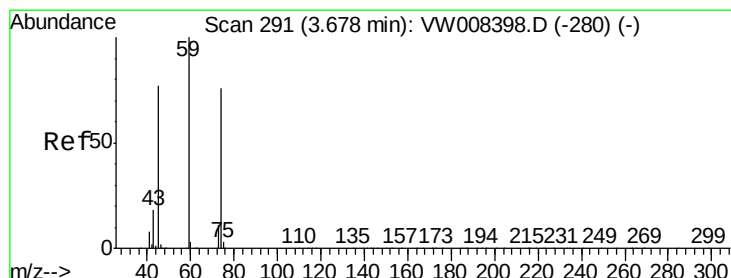
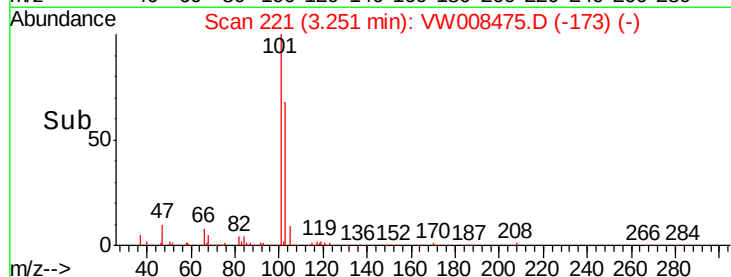
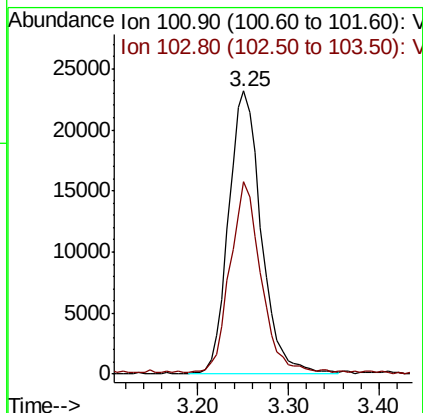
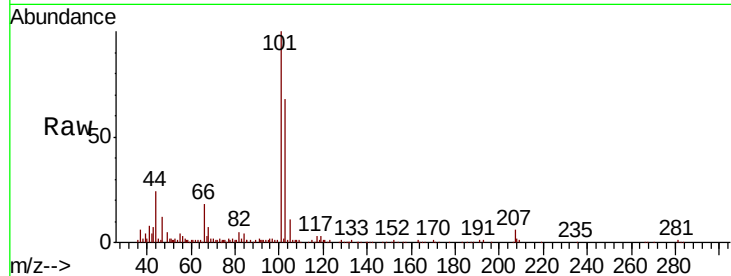


#7

Trichlorofluoromethane
Concen: 18.730 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

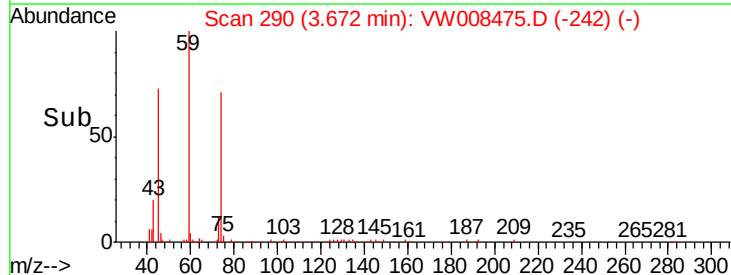
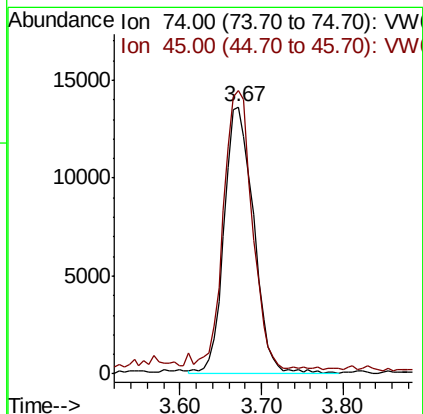
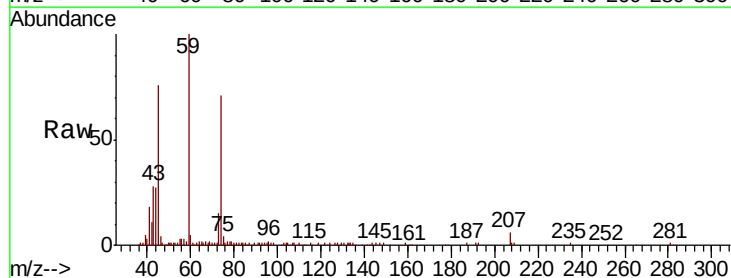
Tgt Ion:101 Resp: 58212
Ion Ratio Lower Upper
101 100
103 67.4 52.5 78.7

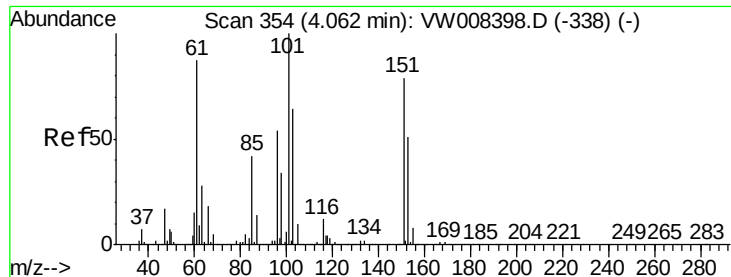


#8

Diethyl Ether
Concen: 16.505 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 74 Resp: 34277
Ion Ratio Lower Upper
74 100
45 100.4 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.083 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

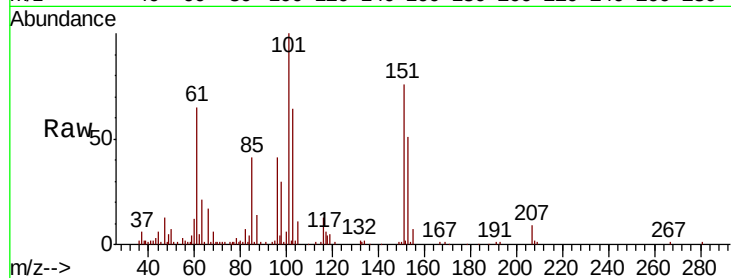
Tgt Ion:101 Resp: 71878

Ion Ratio Lower Upper

101 100

85 45.2 35.0 52.4

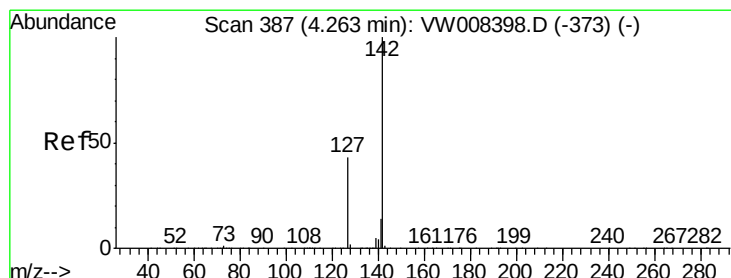
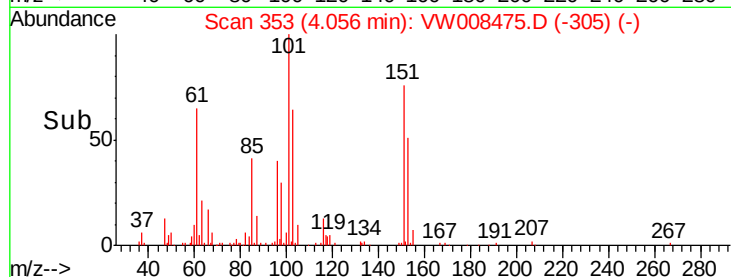
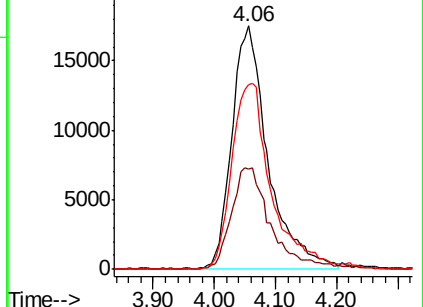
151 82.3 62.6 94.0



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: 18.814 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

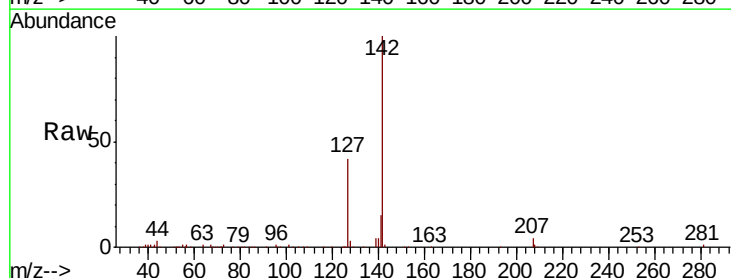
Tgt Ion:142 Resp: 111934

Ion Ratio Lower Upper

142 100

127 42.7 34.6 52.0

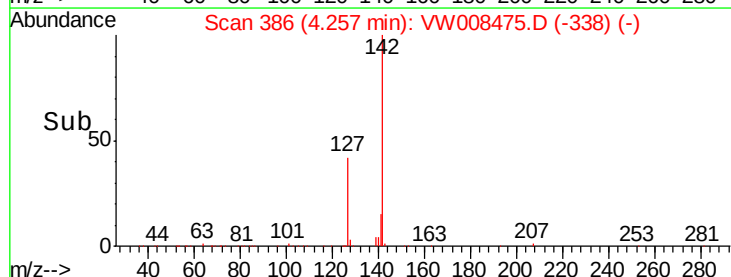
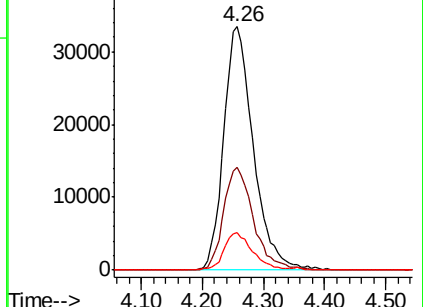
141 14.8 11.4 17.2

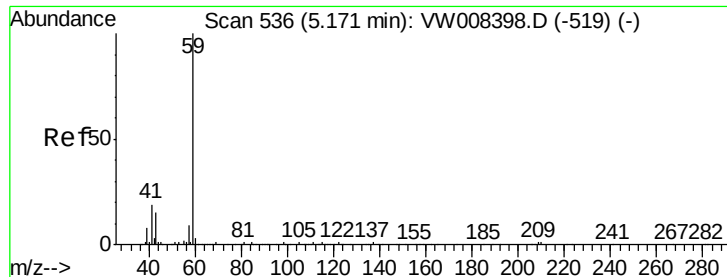


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

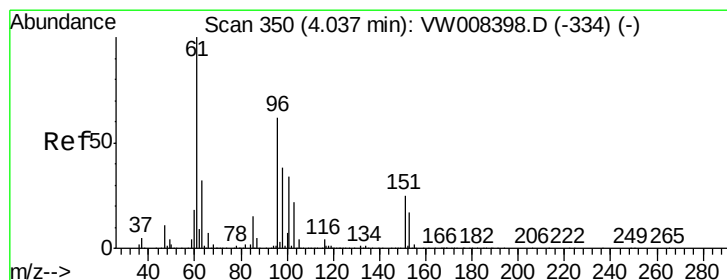
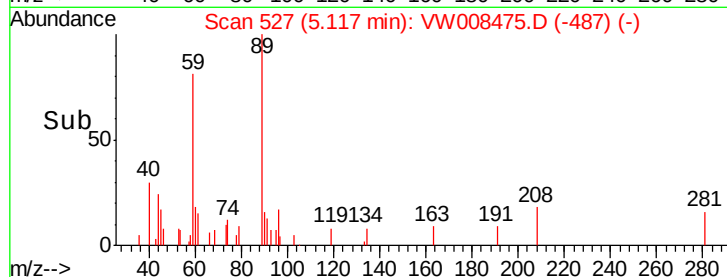
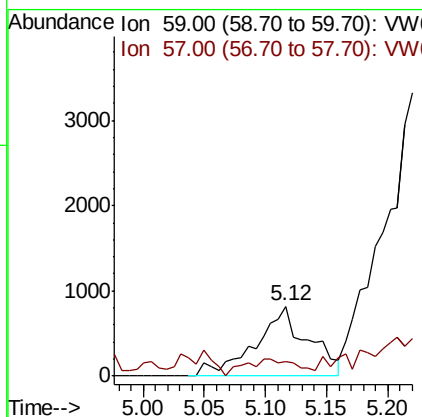
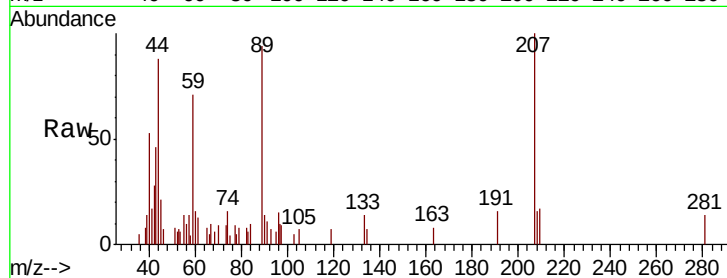




#11
Tert butyl alcohol
Concen: 7.402 ug/l
RT: 5.12 min Scan# 527
Delta R.T. -0.05 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

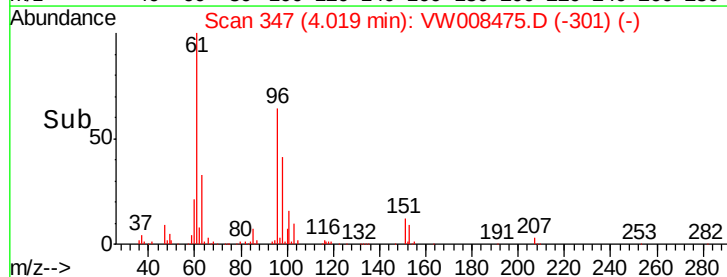
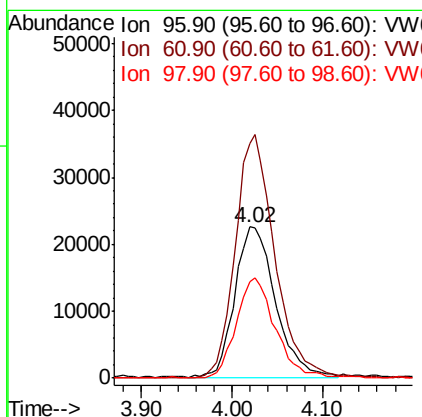
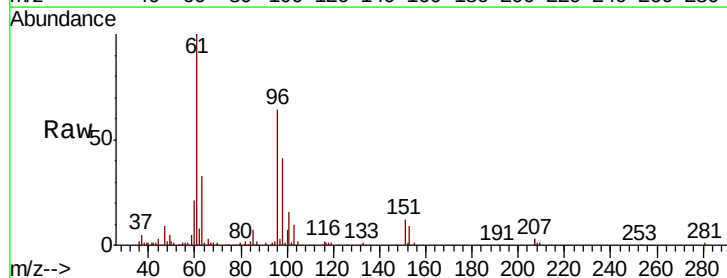
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

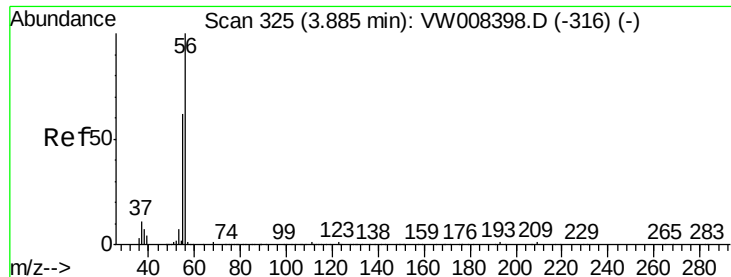
Tgt Ion: 59 Resp: 2438
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 18.272 ug/l
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 96 Resp: 69649
Ion Ratio Lower Upper
96 100
61 156.3 129.5 194.3
98 63.7 48.6 73.0

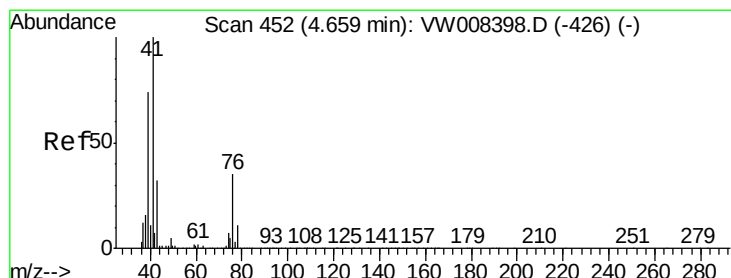
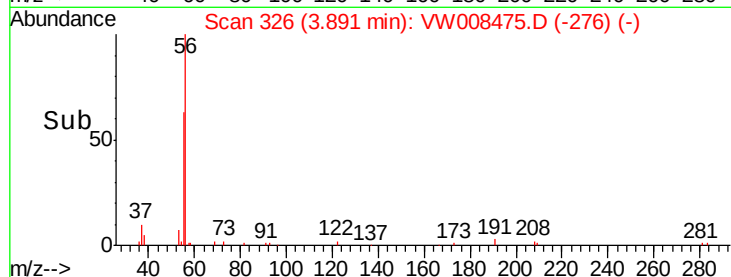
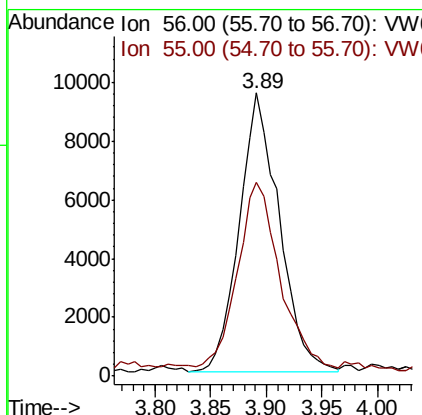
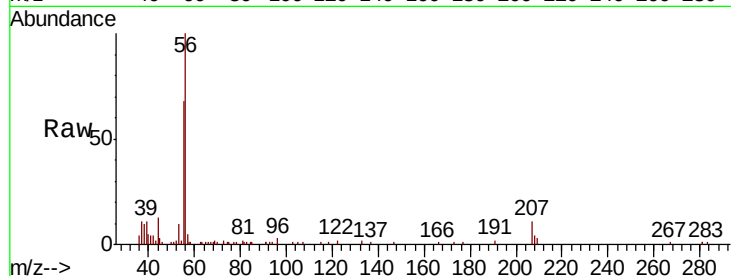




#13
Acrolein
Concen: 84.172 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

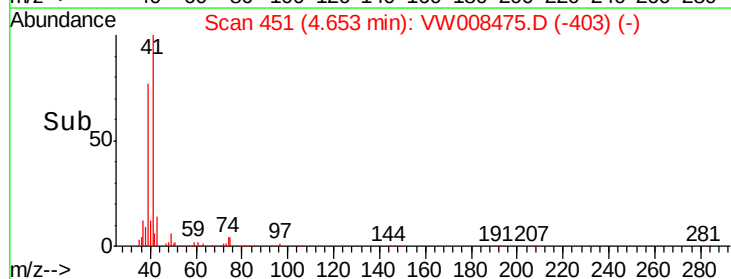
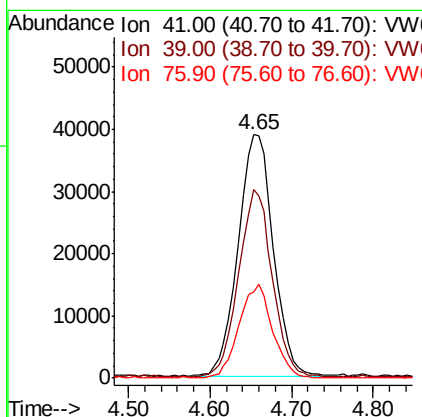
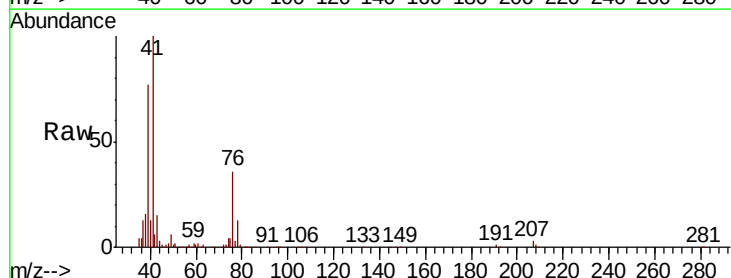
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

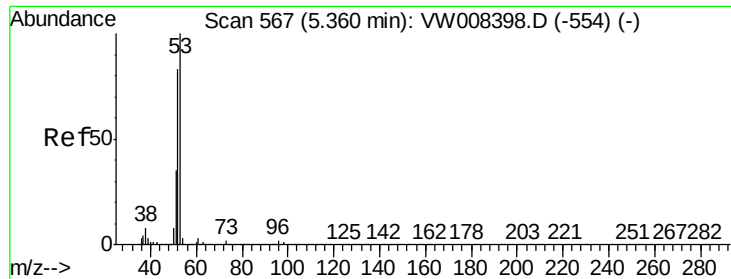
Tgt Ion: 56 Resp: 23641
Ion Ratio Lower Upper
56 100
55 69.7 56.7 85.1



#14
Allyl chloride
Concen: 16.112 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 41 Resp: 116620
Ion Ratio Lower Upper
41 100
39 74.1 57.7 86.5
76 36.9 26.9 40.3





#15

Acrylonitrile

Concen: 70.655 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

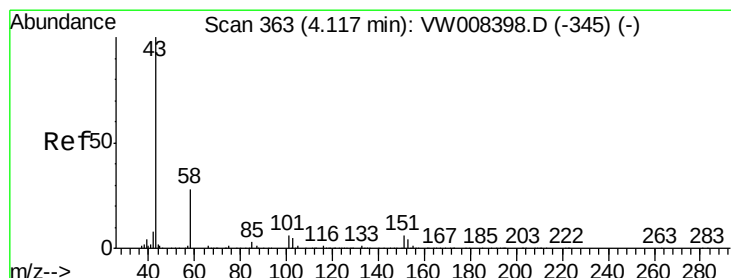
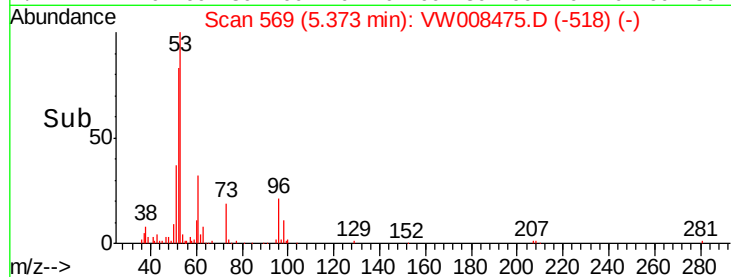
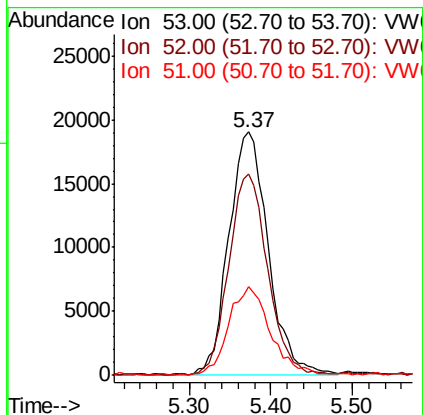
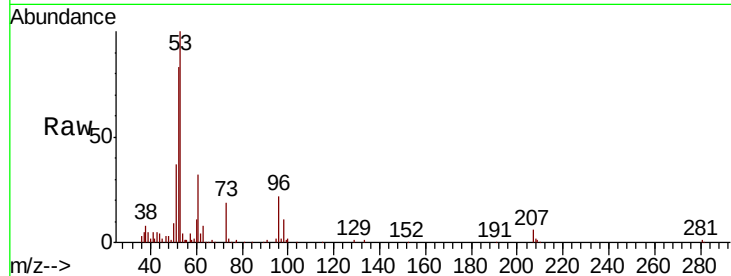
Tgt Ion: 53 Resp: 63362

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

51 38.6 29.8 44.8



#16

Acetone

Concen: 72.899 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW008475.D

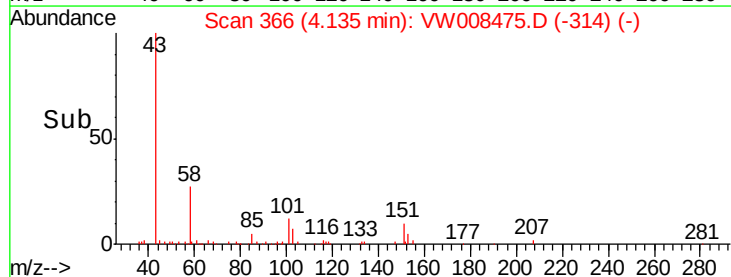
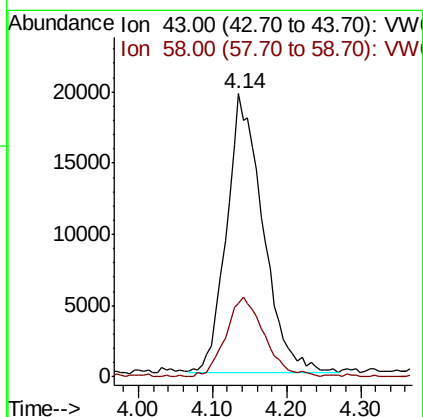
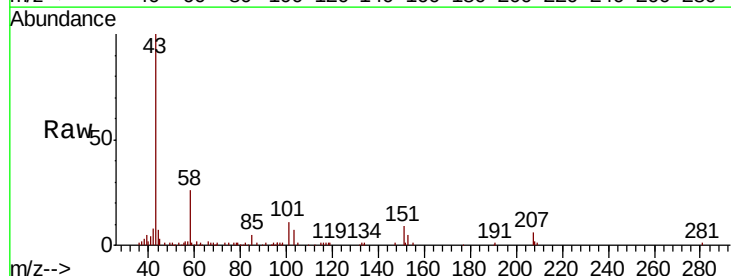
Acq: 01 Feb 2019 12:19

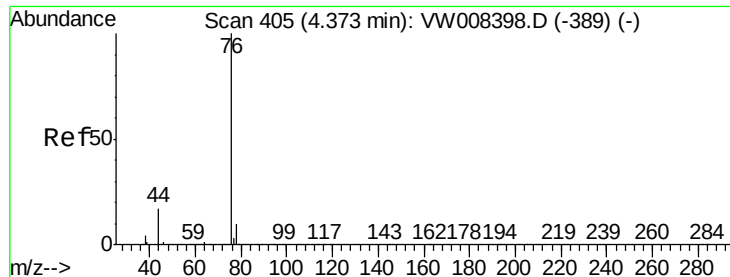
Tgt Ion: 43 Resp: 66975

Ion Ratio Lower Upper

43 100

58 26.4 22.6 34.0

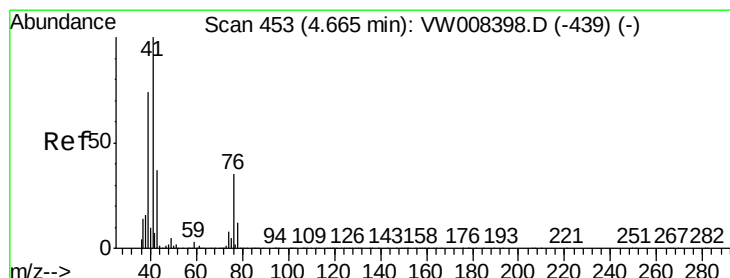
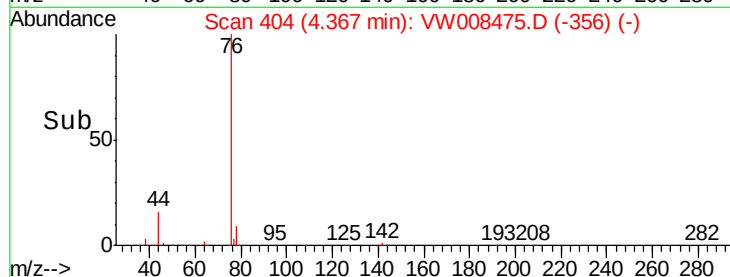
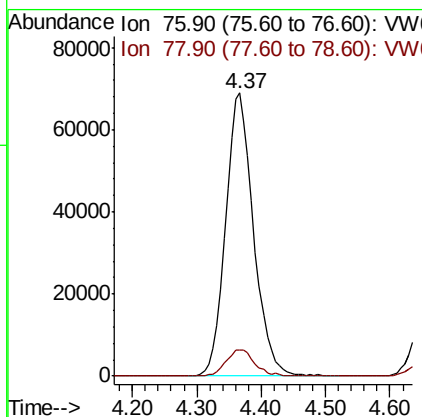
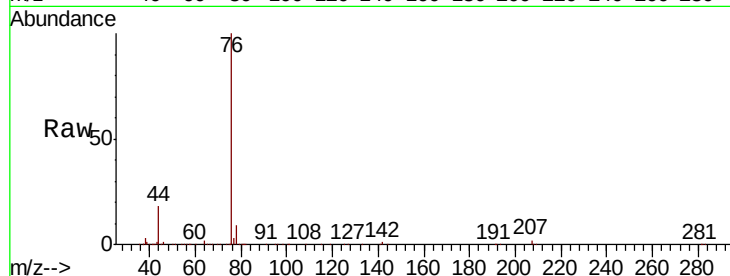




#17
Carbon Disulfide
Concen: 17.203 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

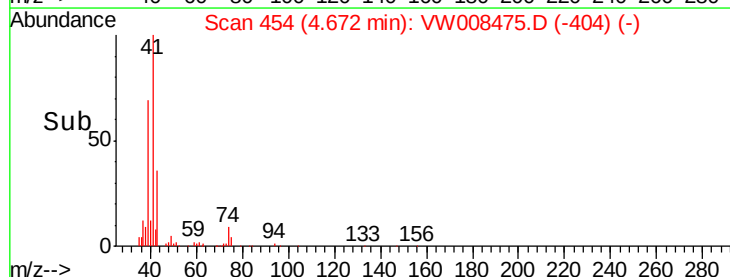
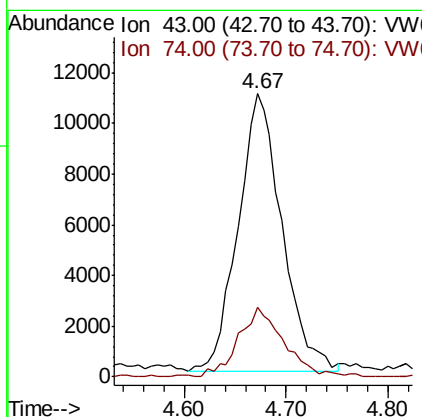
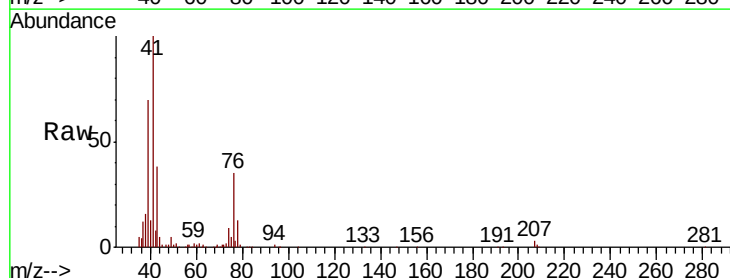
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

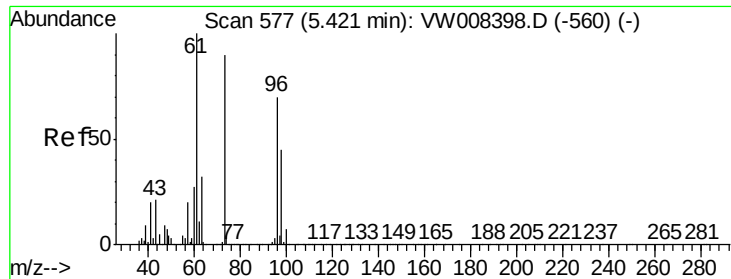
Tgt Ion: 76 Resp: 209436
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 13.257 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 43 Resp: 32487
Ion Ratio Lower Upper
43 100
74 26.1 17.5 26.3



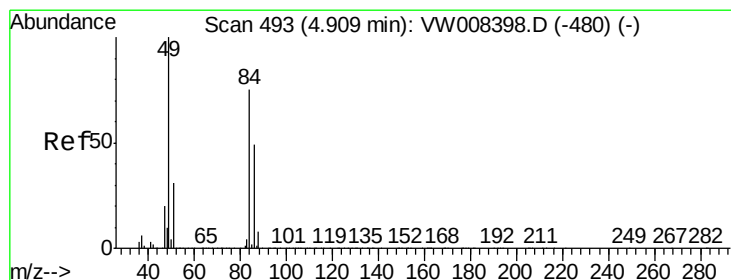
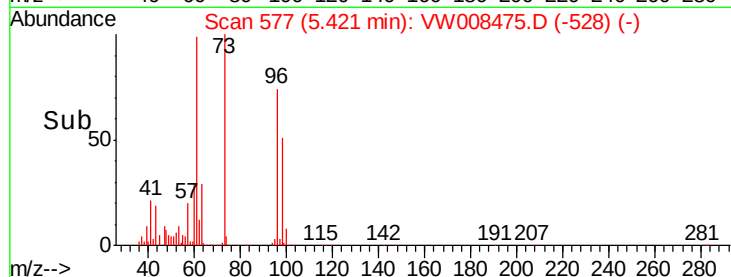
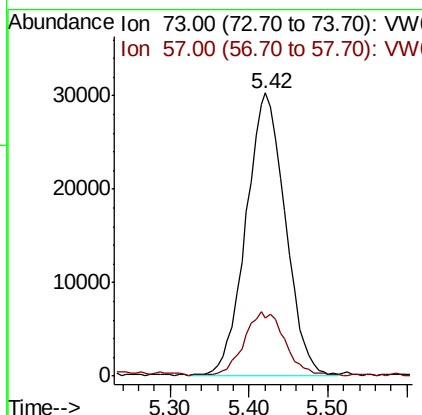
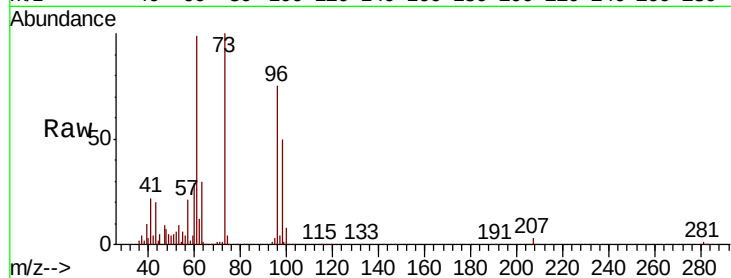


#19

Methyl tert-butyl Ether
 Concen: 16.461 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

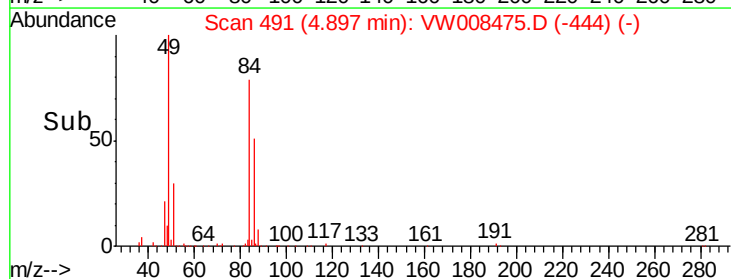
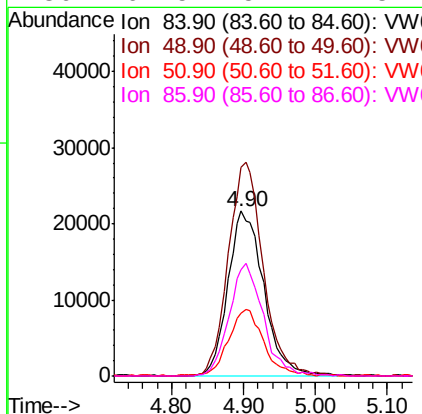
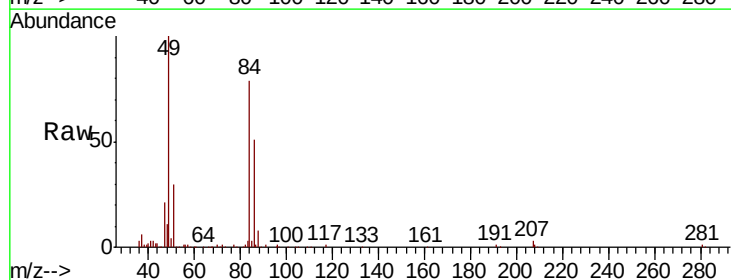
Tgt Ion: 73 Resp: 103816
 Ion Ratio Lower Upper
 73 100
 57 20.4 18.0 27.0

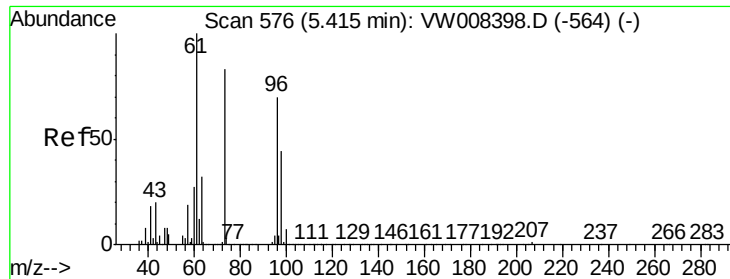


#20

Methylene Chloride
 Concen: 17.716 ug/l
 RT: 4.90 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion: 84 Resp: 75019
 Ion Ratio Lower Upper
 84 100
 49 126.2 106.8 160.2
 51 38.3 32.9 49.3
 86 64.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.761 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

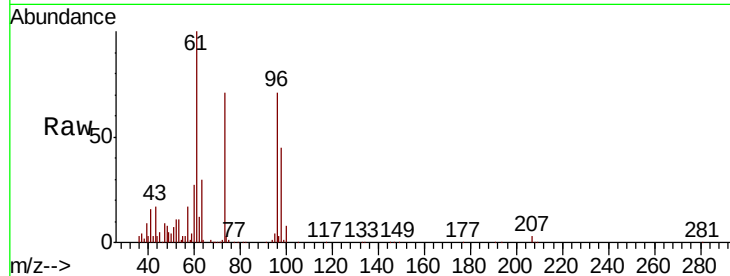
Tgt Ion: 96 Resp: 76112

Ion Ratio Lower Upper

96 100

61 141.4 114.4 171.6

98 63.3 50.6 75.8

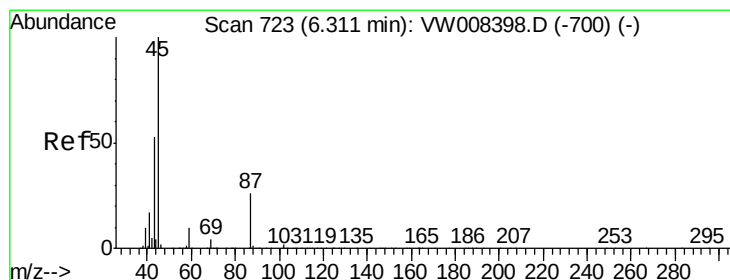
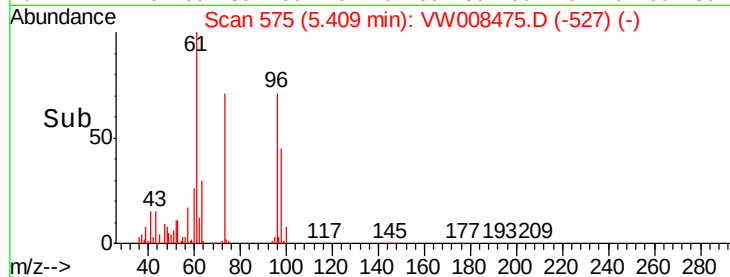
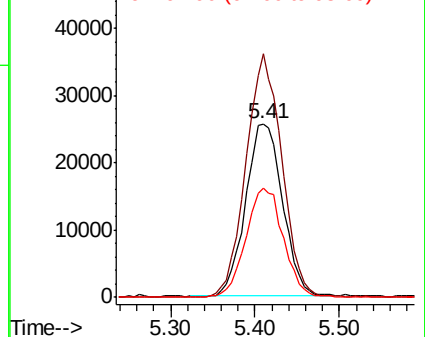


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 15.765 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Tgt Ion: 45 Resp: 216272

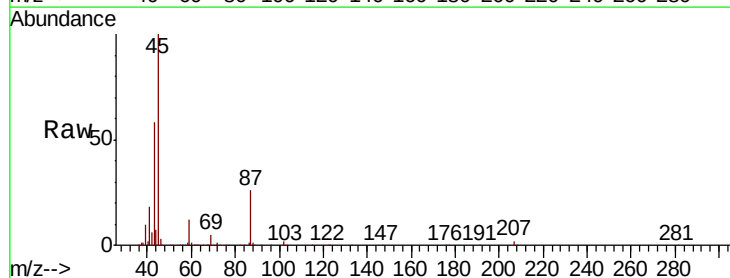
Ion Ratio Lower Upper

45 100

43 57.4 42.6 63.8

87 26.2 20.3 30.5

59 11.8 8.4 12.6



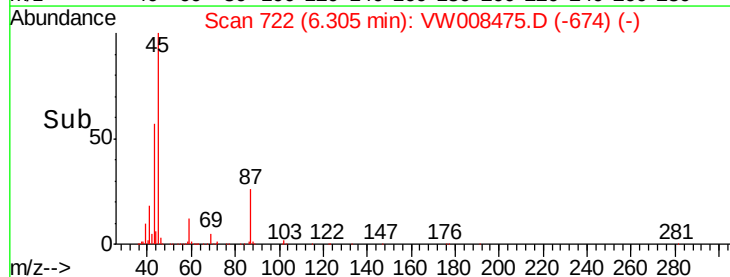
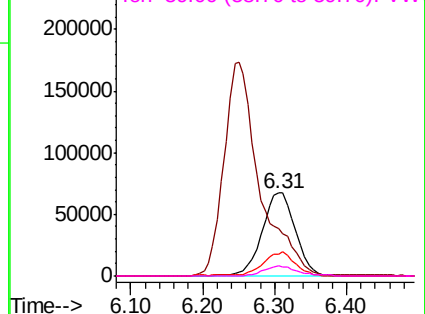
Abundance

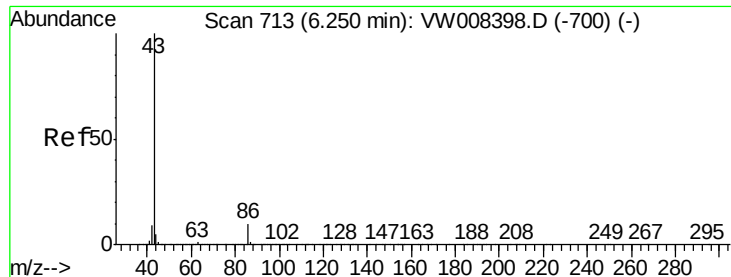
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 73.675 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

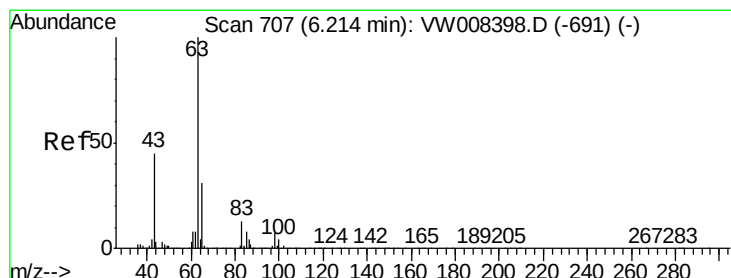
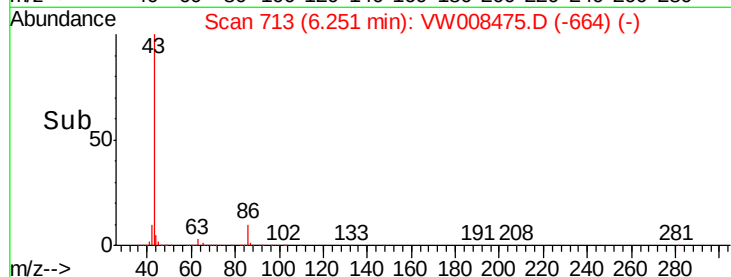
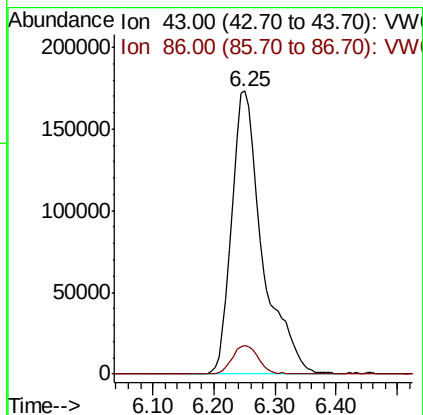
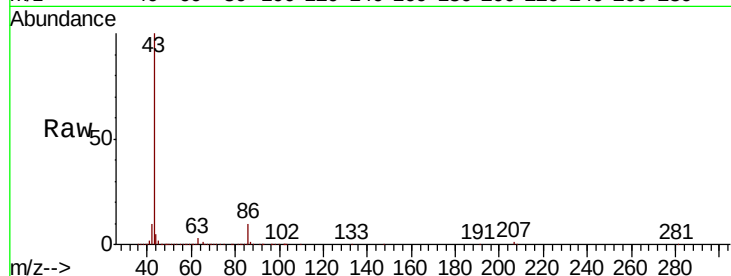
VW0201SBS01

Tgt Ion: 43 Resp: 596788

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



#24

1,1-Dichloroethane

Concen: 16.846 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

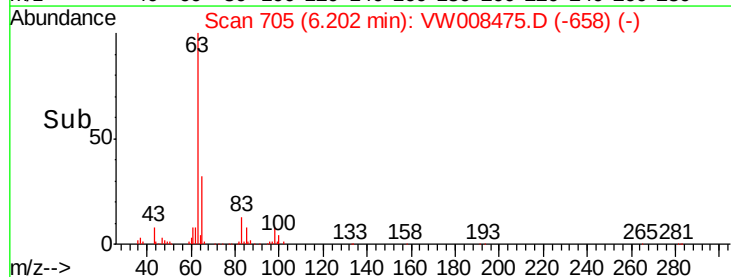
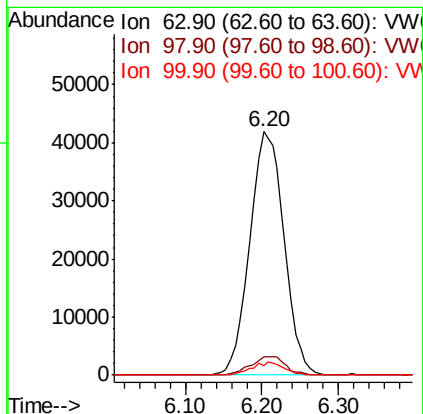
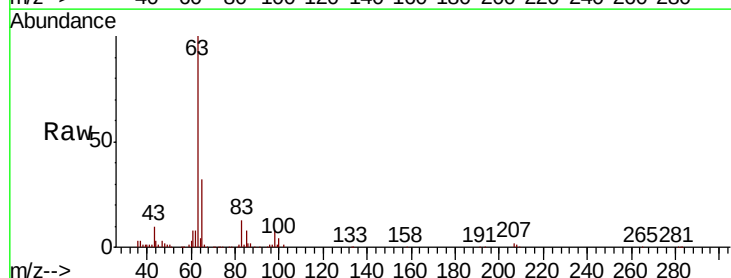
Tgt Ion: 63 Resp: 130812

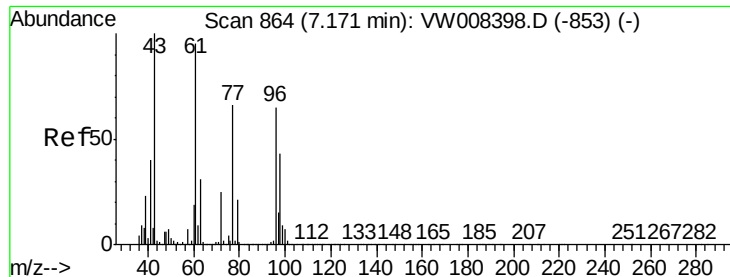
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 69.196 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampled :

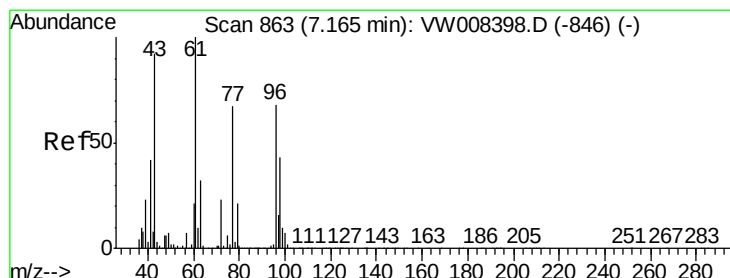
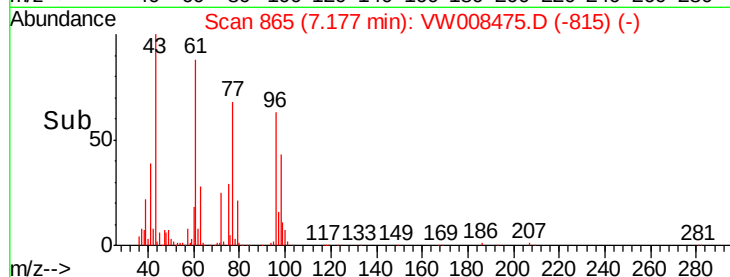
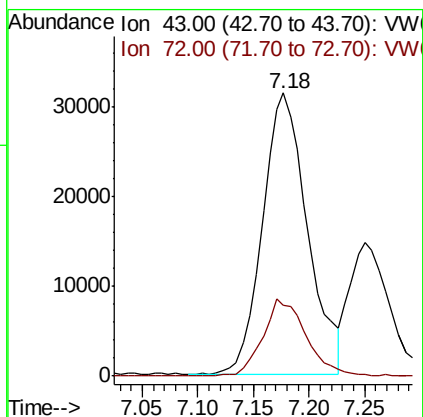
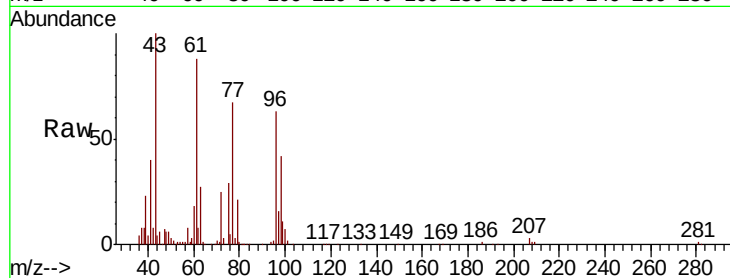
VW0201SBS01

Tgt Ion: 43 Resp: 88302

Ion Ratio Lower Upper

43 100

72 25.0 20.1 30.1



#26

2,2-Dichloropropane

Concen: 18.609 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008475.D

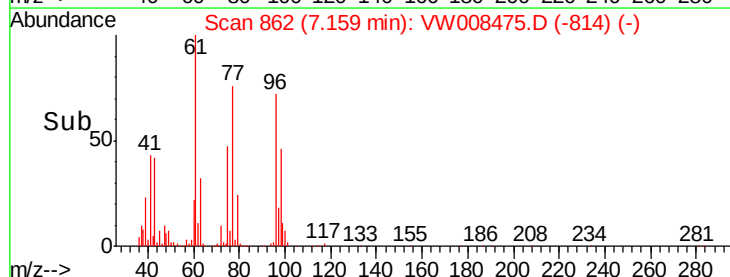
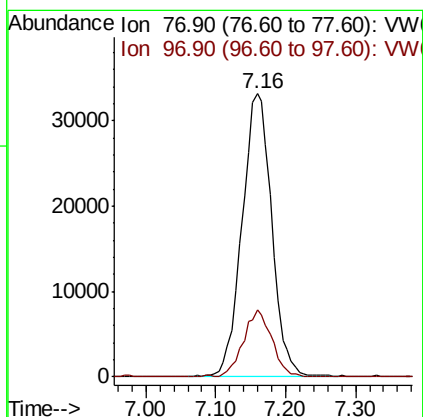
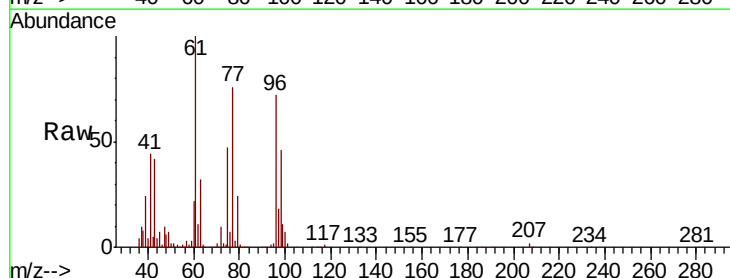
Acq: 01 Feb 2019 12:19

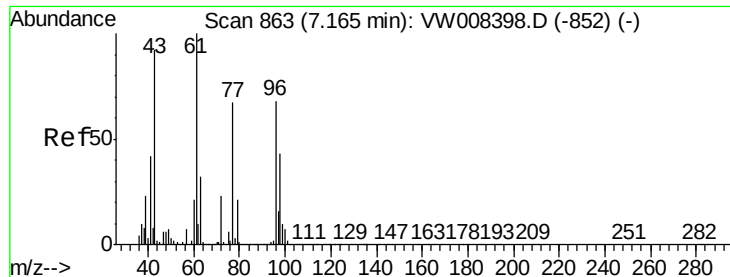
Tgt Ion: 77 Resp: 97673

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



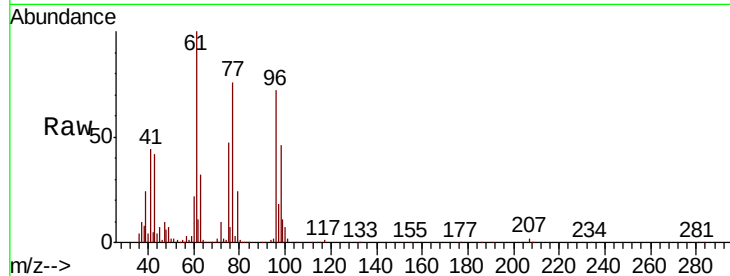


#27

cis-1,2-Dichloroethene
 Concen: 17.525 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	292.8
98	65.5	0.0	129.2

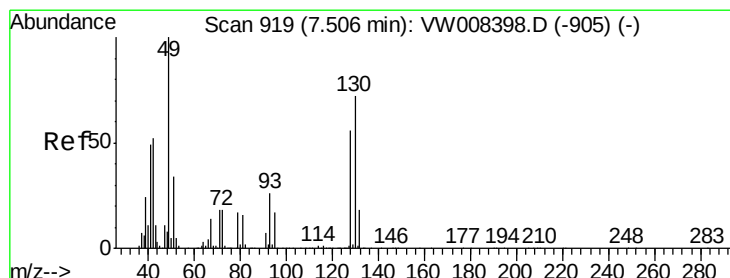
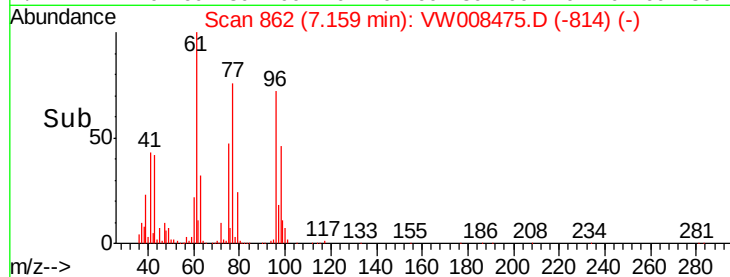
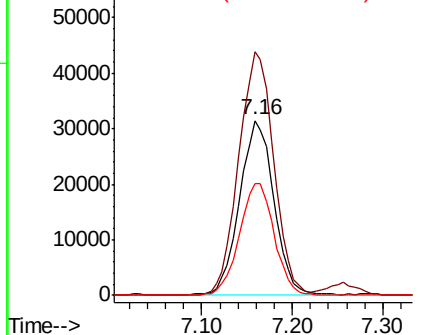


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

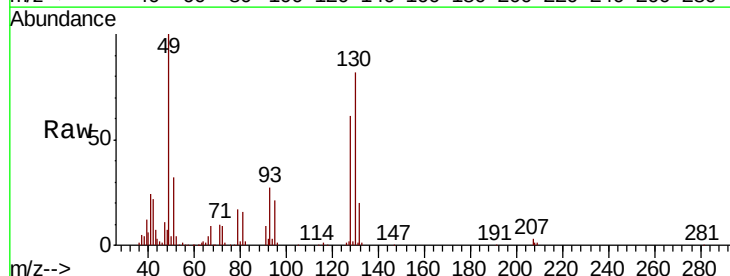
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
 Concen: 16.854 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.6
130	81.2	58.6	87.8

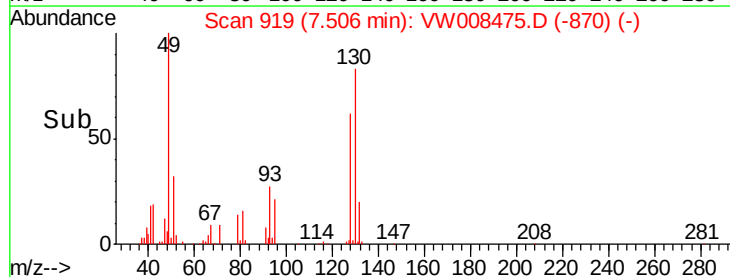
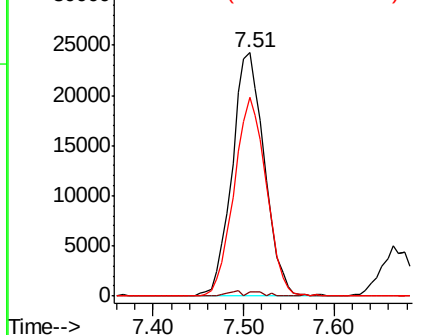


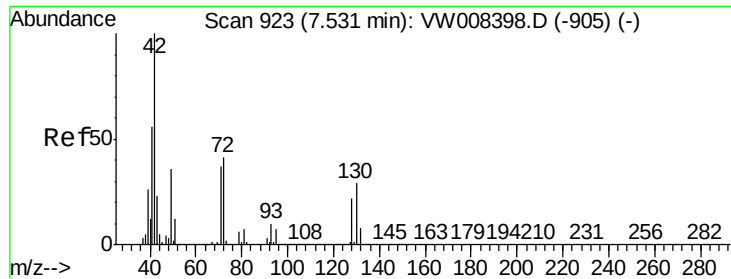
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 63.818 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

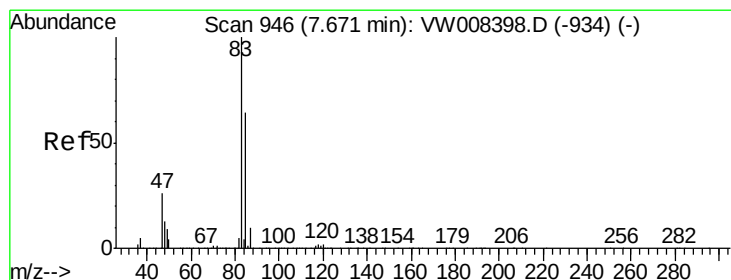
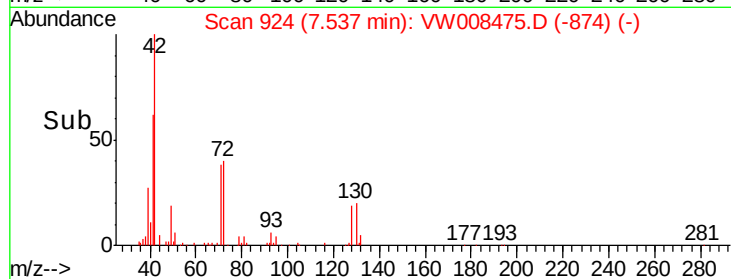
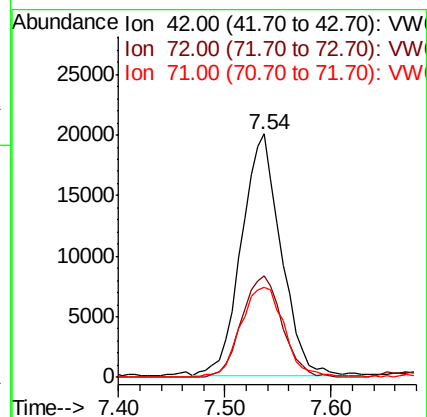
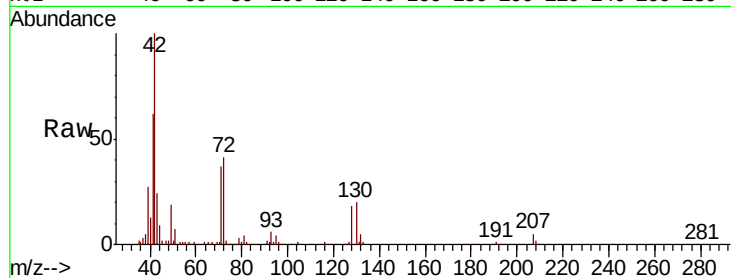
Tgt Ion: 42 Resp: 51608

Ion Ratio Lower Upper

42 100

72 43.2 31.9 47.9

71 41.8 29.9 44.9



#30

Chloroform

Concen: 17.368 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW008475.D

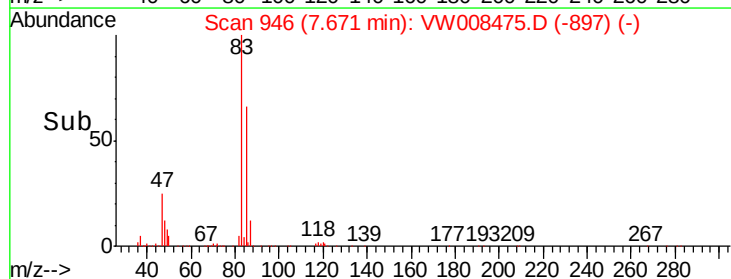
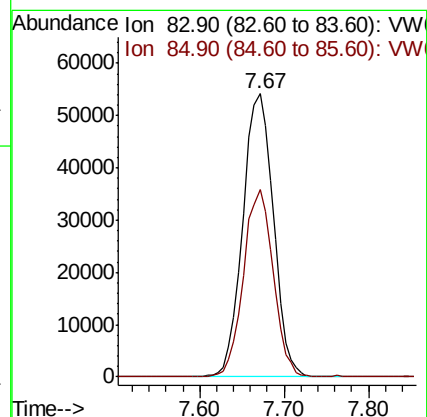
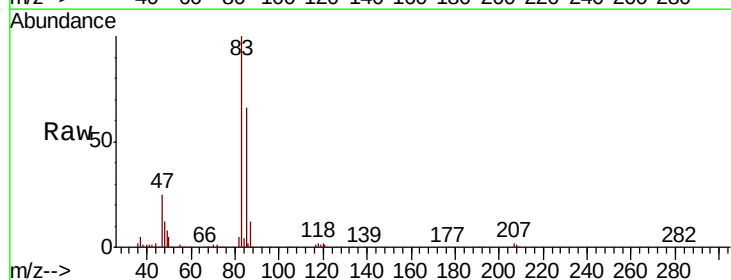
Acq: 01 Feb 2019 12:19

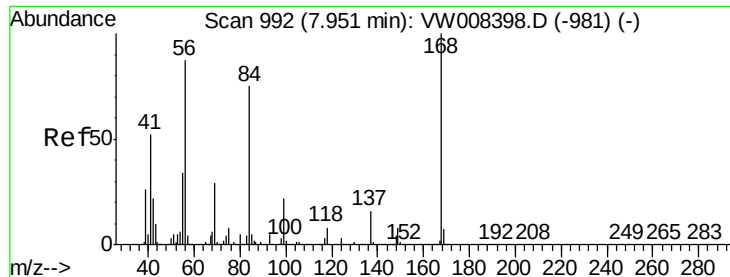
Tgt Ion: 83 Resp: 132649

Ion Ratio Lower Upper

83 100

85 66.2 50.9 76.3

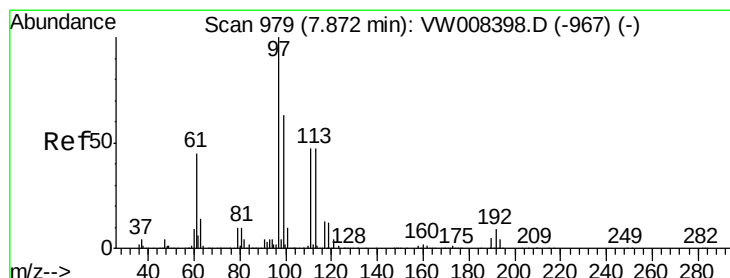
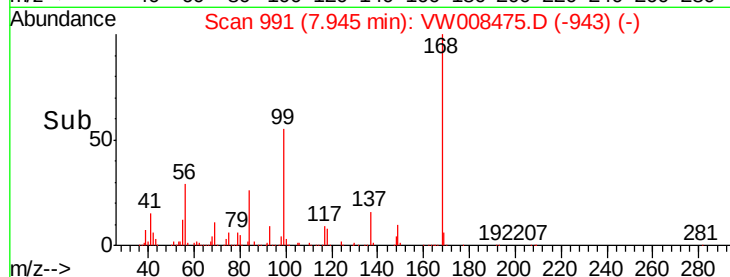
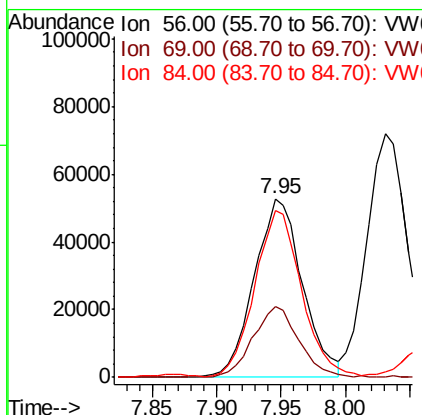
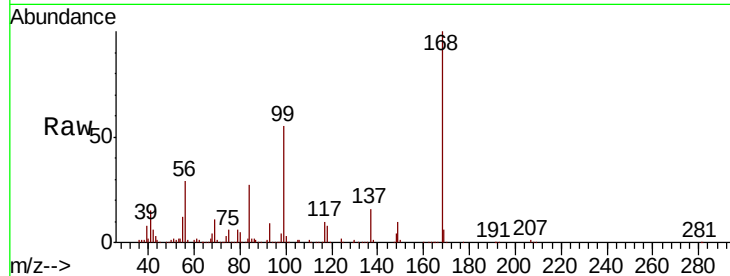




#31
Cyclohexane
Concen: 16.944 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

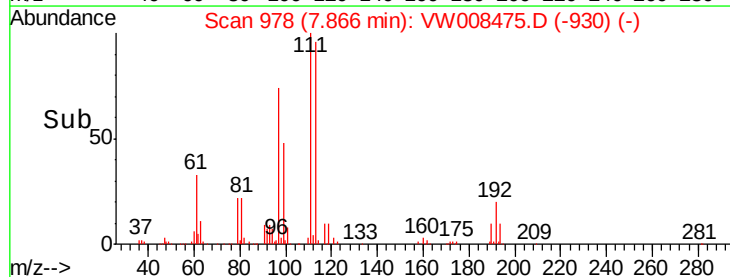
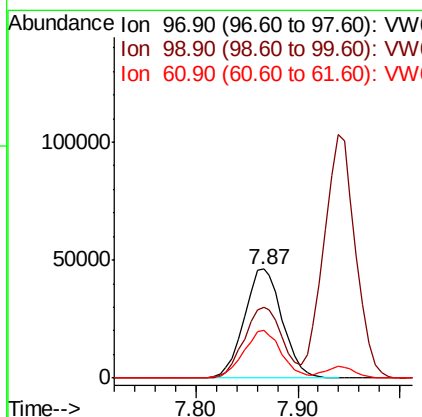
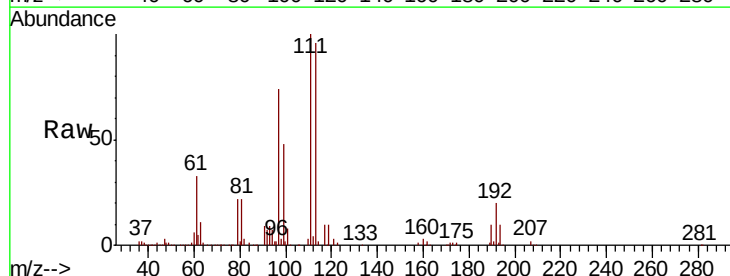
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

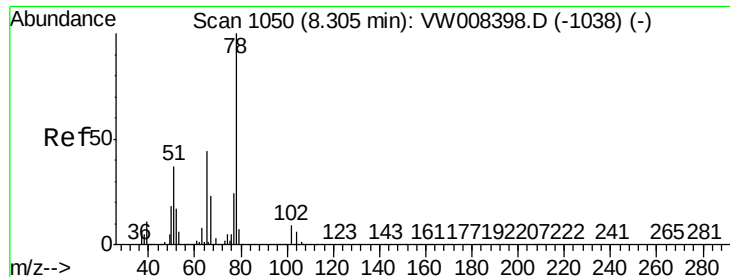
Tgt Ion: 56 Resp: 136044
Ion Ratio Lower Upper
56 100
69 39.6 26.4 39.6
84 92.5 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 18.171 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 97 Resp: 119870
Ion Ratio Lower Upper
97 100
99 65.8 51.3 76.9
61 43.5 36.2 54.4

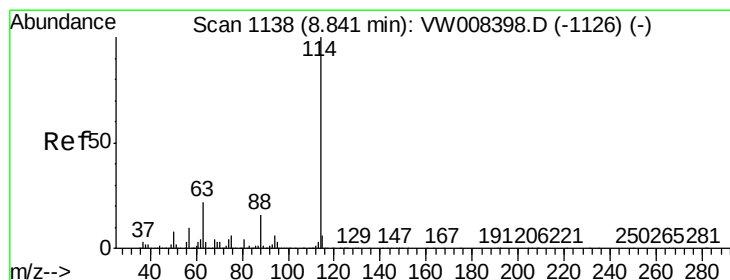
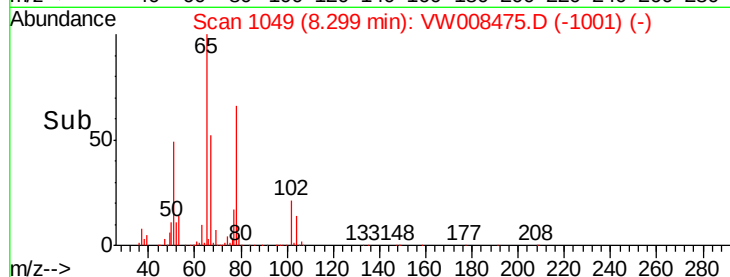
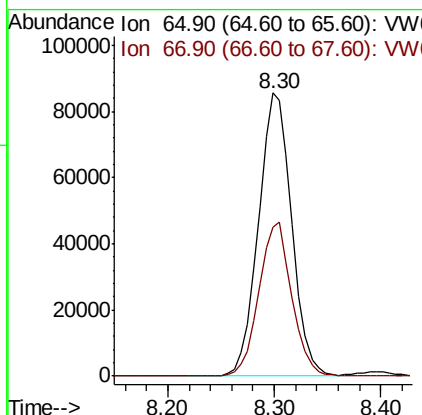
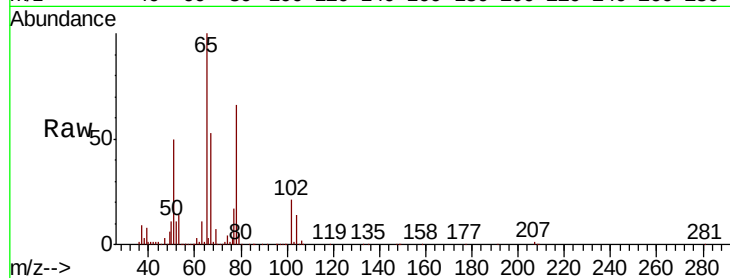




#33
 1,2-Dichloroethane-d4
 Concen: 45.627 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

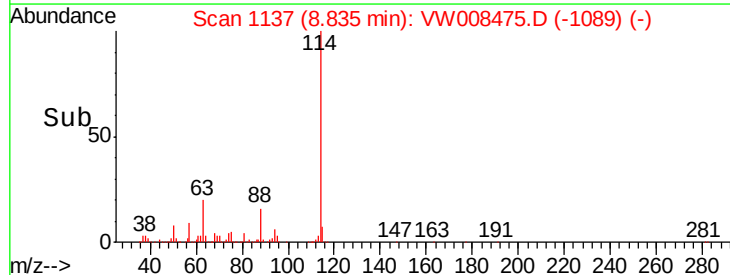
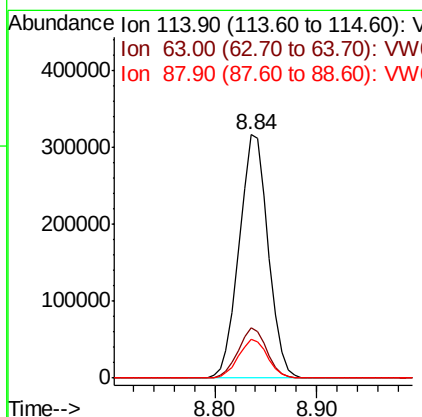
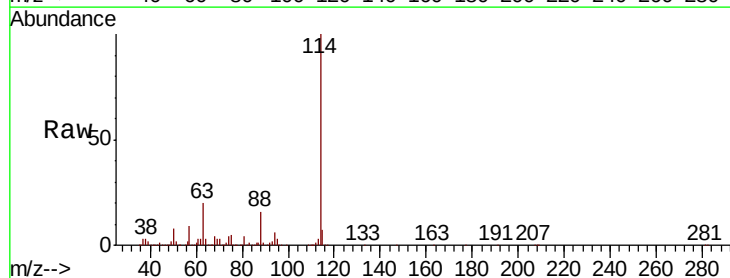
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

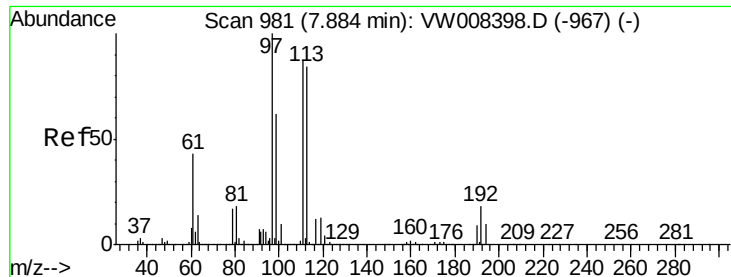
Tgt Ion: 65 Resp: 186668
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion: 114 Resp: 623178
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.6
 88 15.7 0.0 31.8

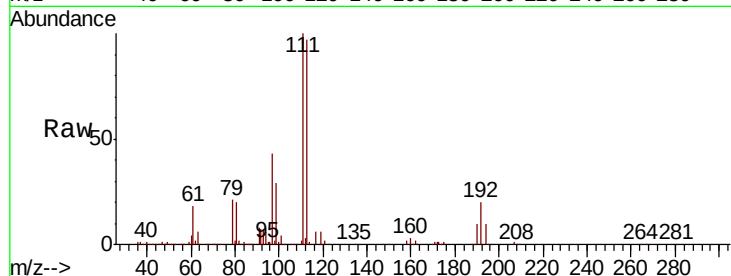




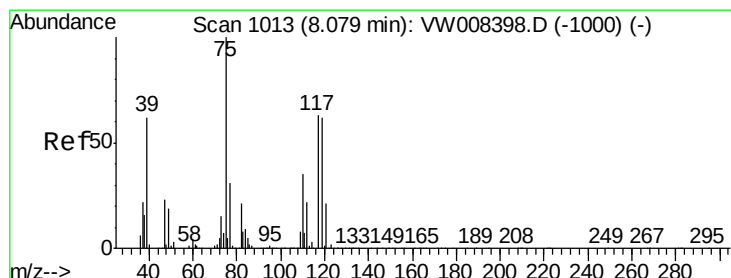
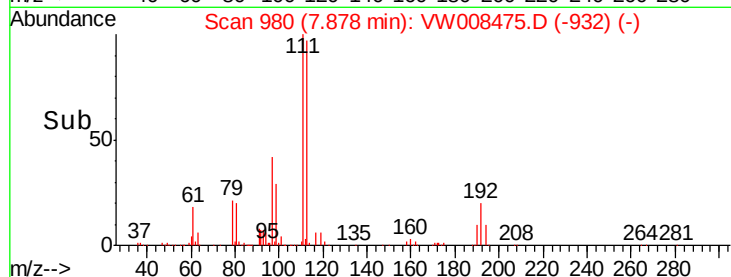
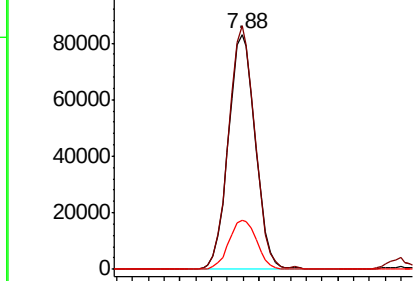
#35
 Dibromofluoromethane
 Concen: 54.260 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.4
192	21.7	16.8	25.2

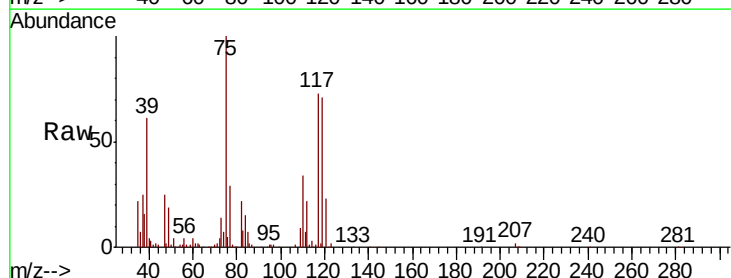


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

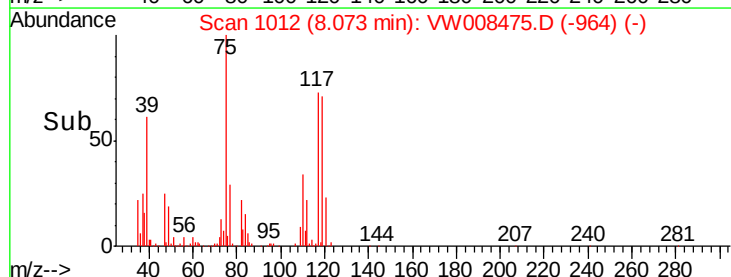
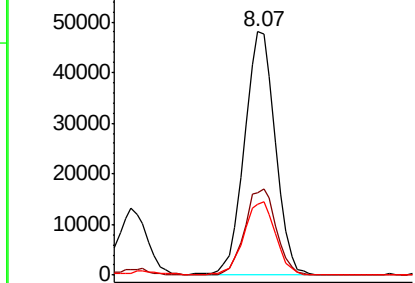


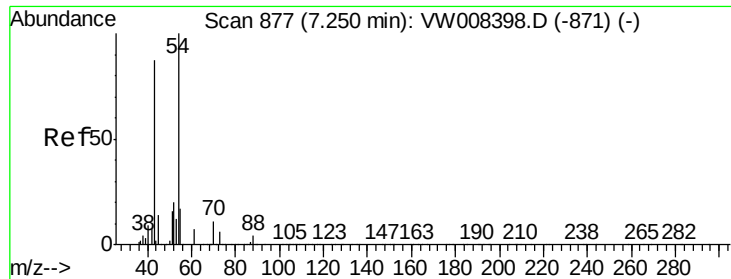
#36
 1,1-Dichloropropene
 Concen: 18.669 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.3	52.0
77	31.1	24.7	37.1



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

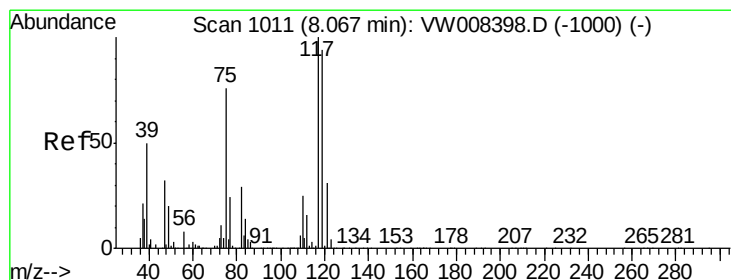
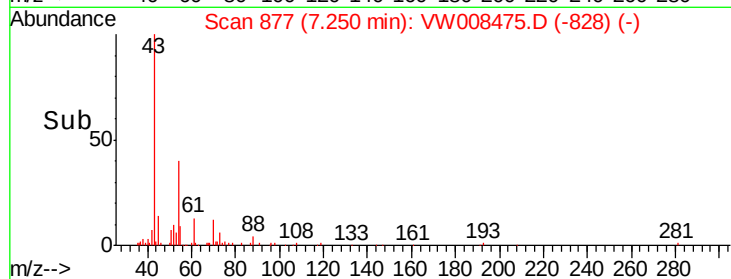
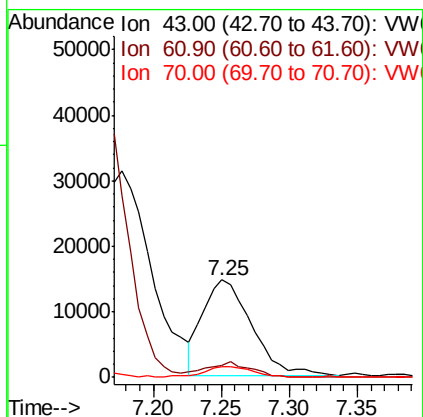
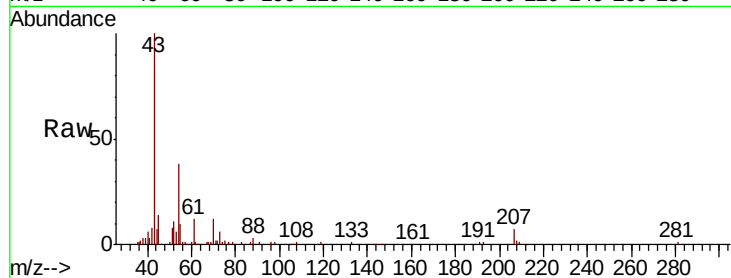




#37
Ethyl Acetate
Concen: 13.898 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

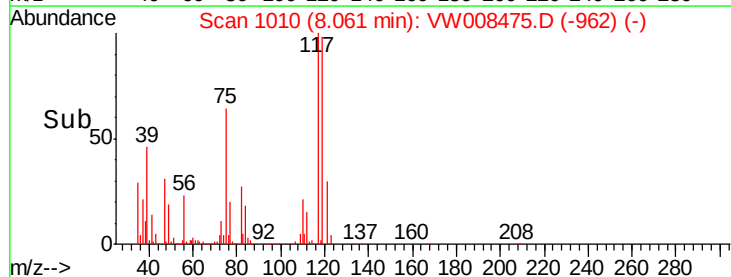
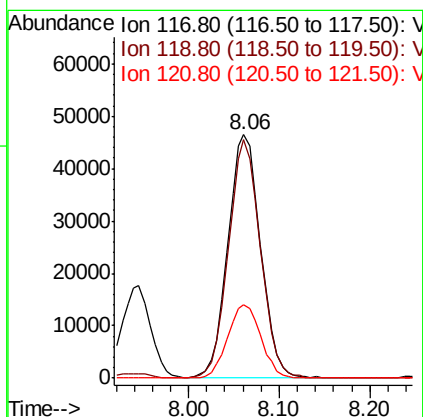
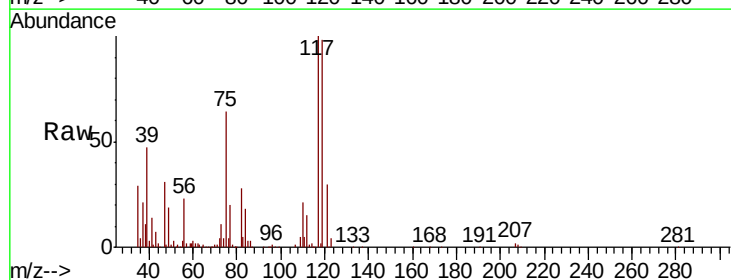
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

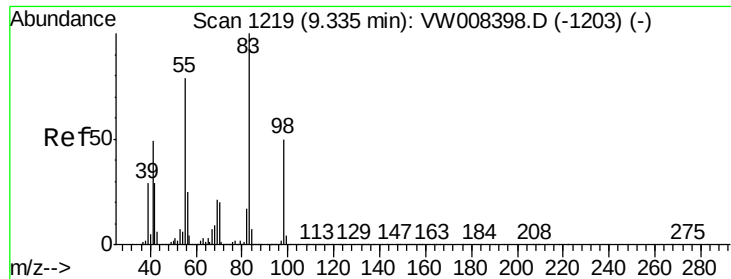
Tgt Ion: 43 Resp: 36195
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 11.8 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 19.627 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 117 Resp: 116265
Ion Ratio Lower Upper
117 100
119 98.0 75.0 112.4
121 30.0 24.9 37.3

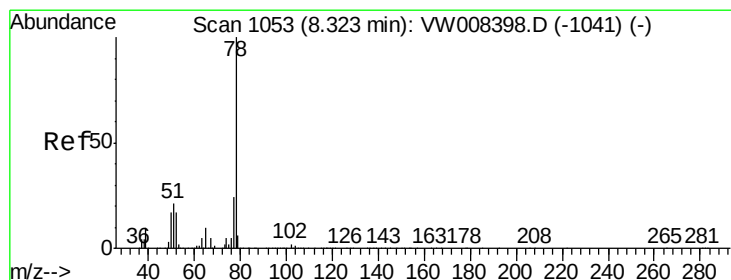
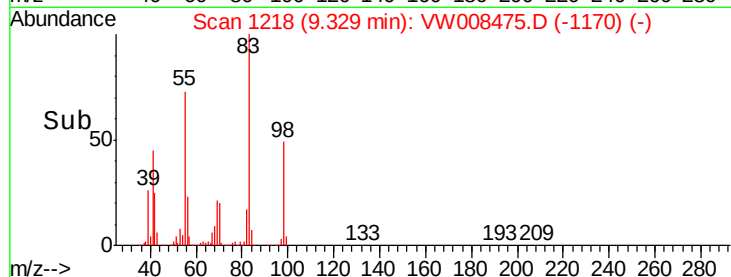
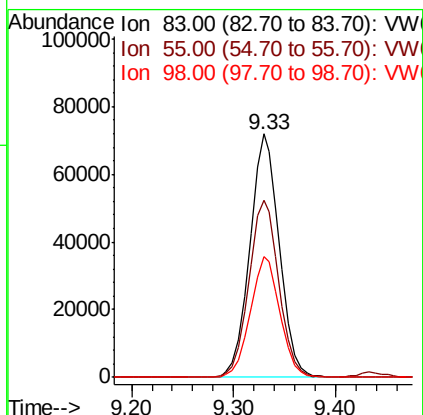
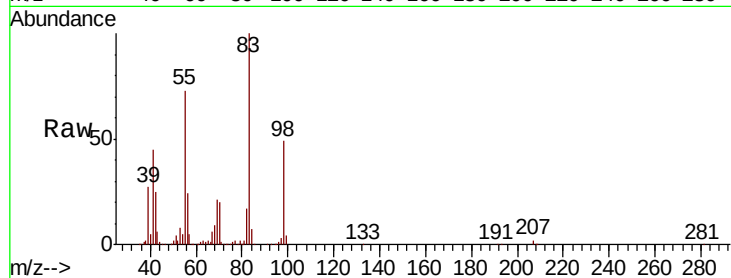




#39
Methylcyclohexane
Concen: 18.681 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

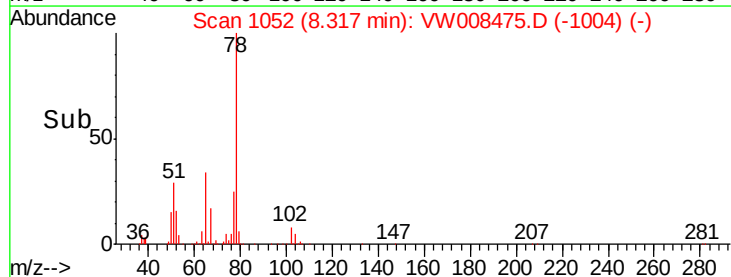
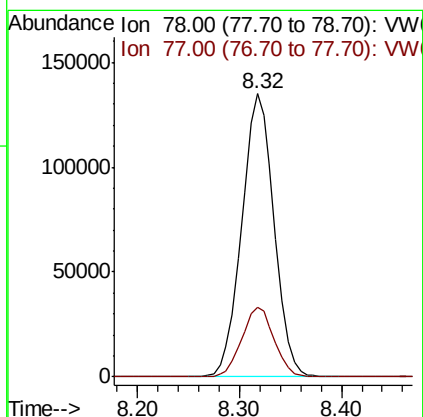
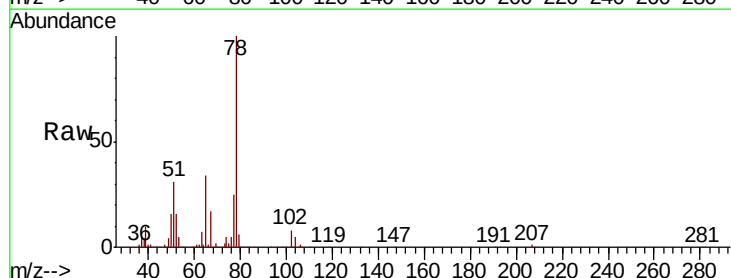
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

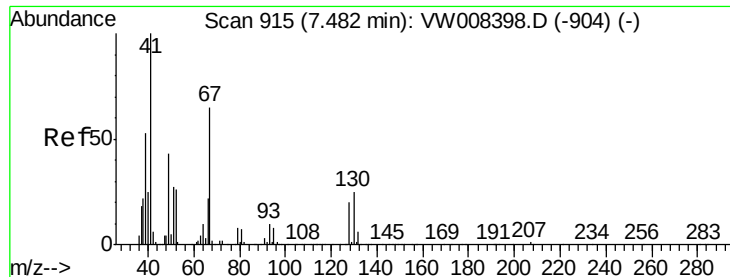
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.6	63.3	94.9
98	49.3	39.7	59.5



#40
Benzene
Concen: 18.109 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.6

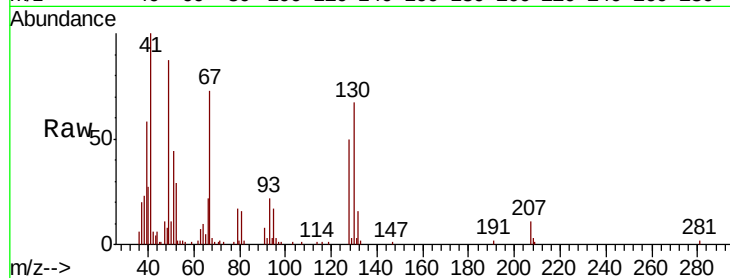




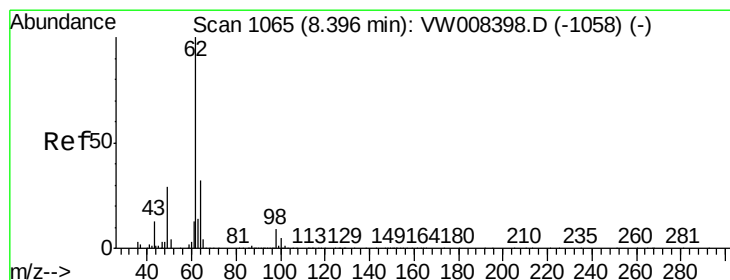
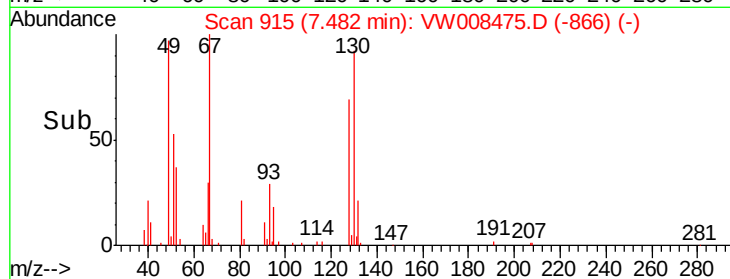
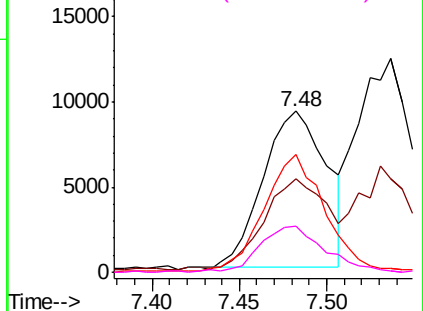
#41
Methacrylonitrile
Concen: 15.033 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

Tgt Ion:	41	Resp:	23183
Ion	Ratio	Lower	Upper
41	100		
39	58.7	43.4	65.0
67	71.4	54.2	81.2
52	30.1	22.9	34.3

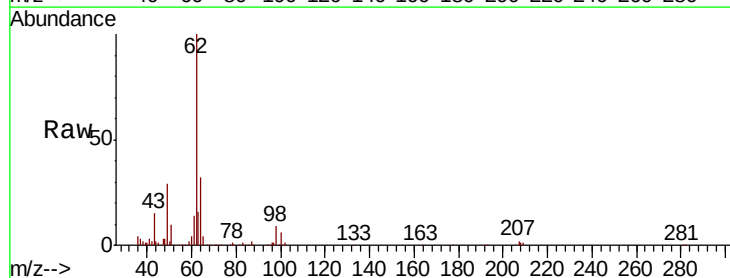


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

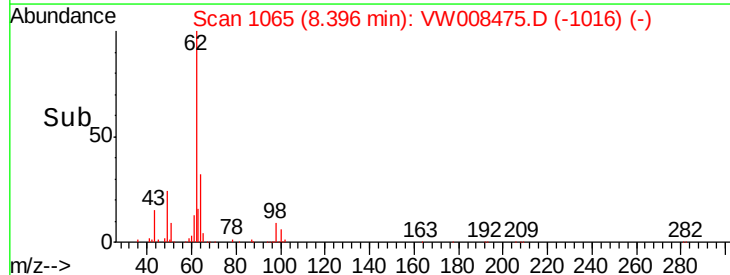
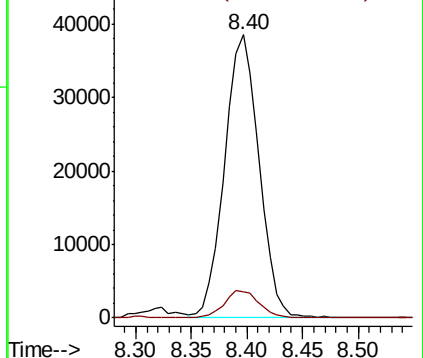


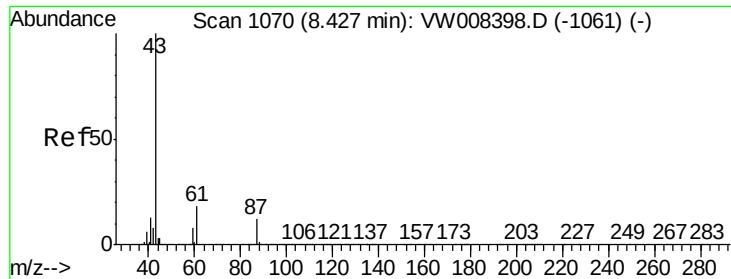
#42
1,2-Dichloroethane
Concen: 17.482 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion:	62	Resp:	82756
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 14.751 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

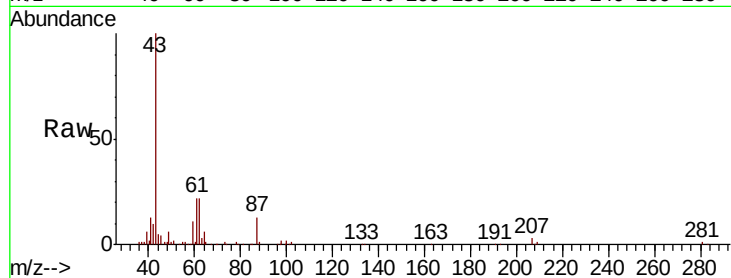
Tgt Ion: 43 Resp: 79811

Ion Ratio Lower Upper

43 100

61 29.7 22.0 33.0

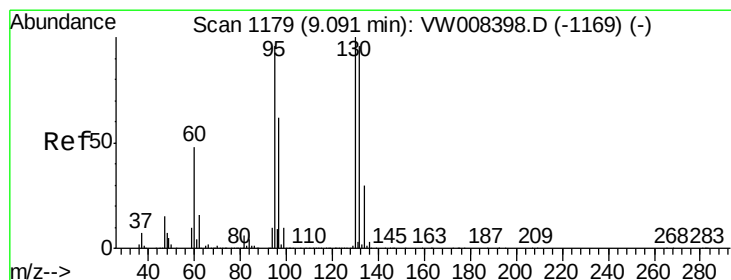
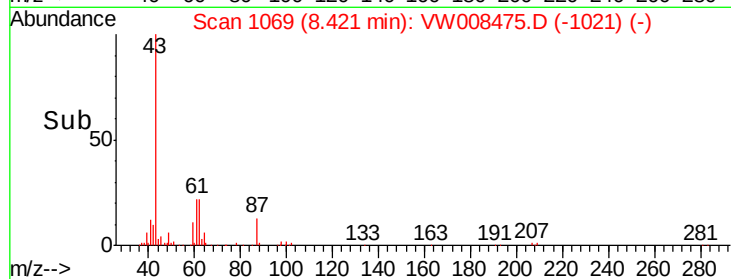
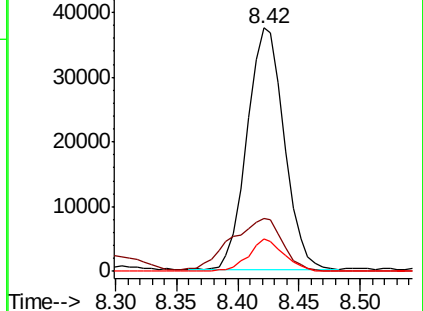
87 12.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.122 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008475.D

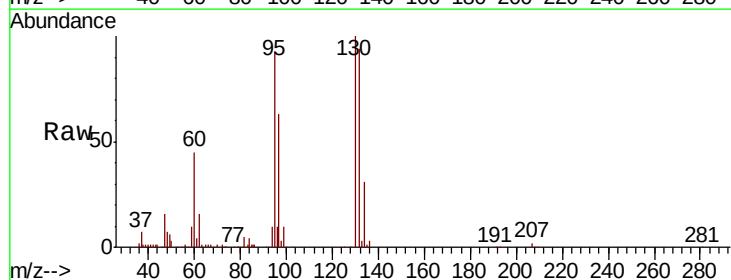
Acq: 01 Feb 2019 12:19

Tgt Ion: 130 Resp: 84939

Ion Ratio Lower Upper

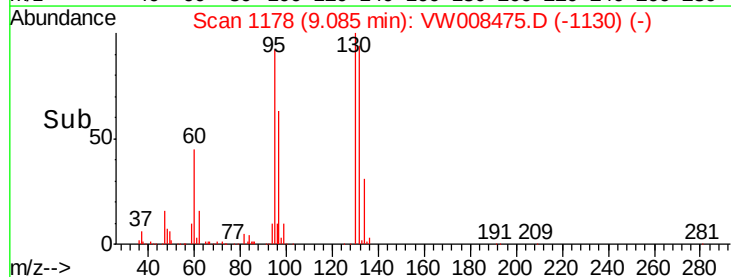
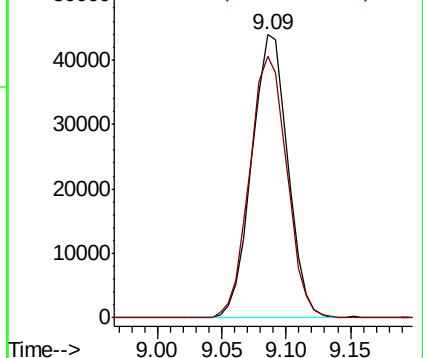
130 100

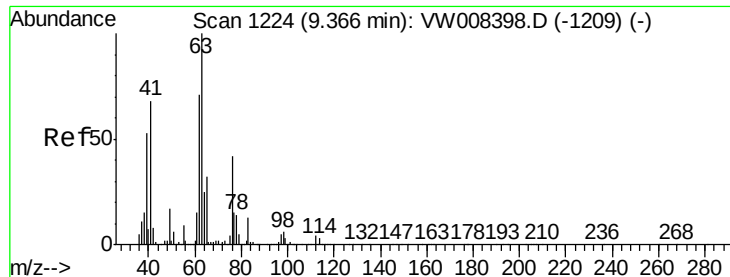
95 92.7 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

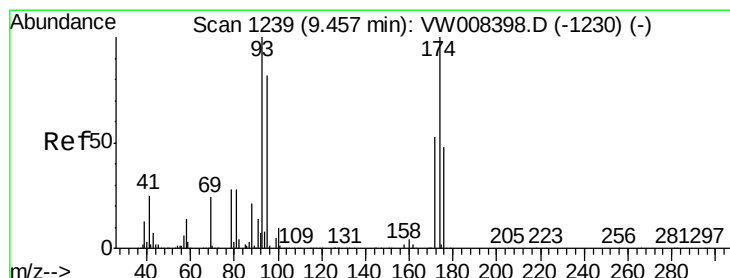
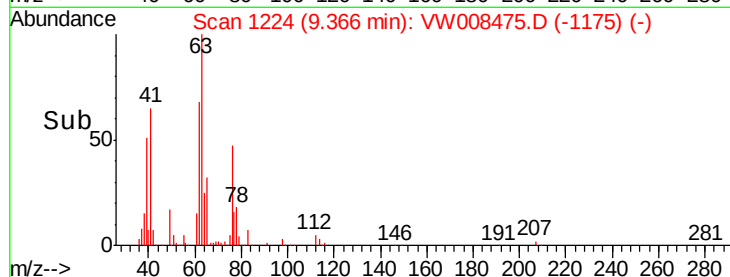
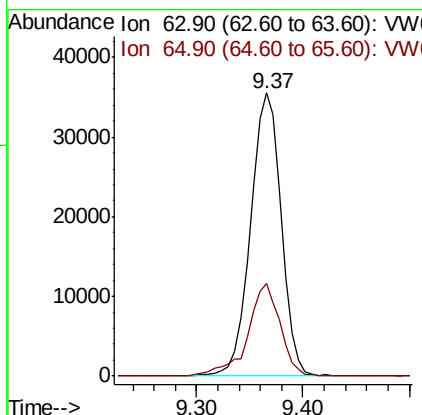
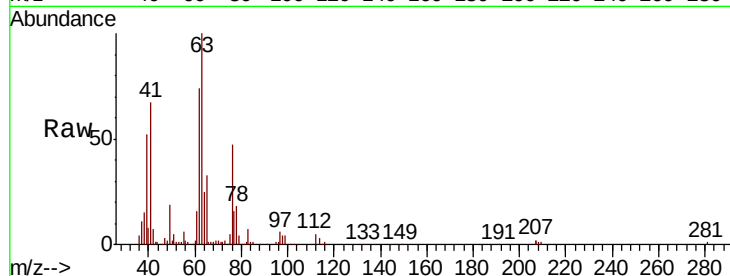




#45
 1,2-Dichloropropane
 Concen: 17.613 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

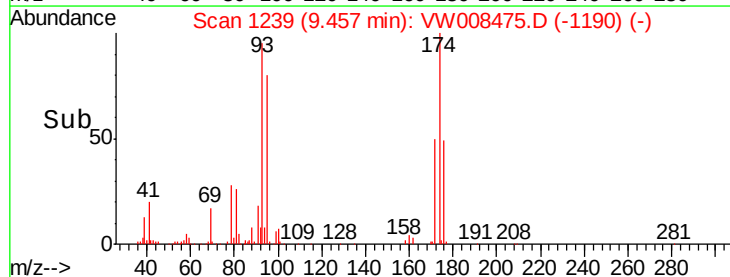
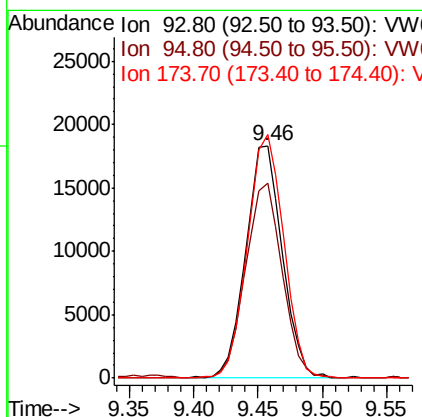
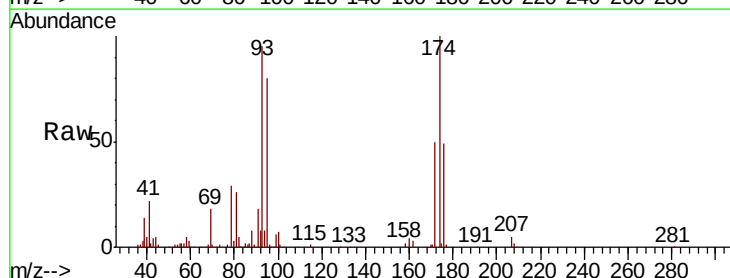
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

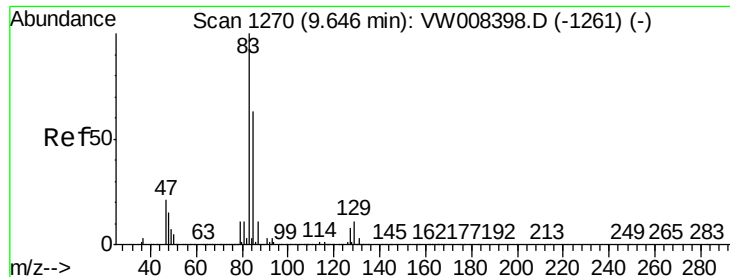
Tgt Ion: 63 Resp: 71734
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.2 37.8



#46
 Dibromomethane
 Concen: 17.107 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion: 93 Resp: 35836
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.9 98.9
 174 104.4 81.0 121.6





#47

Bromodichloromethane

Concen: 17.454 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

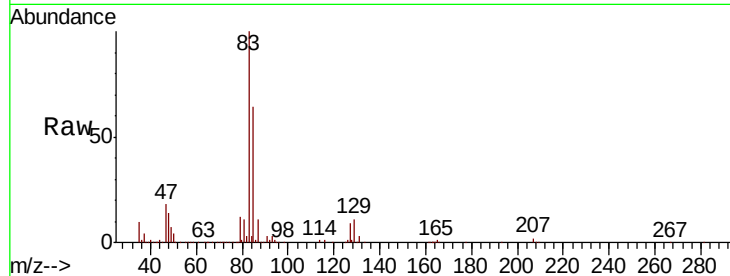
Tgt Ion: 83 Resp: 96707

Ion Ratio Lower Upper

83 100

85 63.9 50.8 76.2

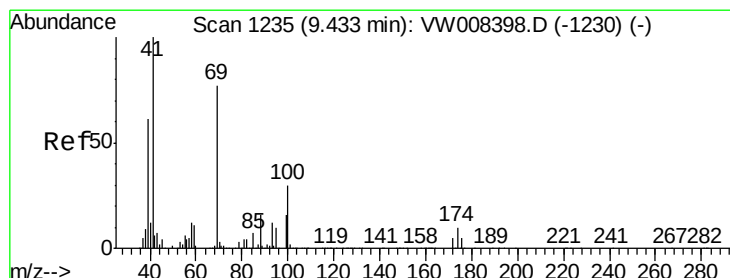
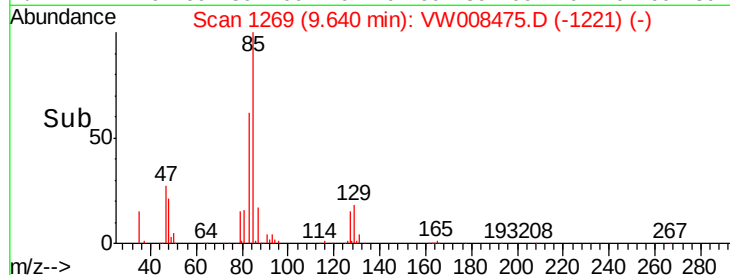
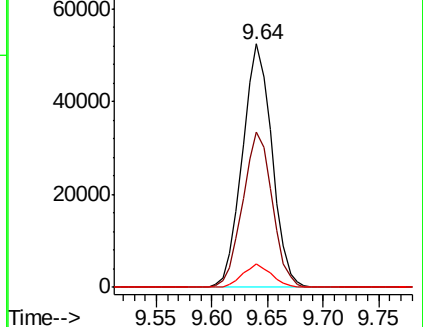
127 9.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 14.160 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

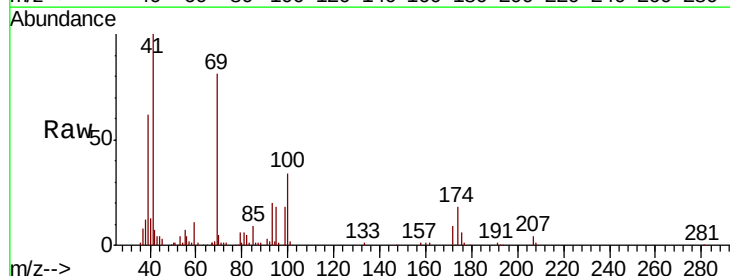
Tgt Ion: 41 Resp: 37462

Ion Ratio Lower Upper

41 100

69 85.4 64.8 97.2

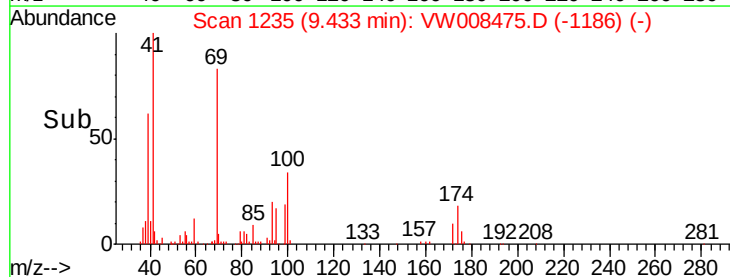
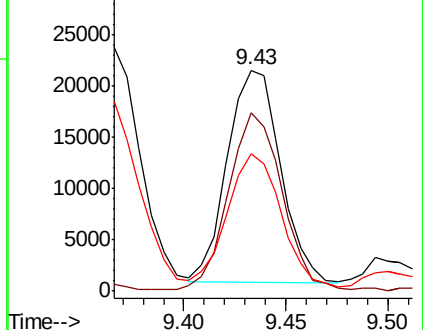
39 63.0 49.1 73.7

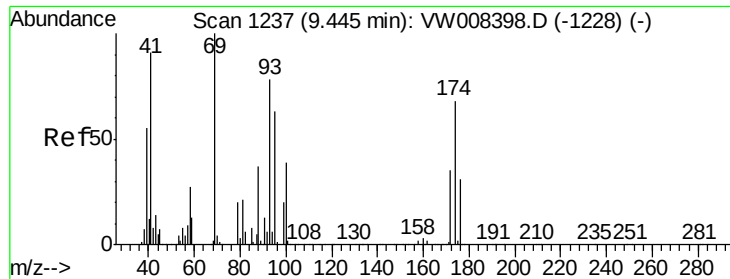


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

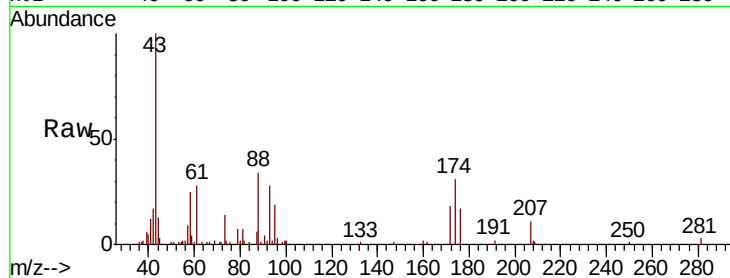




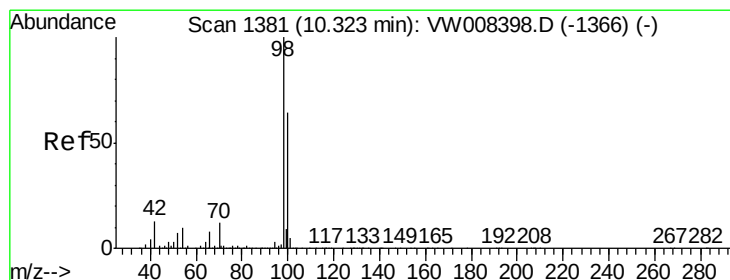
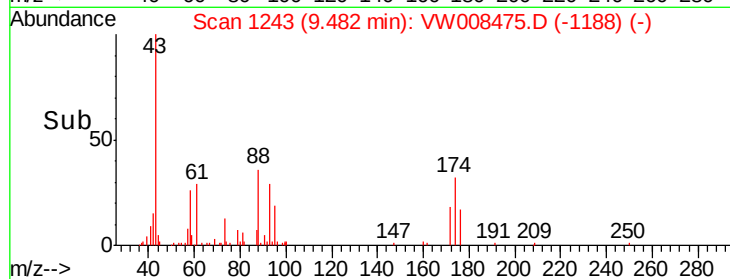
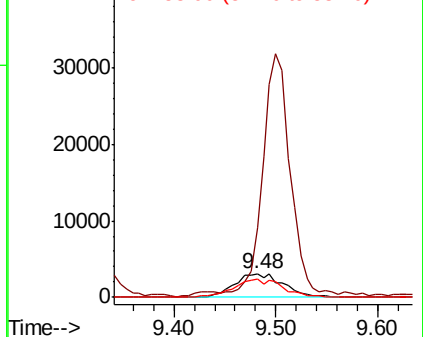
#49
1,4-Dioxane
Concen: 288.968 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.04 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

Tgt Ion: 88 Resp: 10232
Ion Ratio Lower Upper
88 100
43 567.8 29.0 43.4#
58 49.2 56.4 84.6#

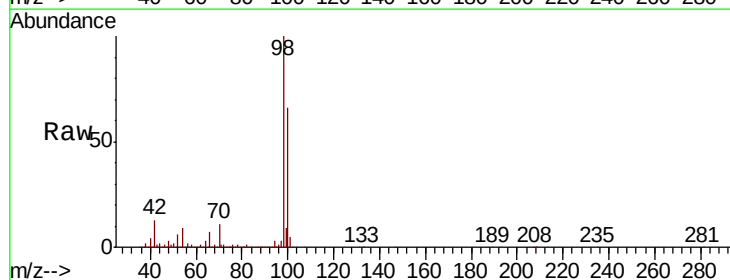


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

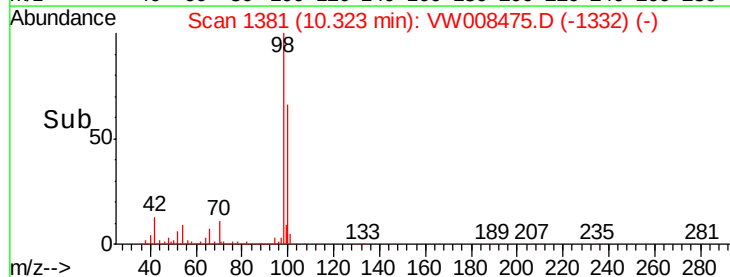
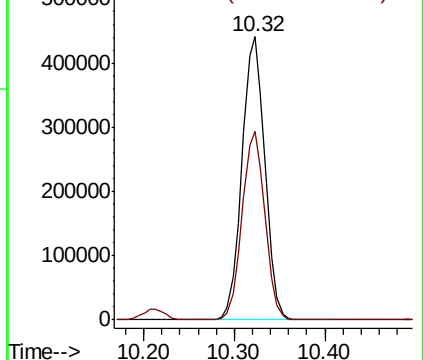


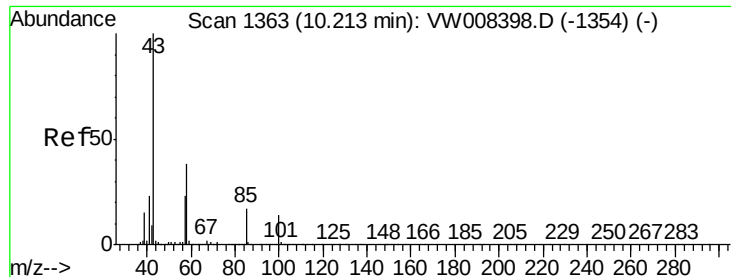
#50
Toluene-d8
Concen: 52.539 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 98 Resp: 767721
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 70.020 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

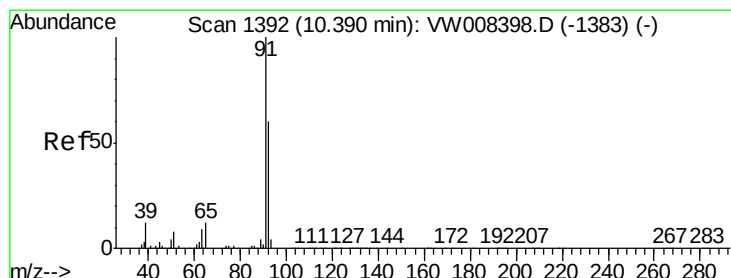
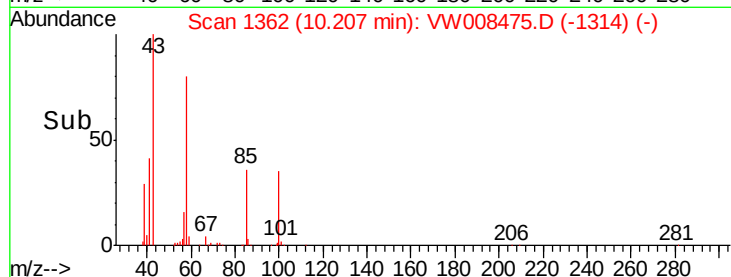
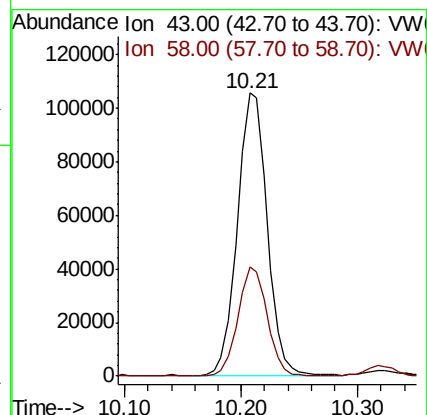
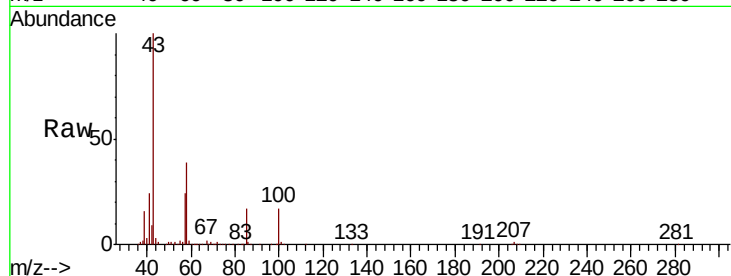
VW0201SBS01

Tgt Ion: 43 Resp: 187168

Ion Ratio Lower Upper

43 100

58 38.2 29.7 44.5



#52

Toluene

Concen: 18.090 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008475.D

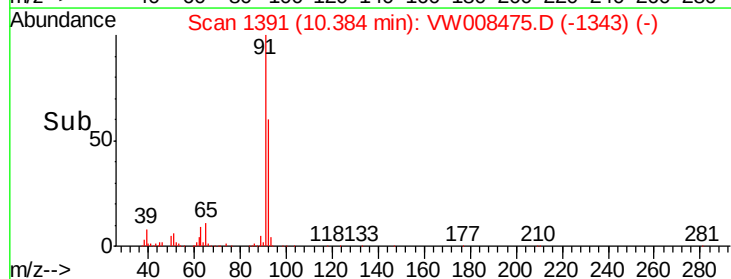
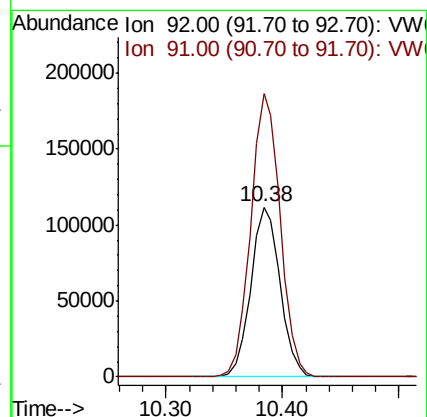
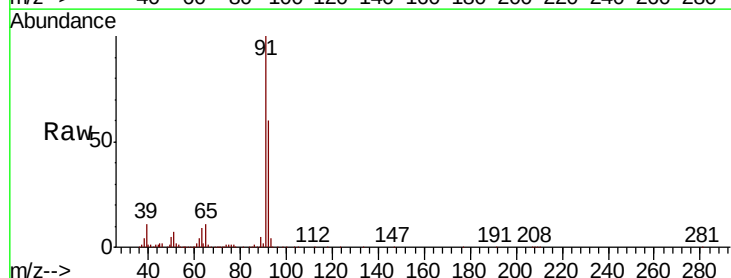
Acq: 01 Feb 2019 12:19

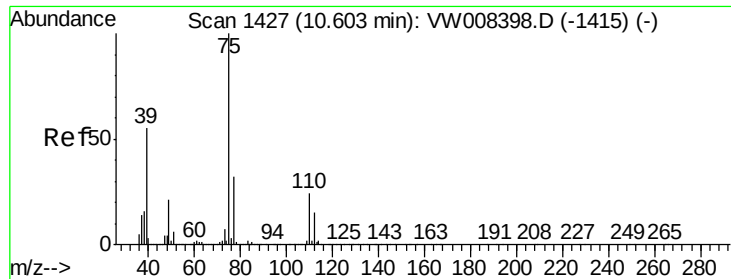
Tgt Ion: 92 Resp: 195062

Ion Ratio Lower Upper

92 100

91 168.8 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 16.855 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

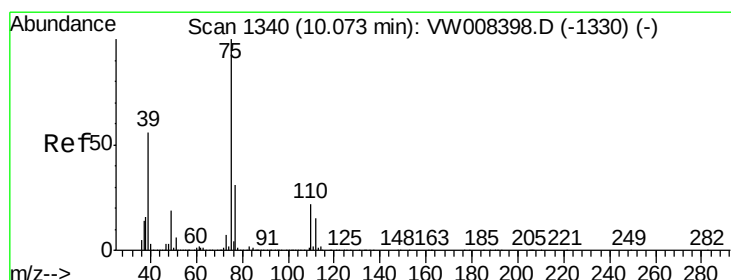
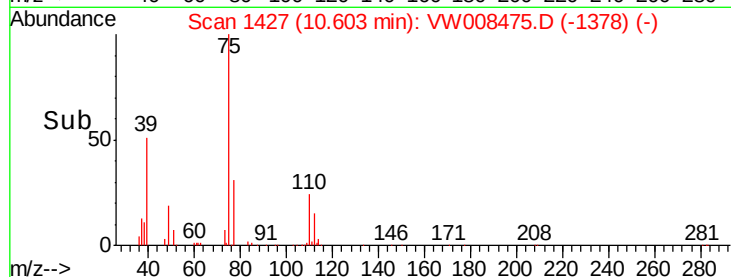
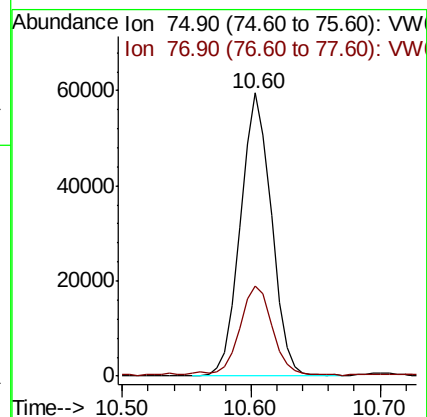
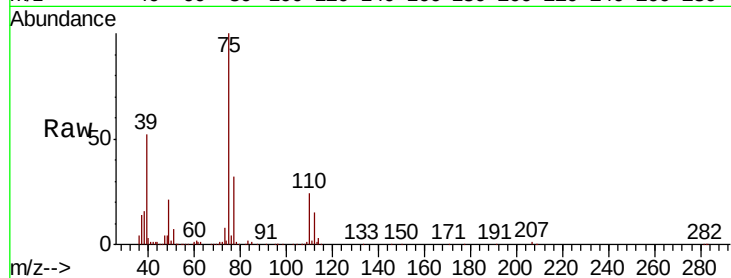
VW0201SBS01

Tgt Ion: 75 Resp: 99377

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.289 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

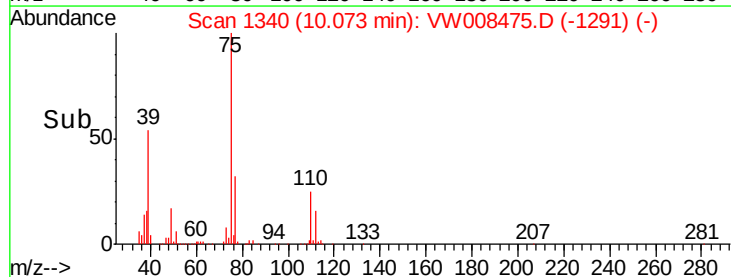
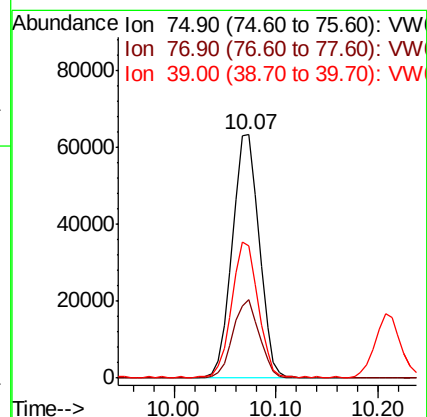
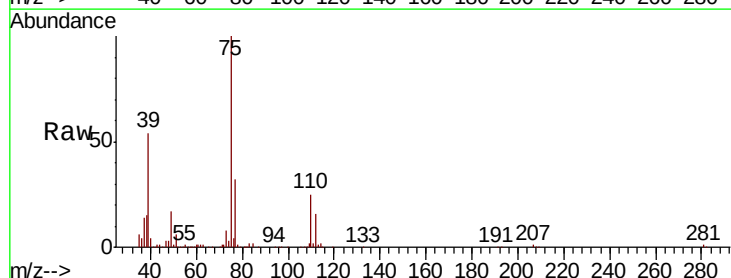
Tgt Ion: 75 Resp: 115679

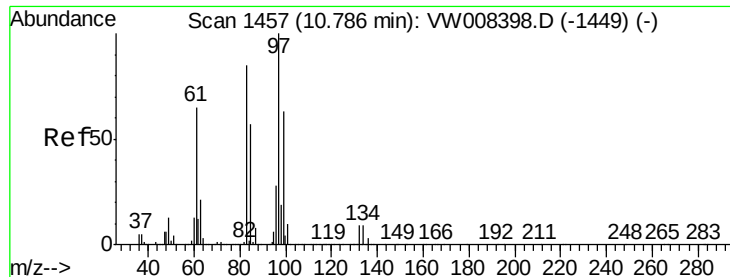
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

39 53.9 44.9 67.3

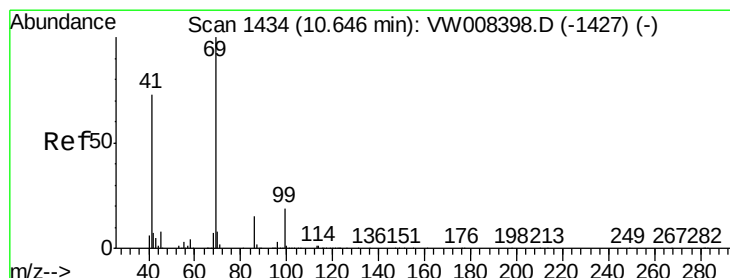
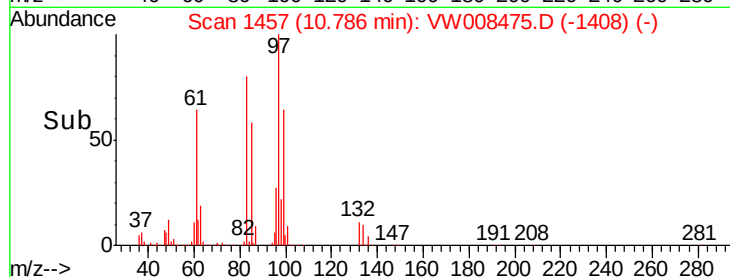
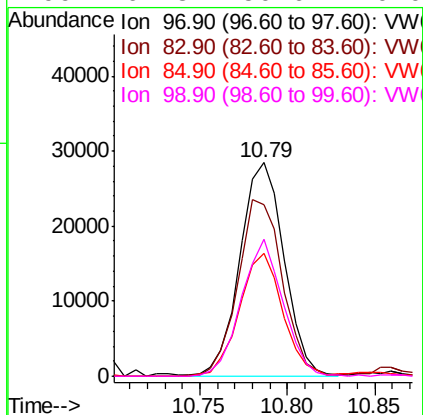
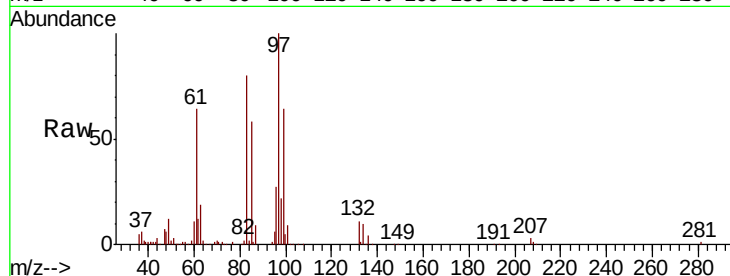




#55
 1,1,2-Trichloroethane
 Concen: 17.163 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

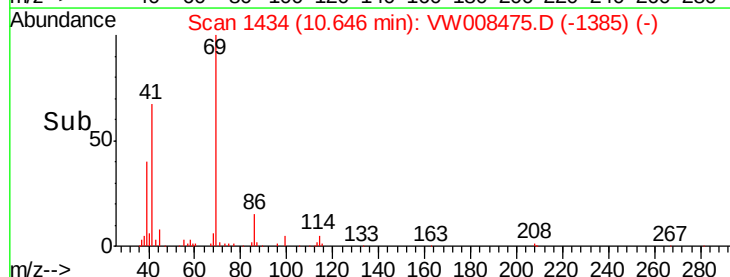
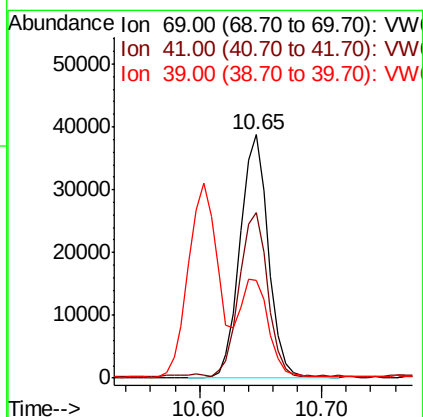
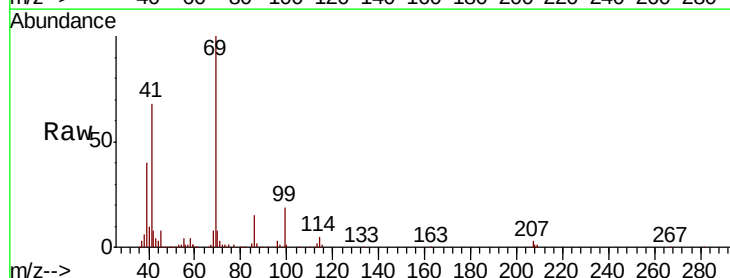
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

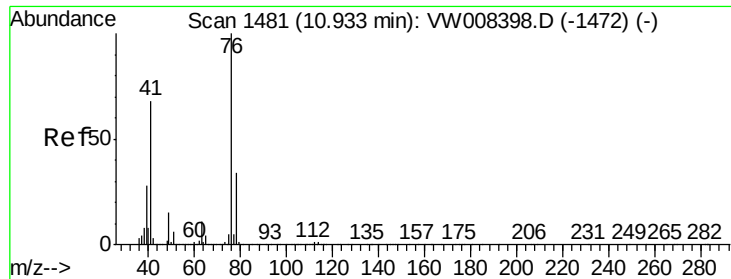
Tgt Ion:	97	Resp:	49870
Ion	Ratio	Lower	Upper
97	100		
83	80.1	68.4	102.6
85	57.5	45.3	67.9
99	64.3	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 15.081 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion:	69	Resp:	61401
Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.7	88.1
39	39.4	32.6	48.8

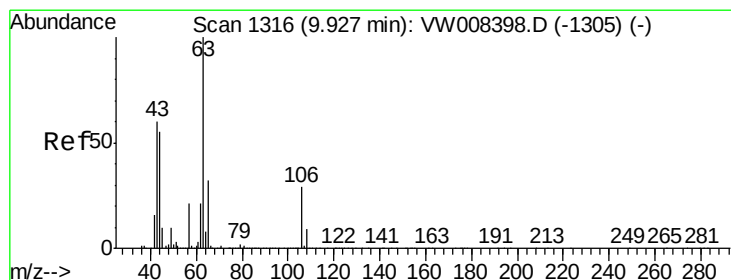
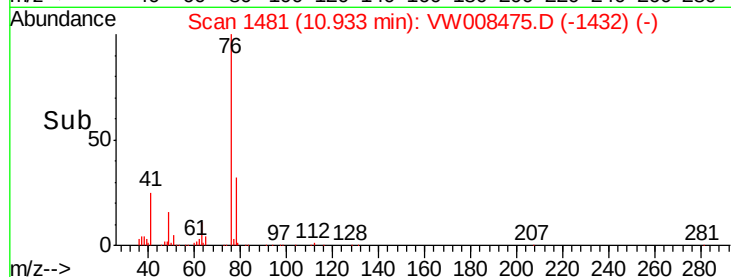
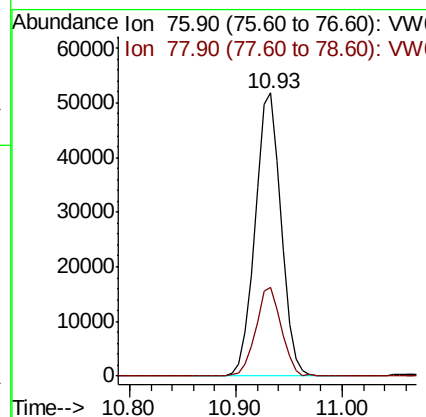
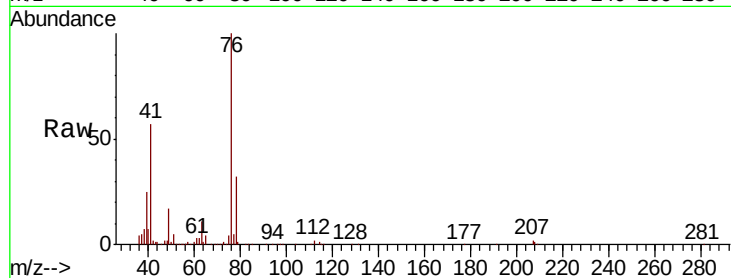




#57
 1,3-Dichloropropane
 Concen: 17.011 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

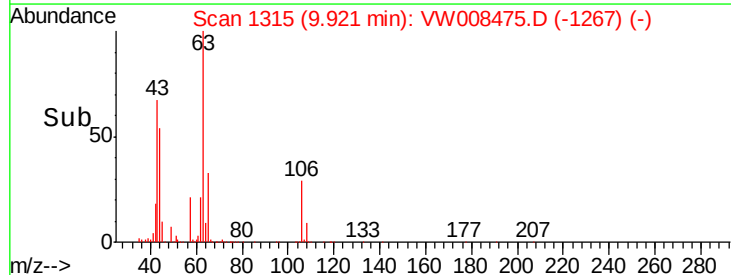
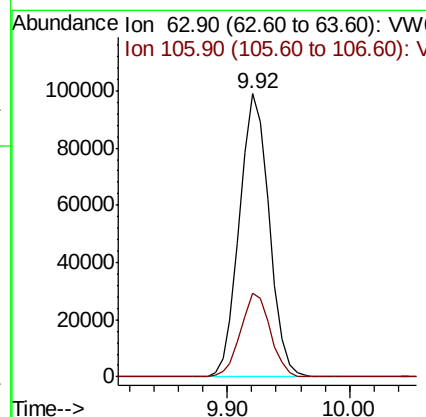
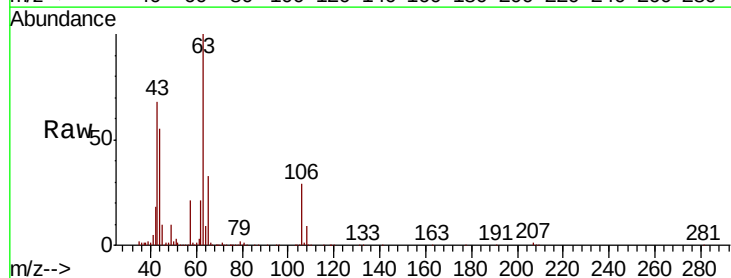
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

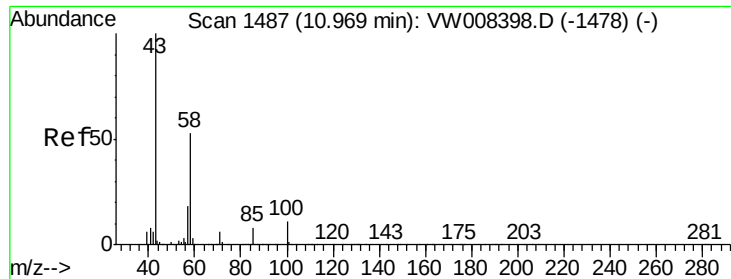
Tgt Ion: 76 Resp: 88552
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.332 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion: 63 Resp: 166824
 Ion Ratio Lower Upper
 63 100
 106 29.5 22.4 33.6

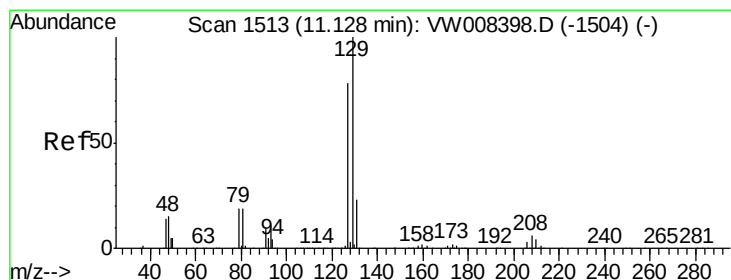
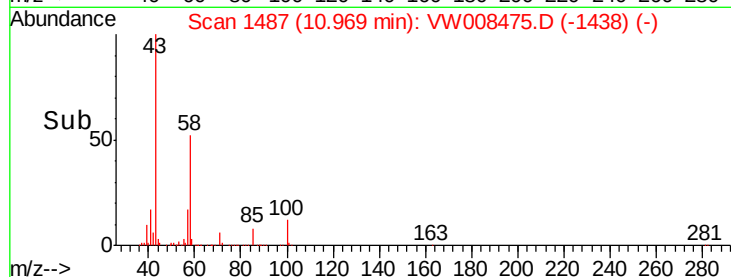
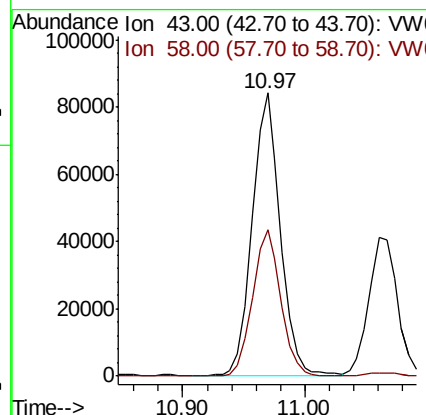
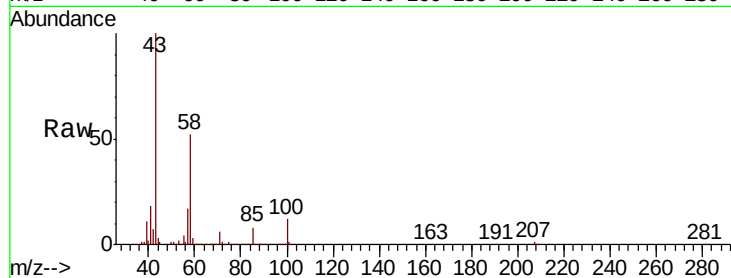




#59
2-Hexanone
Concen: 70.511 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

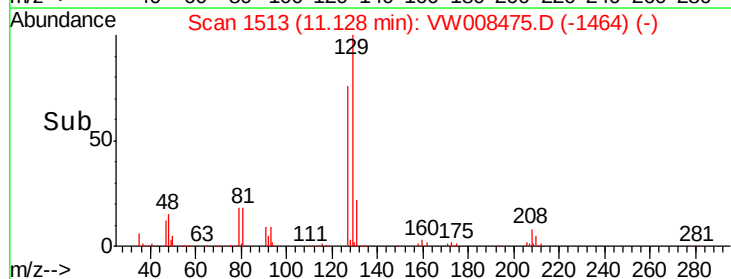
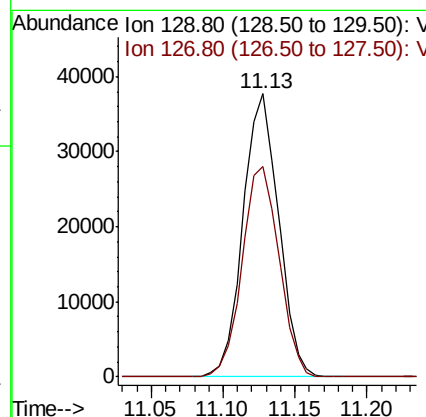
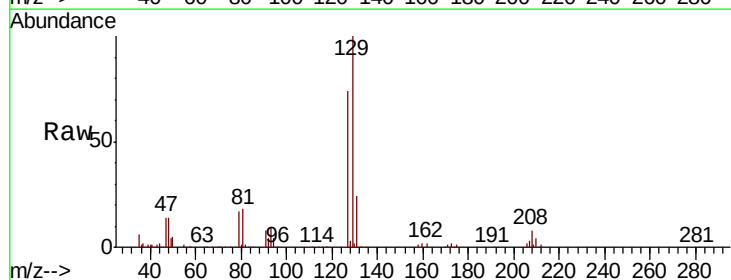
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

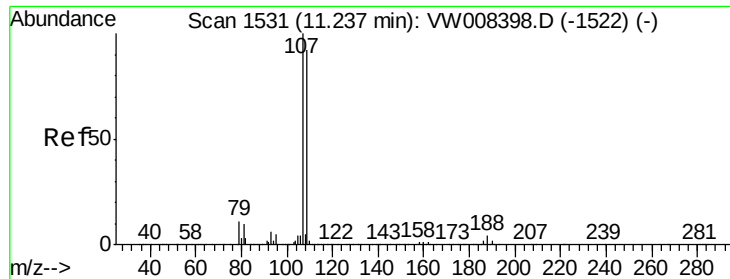
Tgt Ion: 43 Resp: 133059
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.7



#60
Dibromochloromethane
Concen: 17.283 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 129 Resp: 64533
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

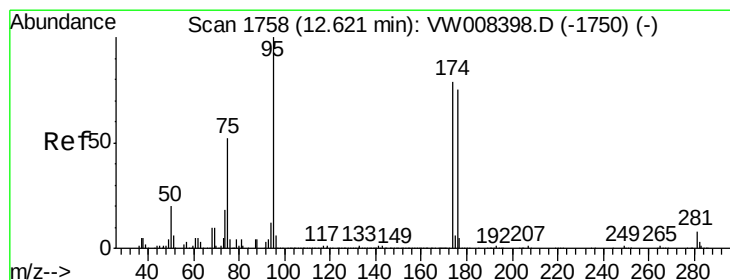
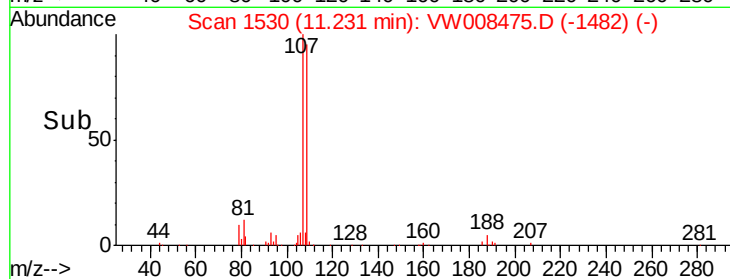
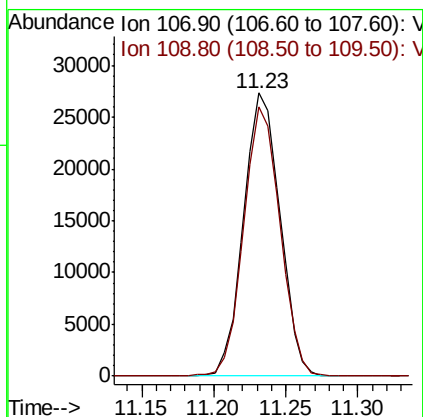
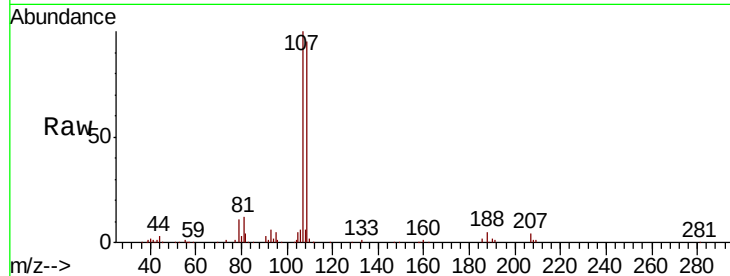




#61
 1,2-Dibromoethane
 Concen: 16.597 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

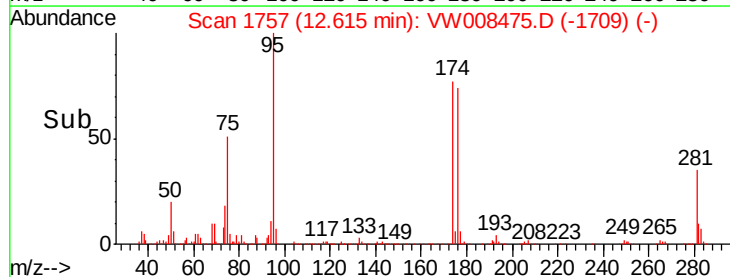
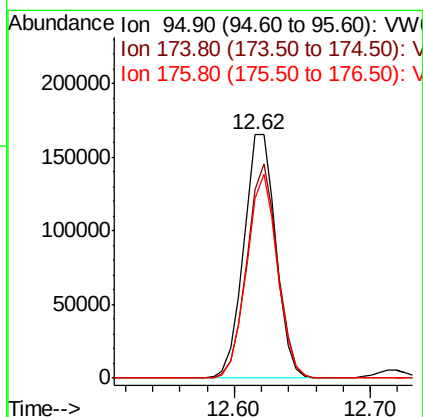
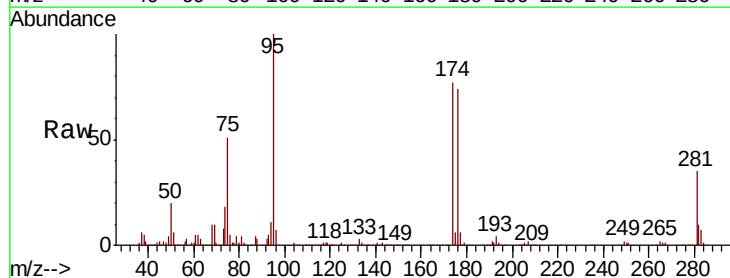
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

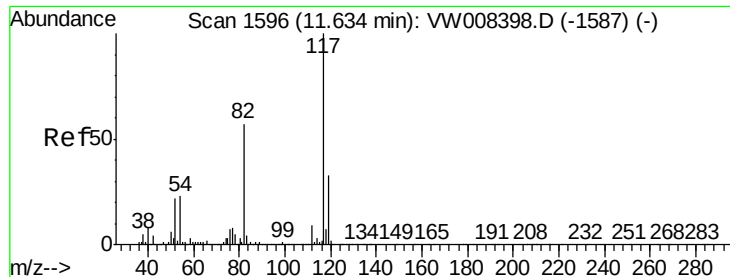
Tgt Ion: 107 Resp: 47816
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.498 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion: 95 Resp: 272399
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 157.6
 176 80.6 0.0 151.8

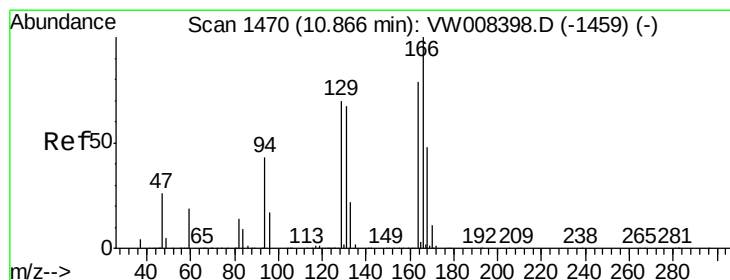
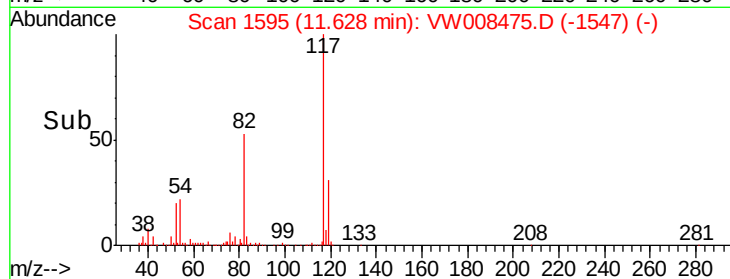
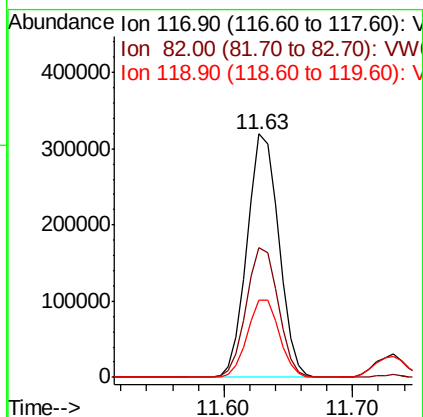
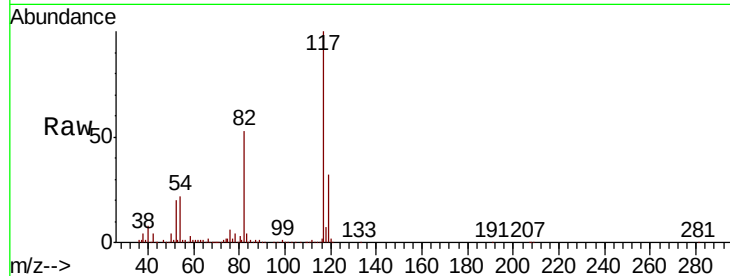




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

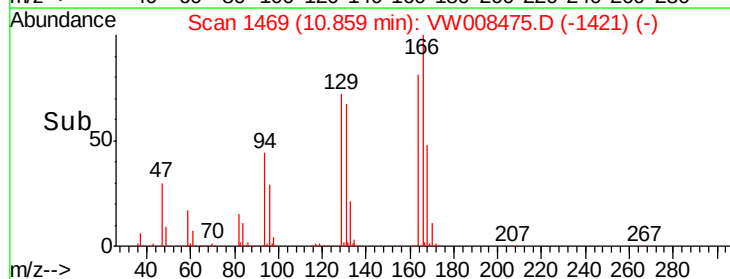
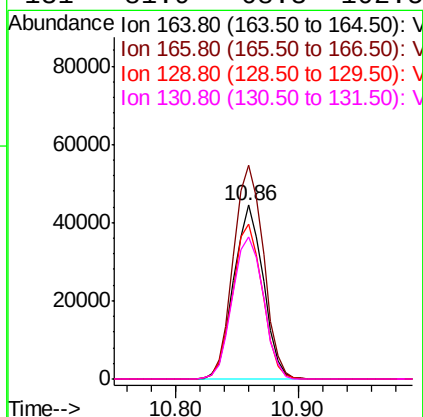
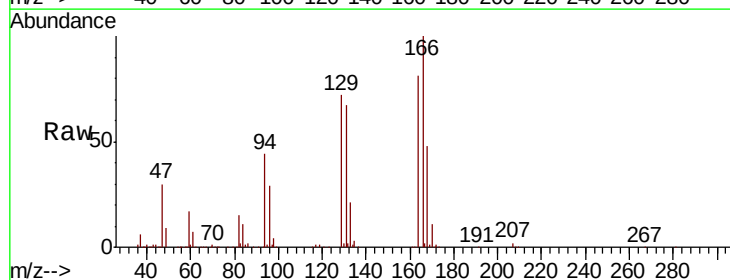
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

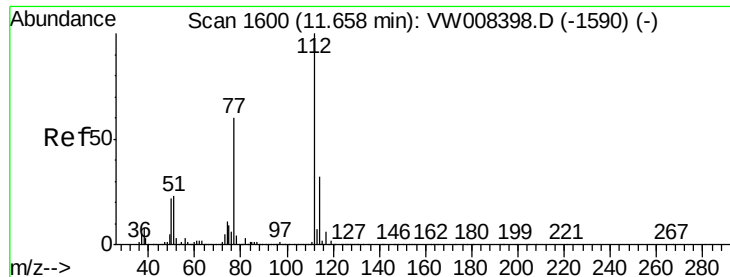
Tgt Ion:	117	Resp:	541657
Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.4	68.0
119	31.5	26.2	39.4



#64
Tetrachloroethene
Concen: 20.242 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion:	164	Resp:	74233
Ion	Ratio	Lower	Upper
164	100		
166	122.9	101.4	152.0
129	88.9	71.0	106.6
131	81.9	68.3	102.5

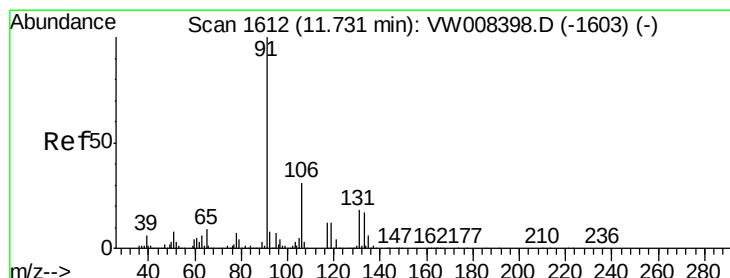
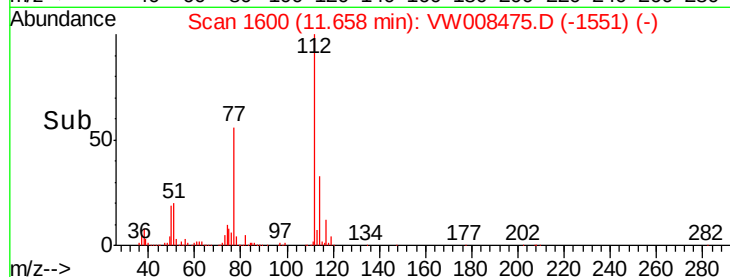
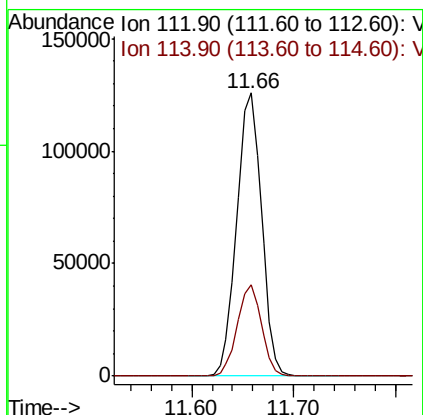
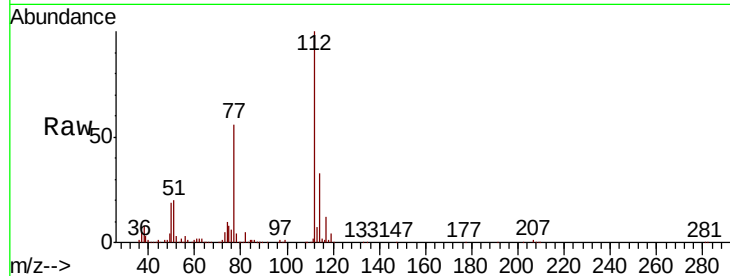




#65
Chlorobenzene
Concen: 19.140 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

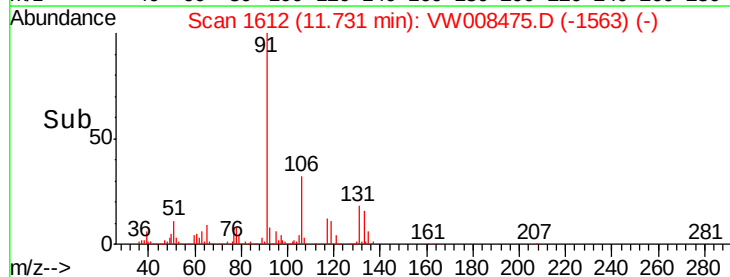
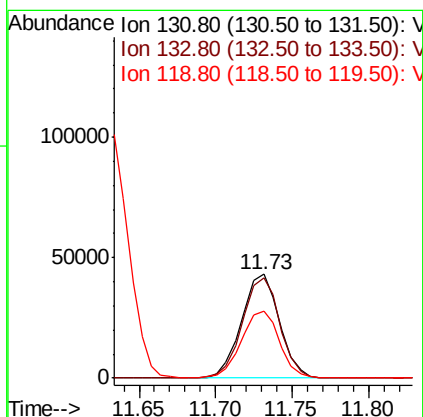
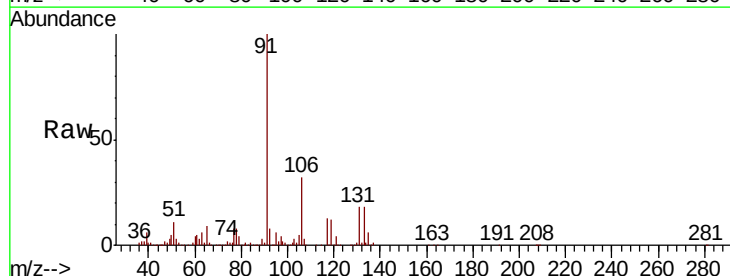
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

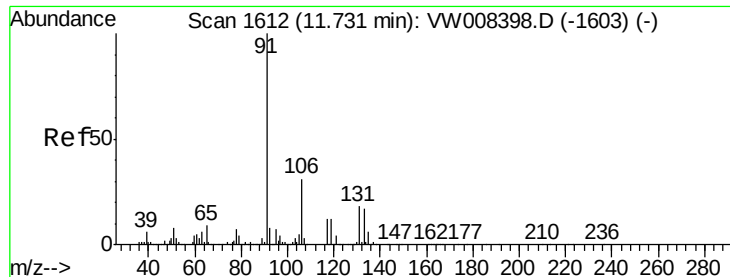
Tgt Ion:112 Resp: 211628
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.652 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion:131 Resp: 73788
Ion Ratio Lower Upper
131 100
133 96.0 47.0 141.2
119 64.9 32.1 96.3

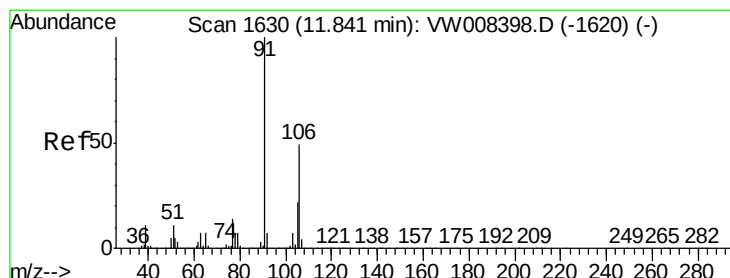
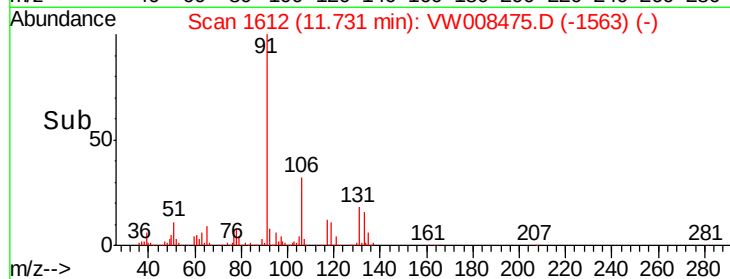
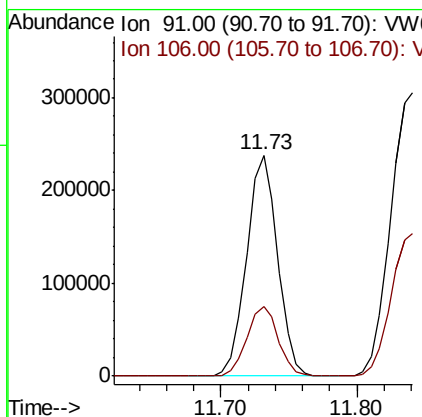
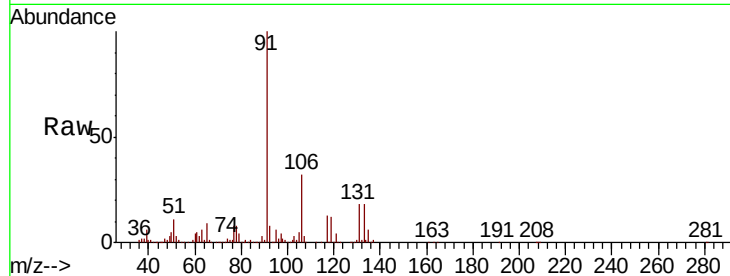




#67
Ethyl Benzene
Concen: 18.669 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

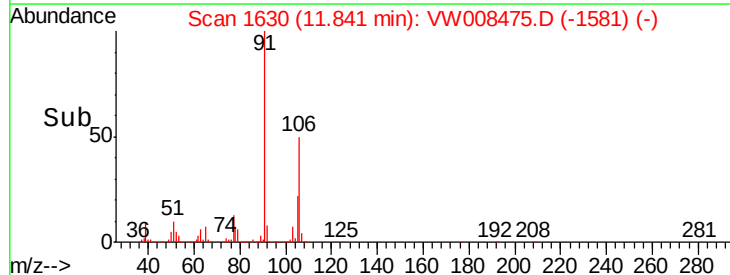
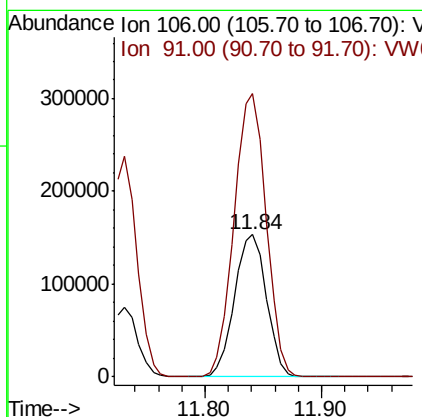
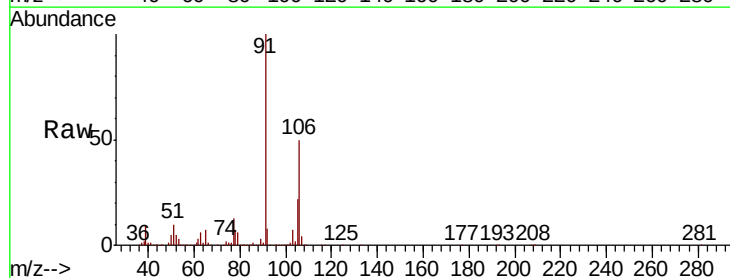
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

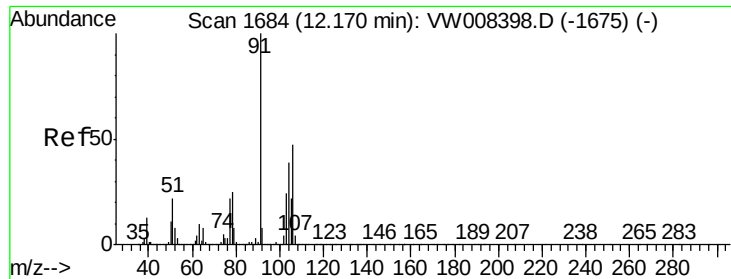
Tgt Ion: 91 Resp: 379448
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 37.295 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 106 Resp: 294103
Ion Ratio Lower Upper
106 100
91 199.7 162.9 244.3

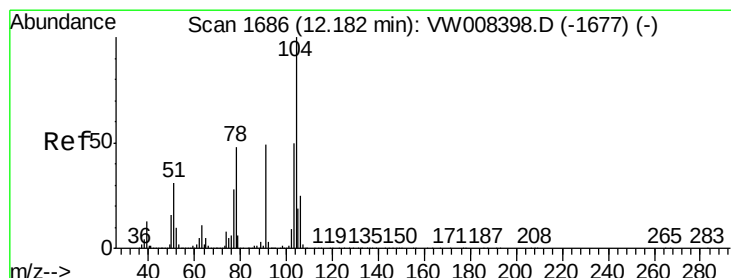
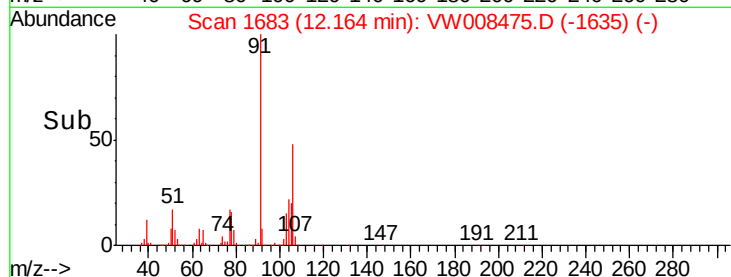
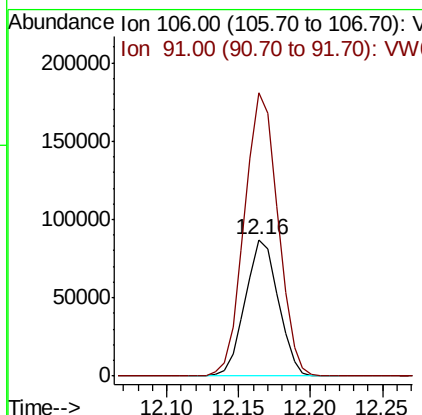
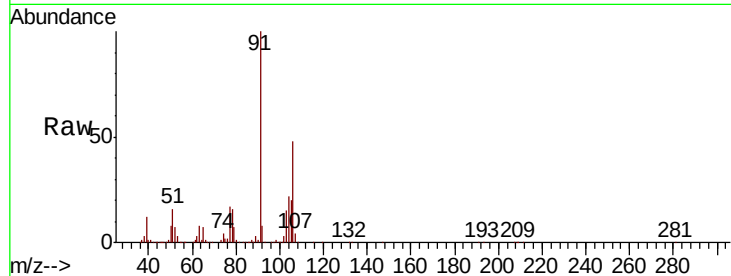




#69
o-Xylene
Concen: 18.485 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

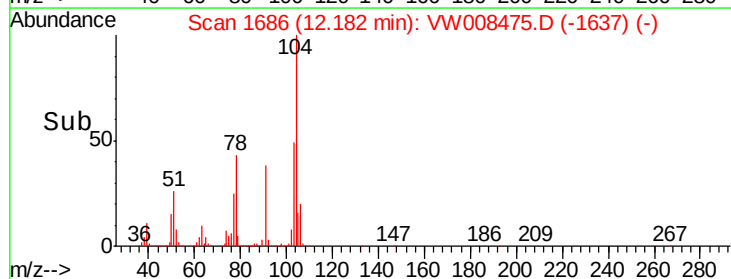
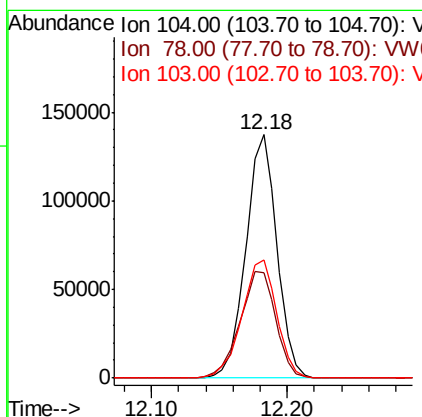
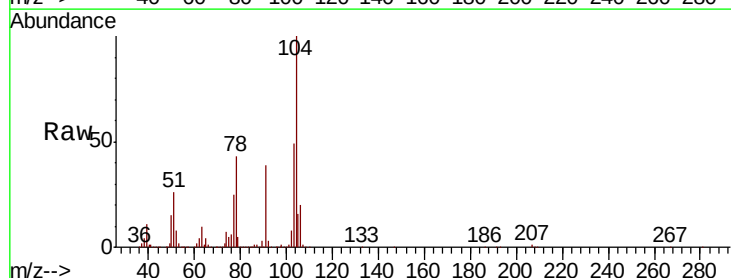
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

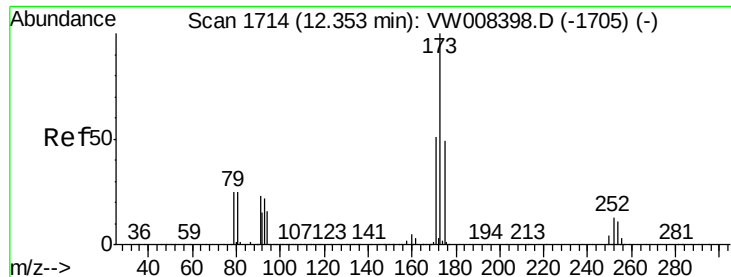
Tgt Ion:106 Resp: 138502
Ion Ratio Lower Upper
106 100
91 210.8 107.5 322.4



#70
Styrene
Concen: 17.753 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion:104 Resp: 219719
Ion Ratio Lower Upper
104 100
78 50.3 42.4 63.6
103 54.1 43.4 65.0





#71

Bromoform

Concen: 16.337 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

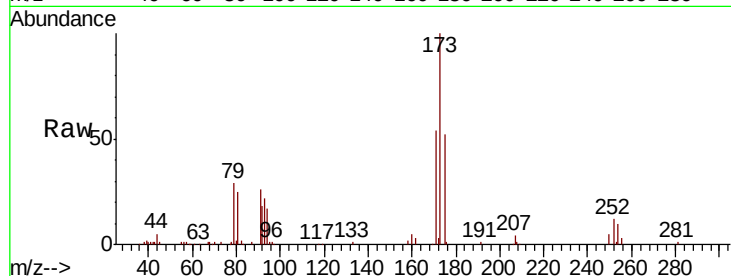
Tgt Ion:173 Resp: 36364

Ion Ratio Lower Upper

173 100

175 49.9 24.4 73.4

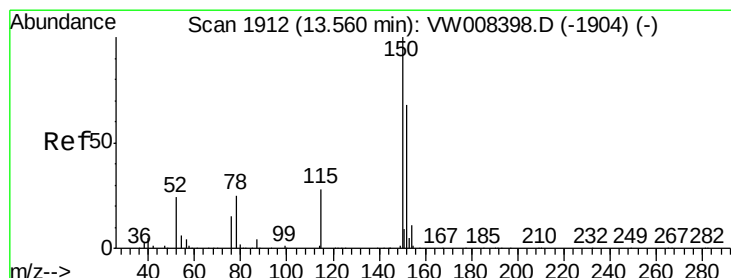
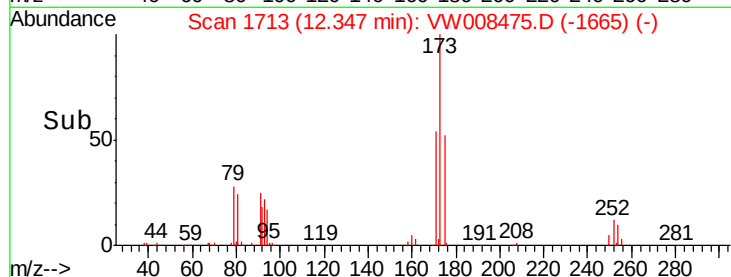
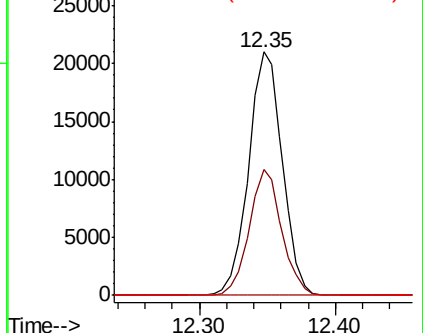
254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

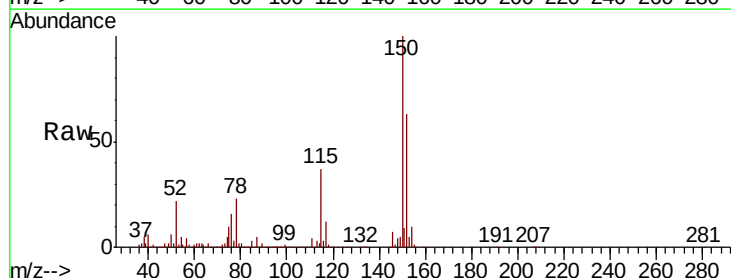
Tgt Ion:152 Resp: 272944

Ion Ratio Lower Upper

152 100

115 57.6 29.9 89.7

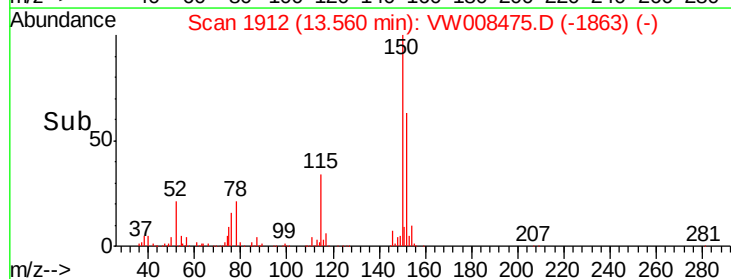
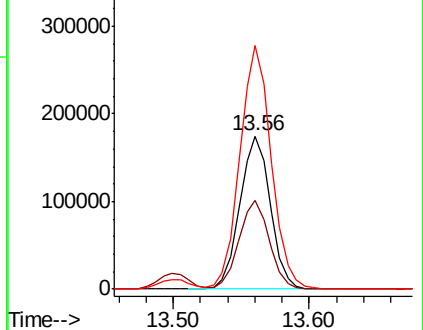
150 163.8 0.0 351.4

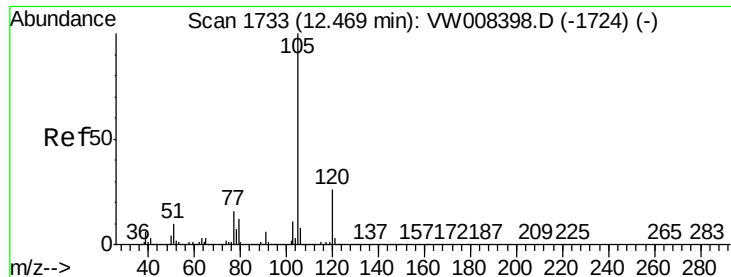


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

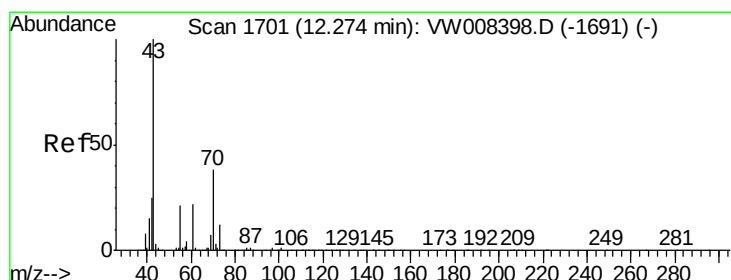
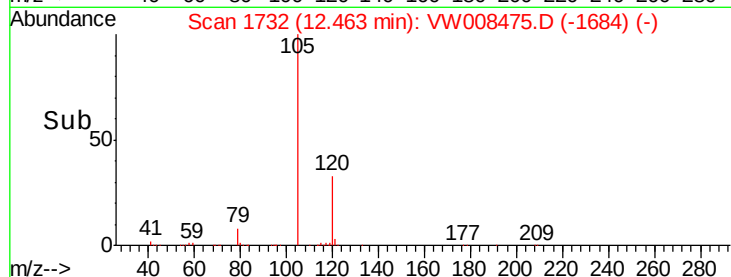
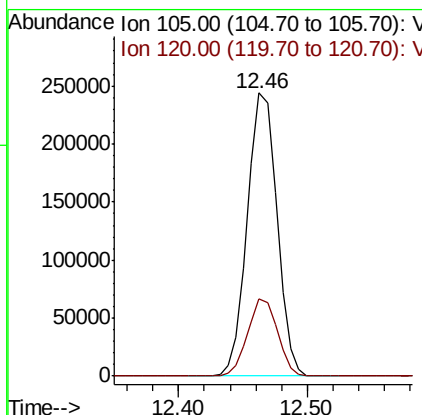
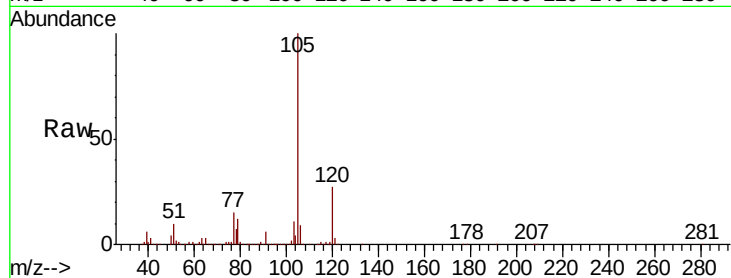




#73
Isopropylbenzene
Concen: 19.103 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

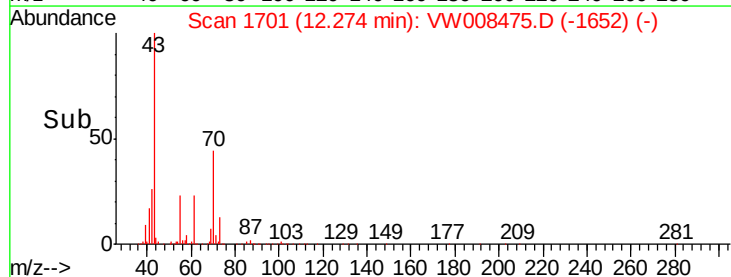
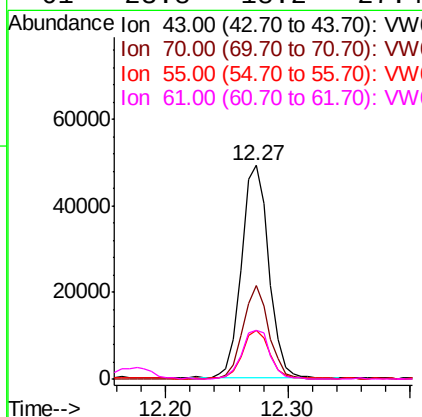
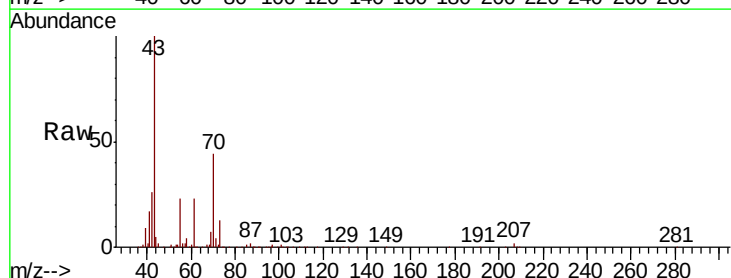
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

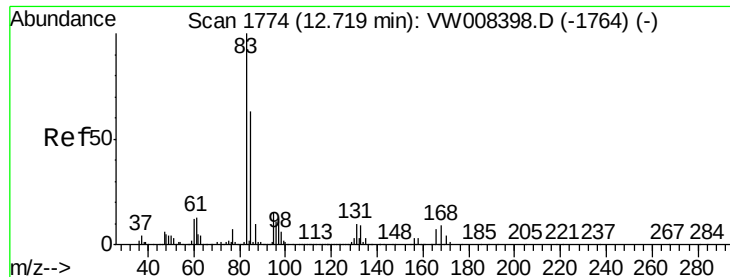
Tgt Ion: 105 Resp: 388708
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.8



#74
N-ethyl acetate
Concen: 14.495 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 43 Resp: 75985
Ion Ratio Lower Upper
43 100
70 41.7 31.0 46.6
55 22.3 17.4 26.2
61 23.8 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 16.393 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

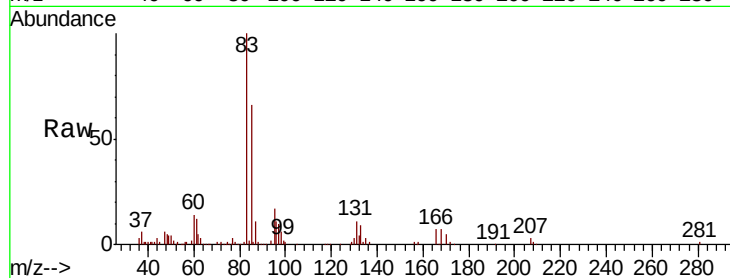
Tgt Ion: 83 Resp: 52810

Ion Ratio Lower Upper

83 100

131 12.3 5.5 16.4

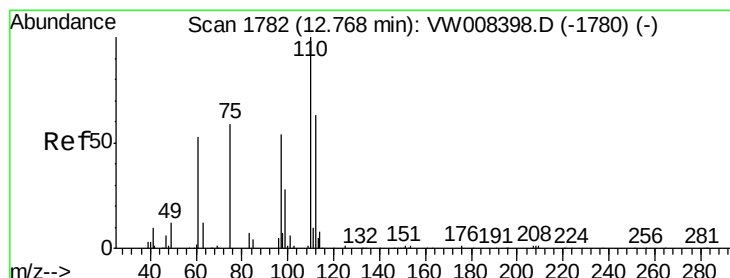
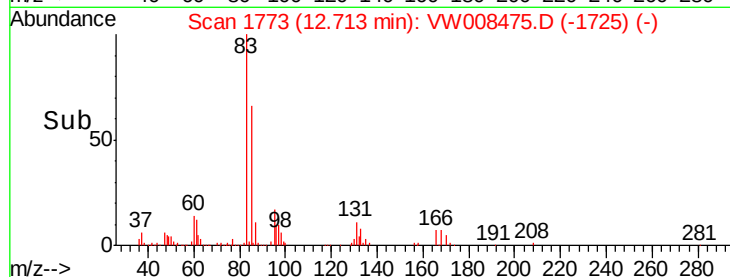
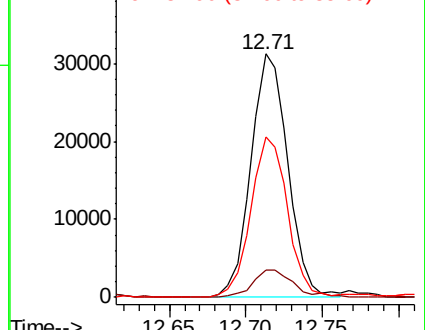
85 65.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 31.499 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008475.D

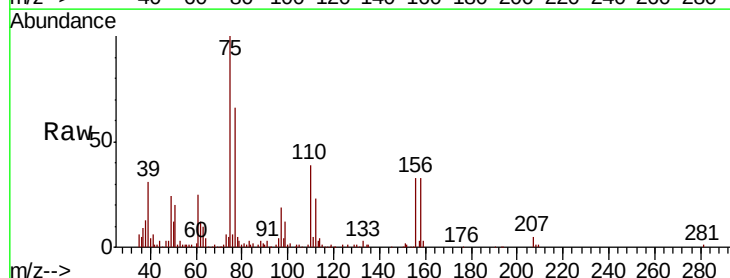
Acq: 01 Feb 2019 12:19

Tgt Ion: 75 Resp: 74750

Ion Ratio Lower Upper

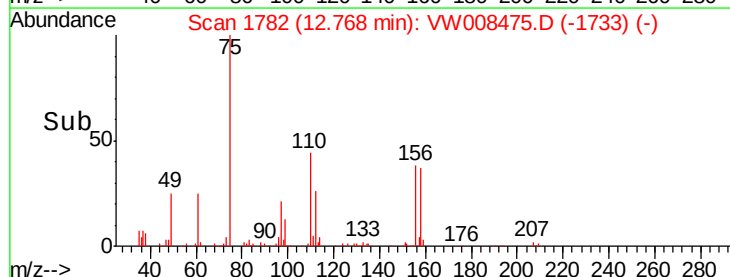
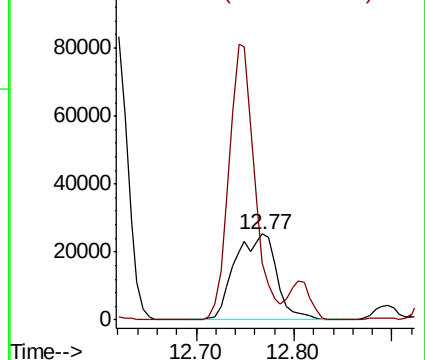
75 100

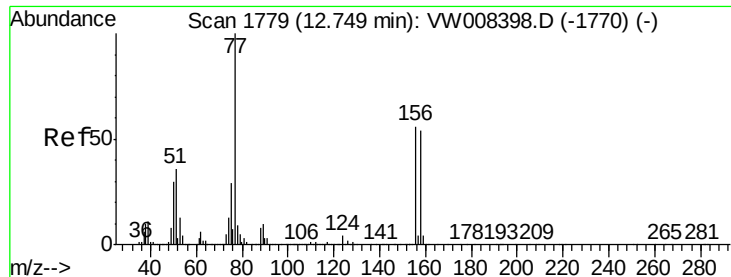
77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

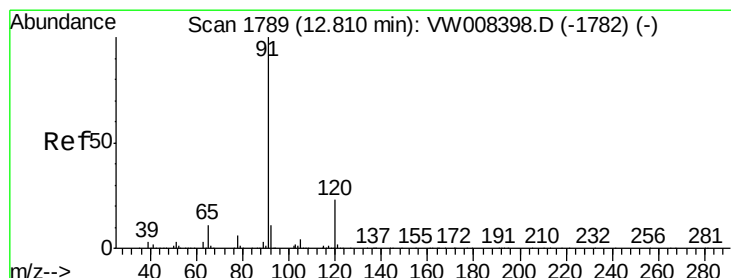
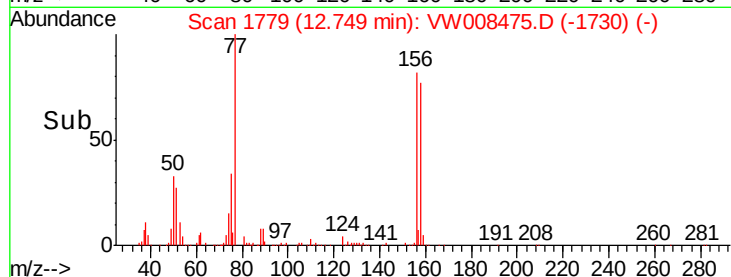
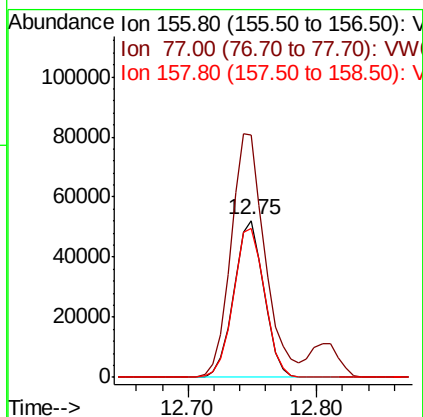
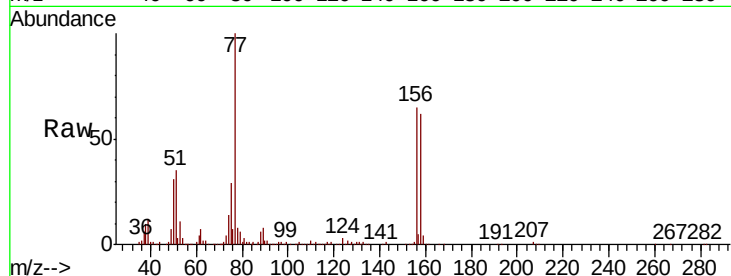




#77
Bromobenzene
Concen: 19.041 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

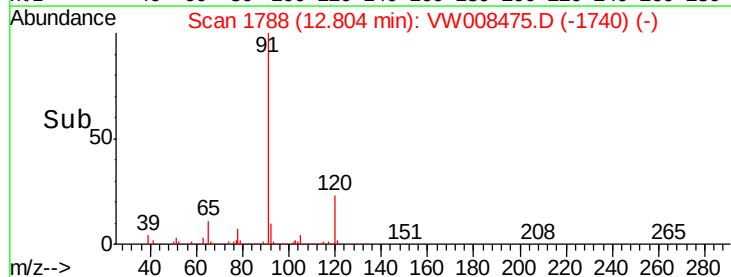
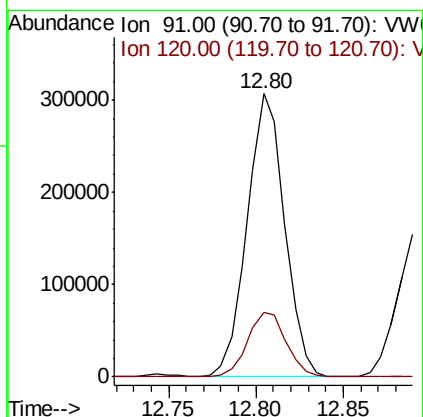
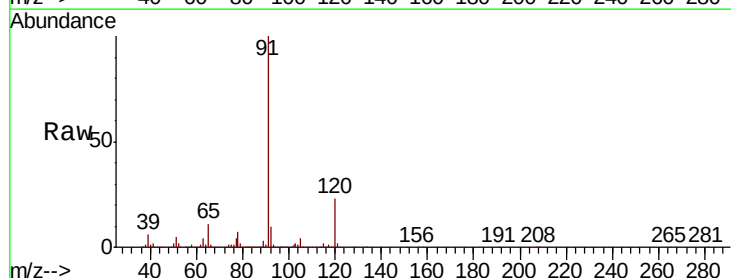
Instrument :
MSVOA_W
ClientSampled :
VW0201SBS01

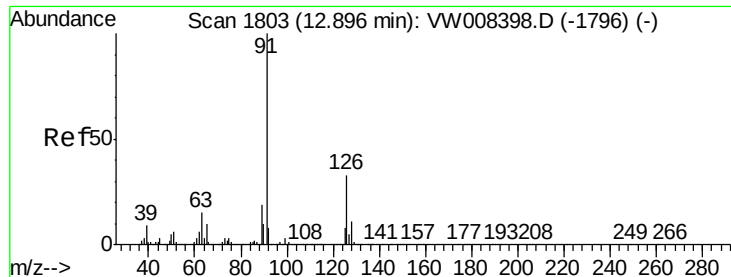
Tgt Ion: 156 Resp: 84619
Ion Ratio Lower Upper
156 100
77 175.6 96.9 290.7
158 98.2 48.8 146.4



#78
n-propylbenzene
Concen: 18.706 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 91 Resp: 457179
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.1





#79

2-Chlorotoluene

Concen: 18.365 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

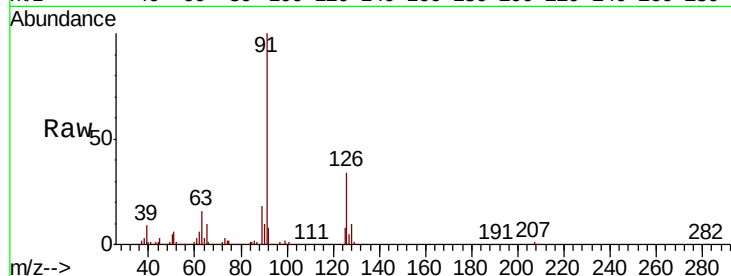
VW0201SBS01

Tgt Ion: 91 Resp: 253273

Ion Ratio Lower Upper

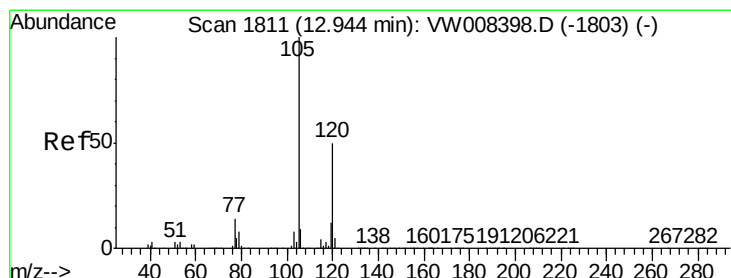
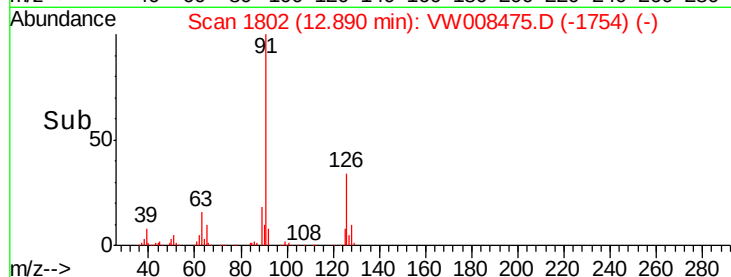
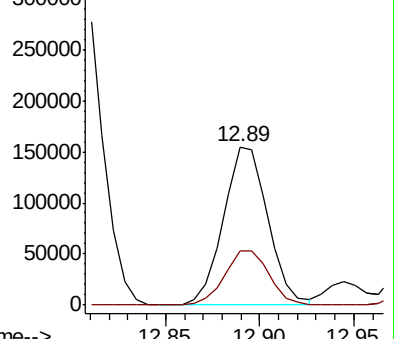
91 100

126 34.7 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.610 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008475.D

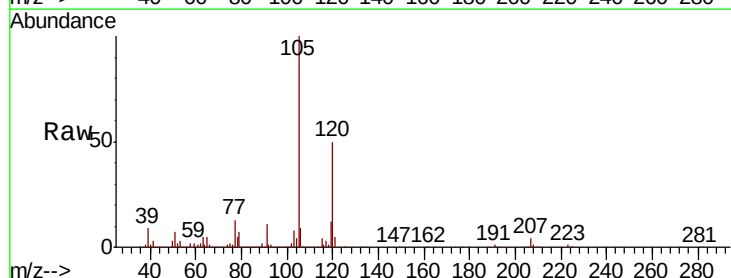
Acq: 01 Feb 2019 12:19

Tgt Ion: 105 Resp: 316520

Ion Ratio Lower Upper

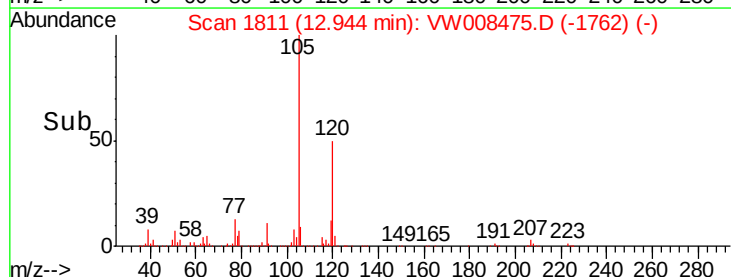
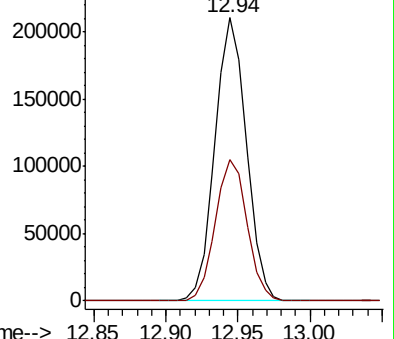
105 100

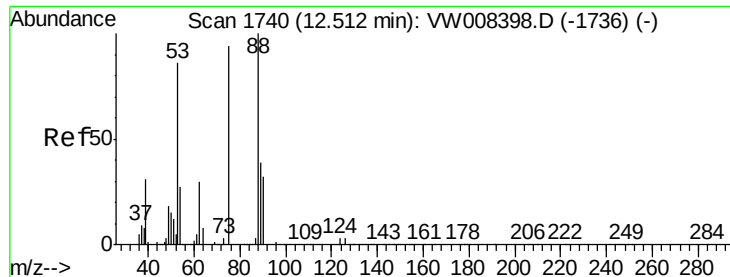
120 50.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.896 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBS01

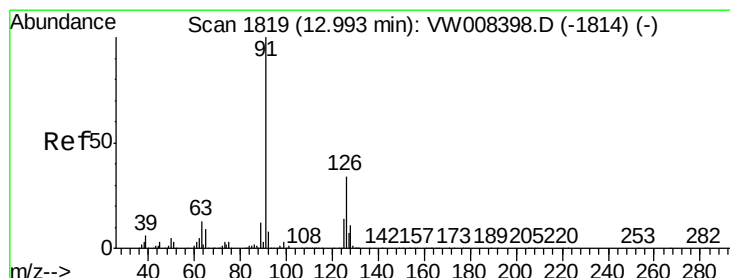
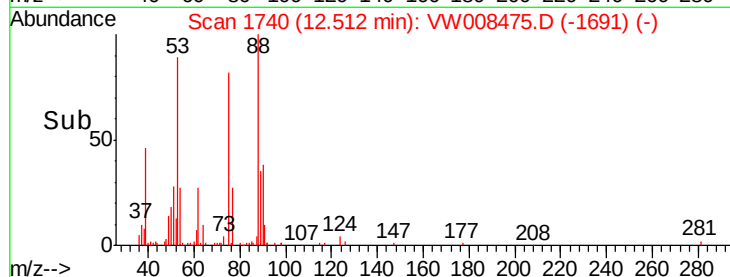
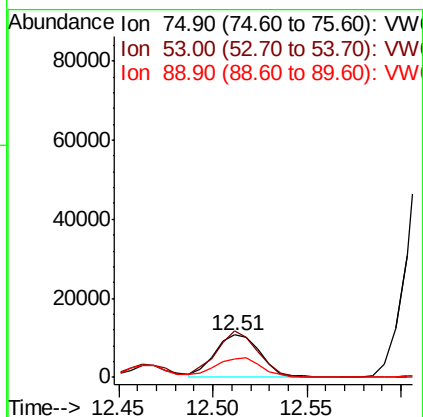
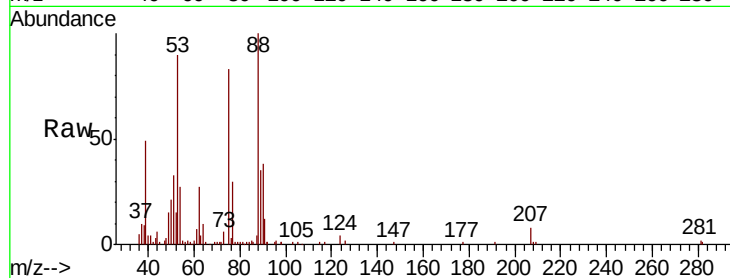
Tgt Ion: 75 Resp: 17897

Ion Ratio Lower Upper

75 100

53 101.6 76.0 114.0

89 46.8 35.4 53.0



#82

4-Chlorotoluene

Concen: 17.897 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008475.D

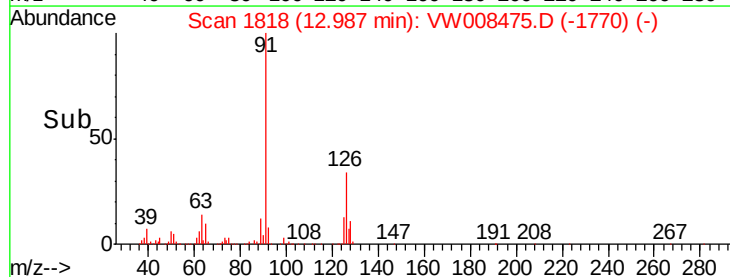
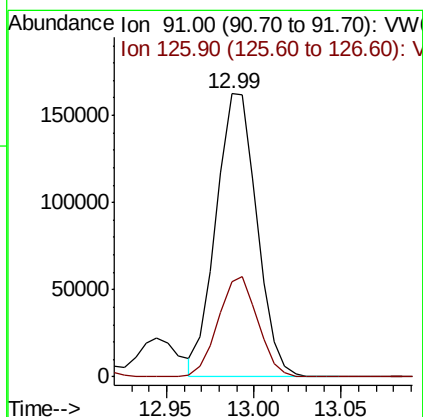
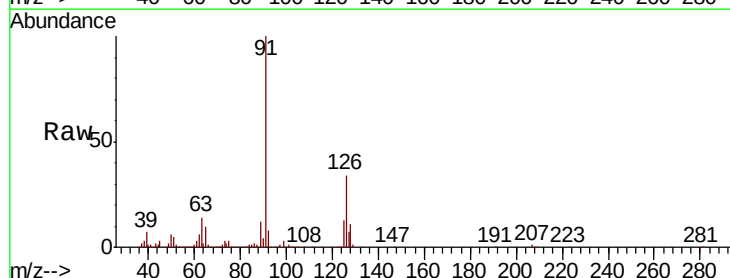
Acq: 01 Feb 2019 12:19

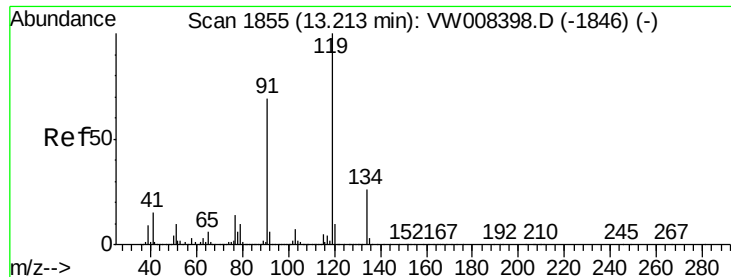
Tgt Ion: 91 Resp: 262784

Ion Ratio Lower Upper

91 100

126 34.6 16.4 49.2

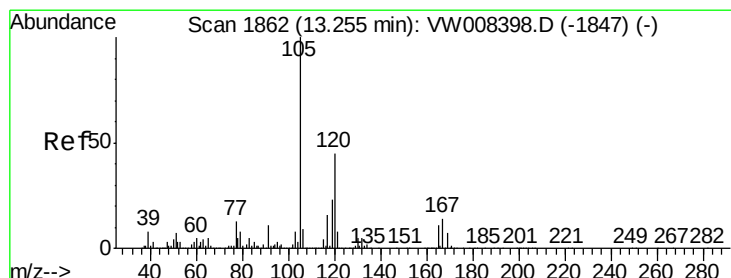
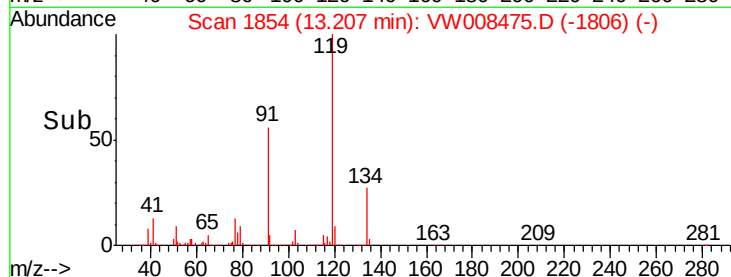
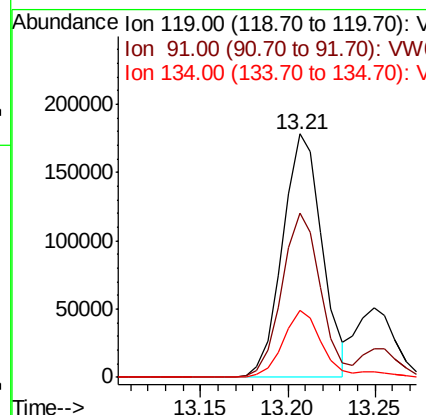
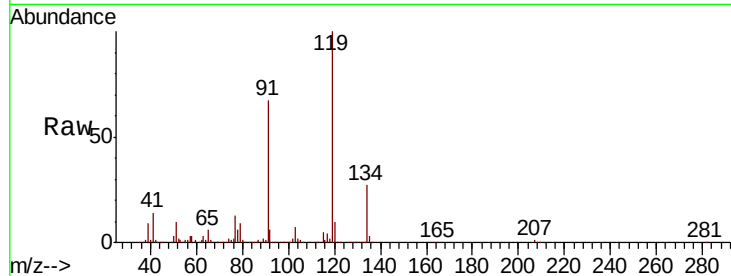




#83
tert-Butylbenzene
Concen: 18.647 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

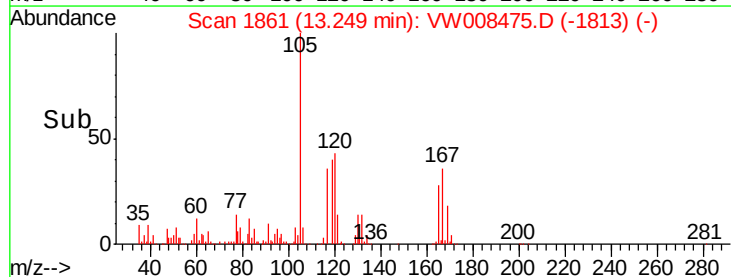
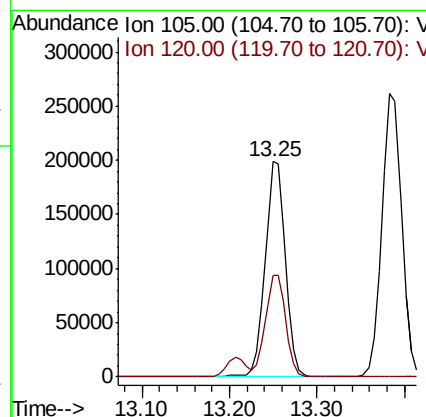
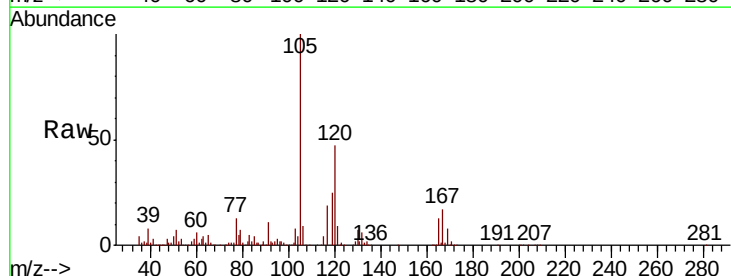
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

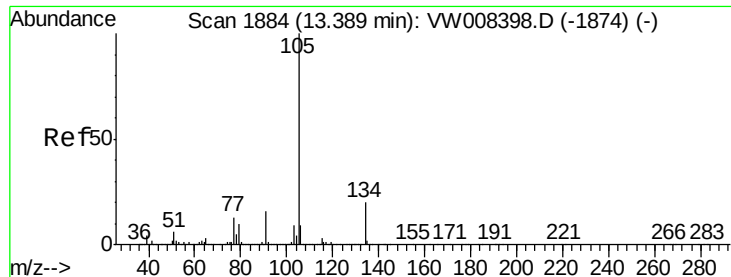
Tgt Ion:119 Resp: 282225
Ion Ratio Lower Upper
119 100
91 66.6 33.8 101.4
134 28.2 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 18.609 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion:105 Resp: 321700
Ion Ratio Lower Upper
105 100
120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.906 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

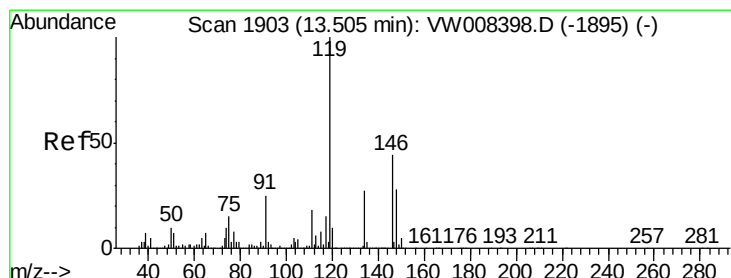
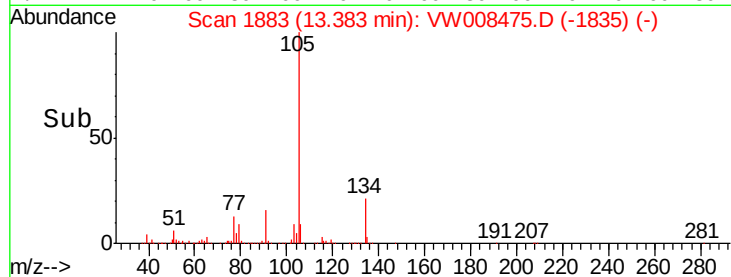
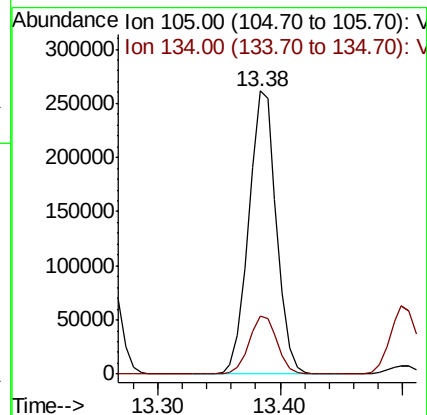
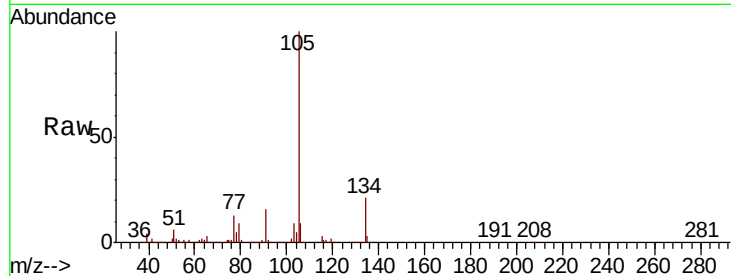
VW0201SBS01

Tgt Ion:105 Resp: 408659

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.045 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008475.D

Acq: 01 Feb 2019 12:19

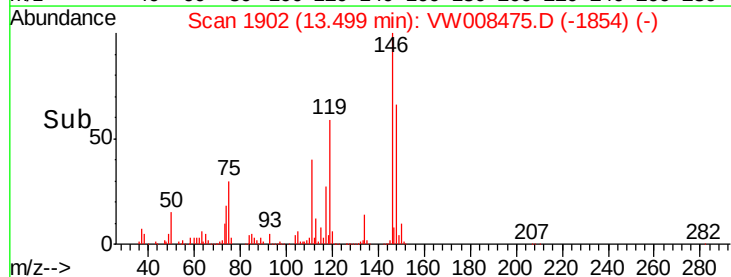
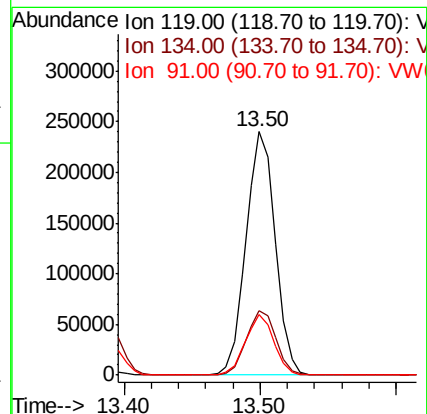
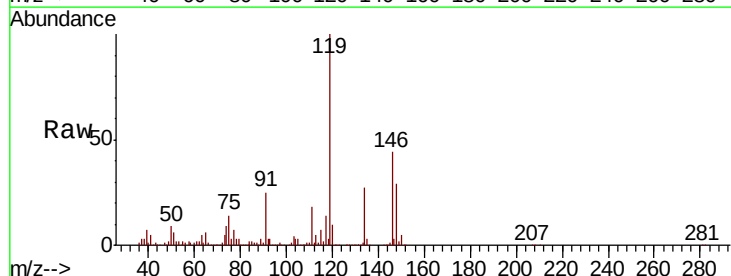
Tgt Ion:119 Resp: 360596

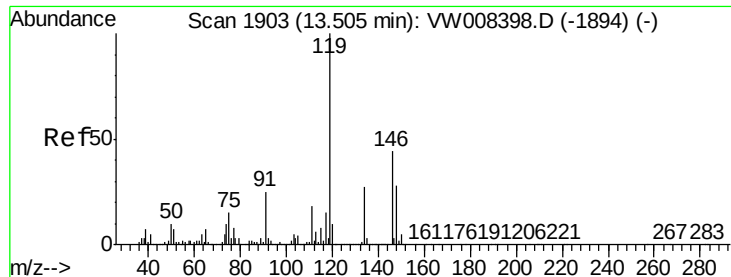
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 24.0 12.6 37.6

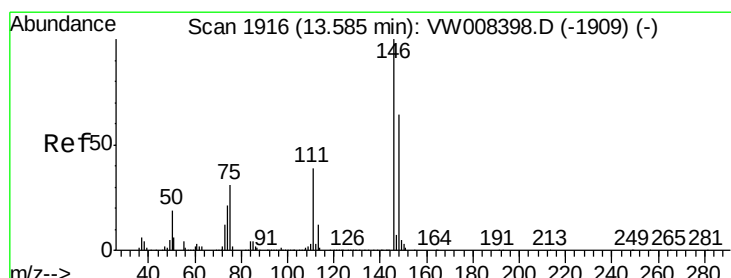
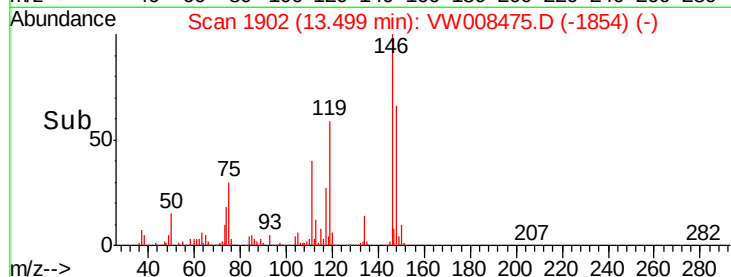
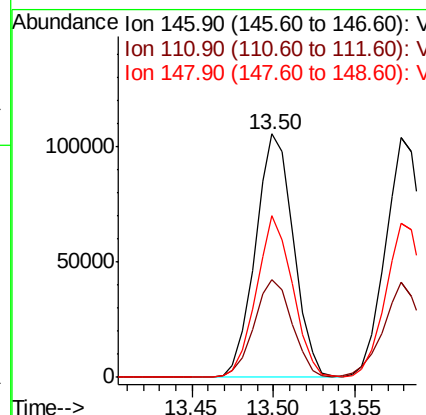
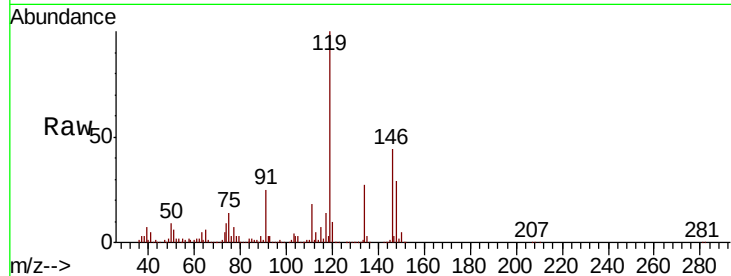




#87
 1,3-Dichlorobenzene
 Concen: 19.003 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

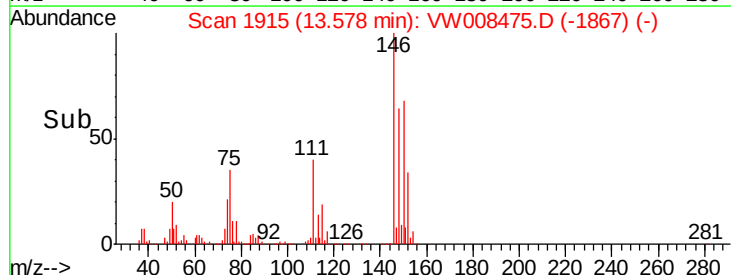
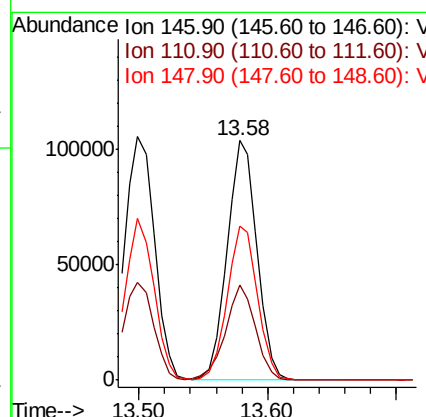
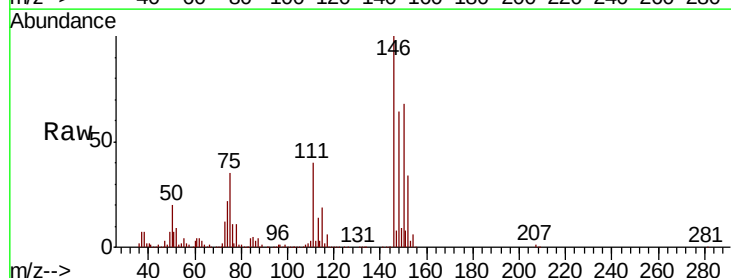
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

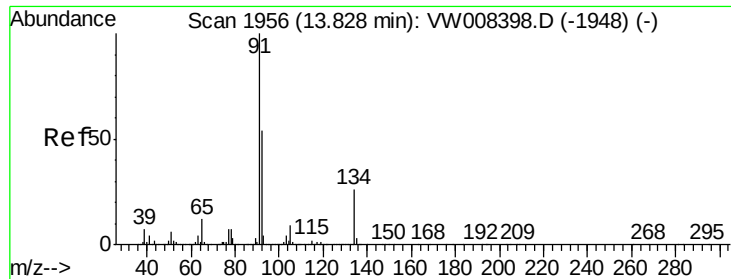
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.904 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.8	32.0	96.2

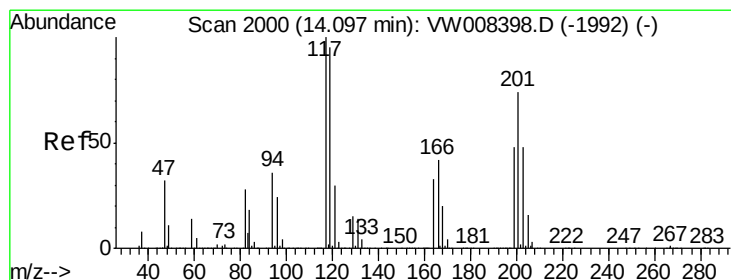
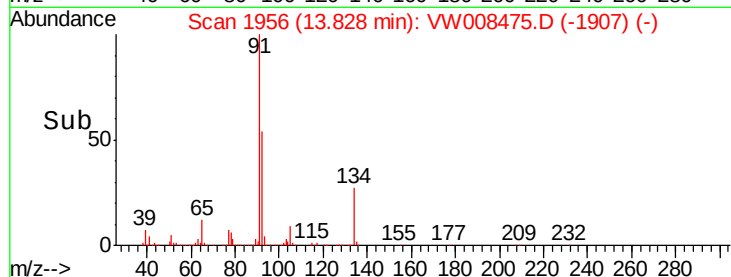
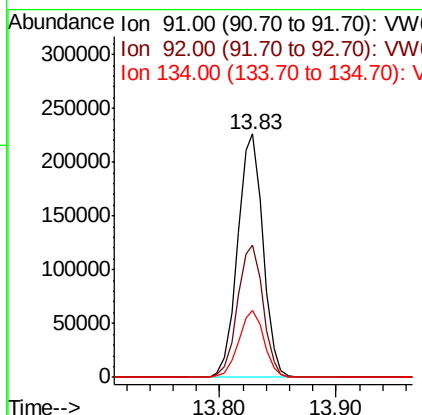
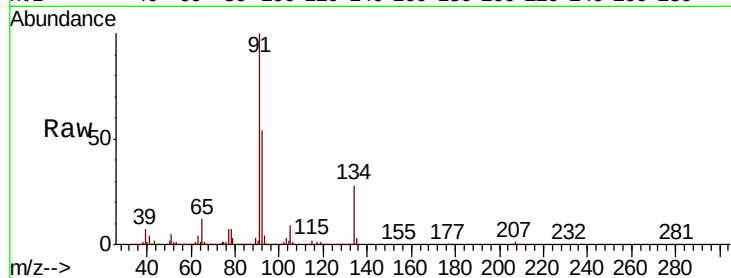




#89
n-Butylbenzene
Concen: 18.427 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

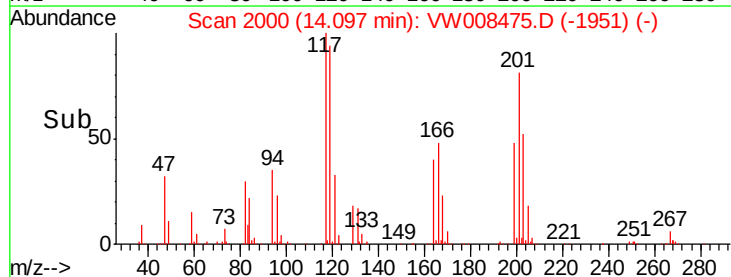
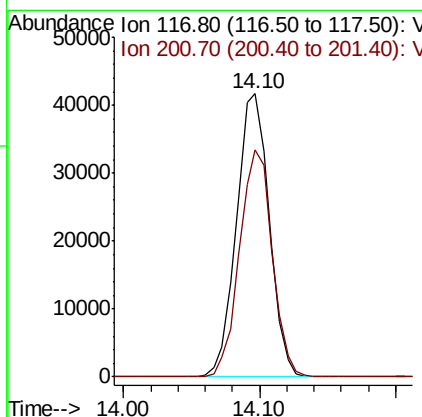
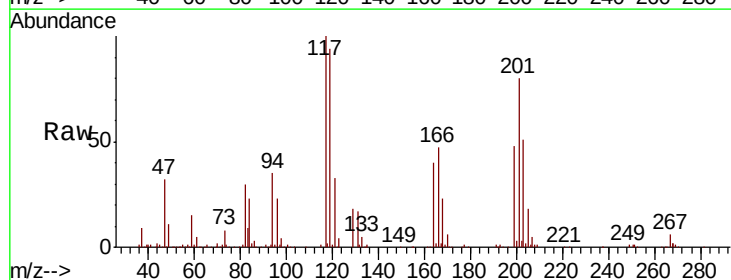
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

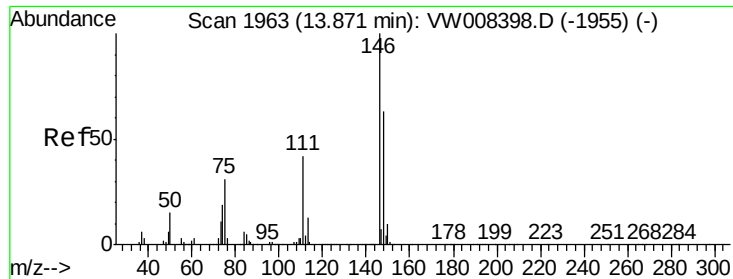
Tgt Ion: 91 Resp: 342566
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.5 13.0 39.0



#90
Hexachloroethane
Concen: 18.947 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion: 117 Resp: 70154
Ion Ratio Lower Upper
117 100
201 79.8 39.1 117.5

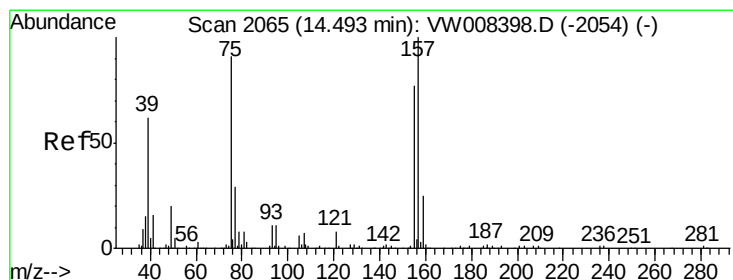
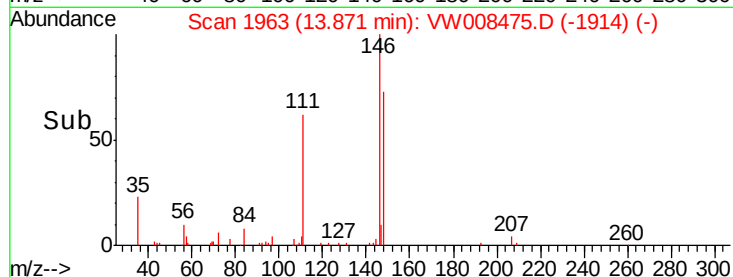
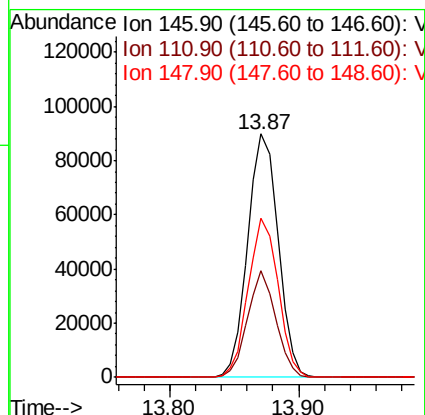
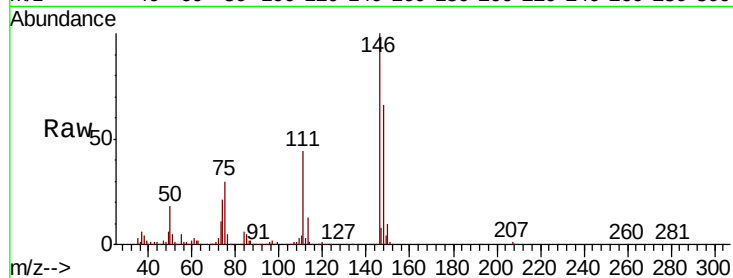




#91
 1,2-Dichlorobenzene
 Concen: 18.449 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

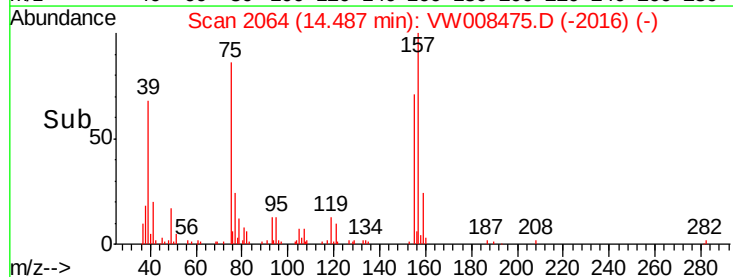
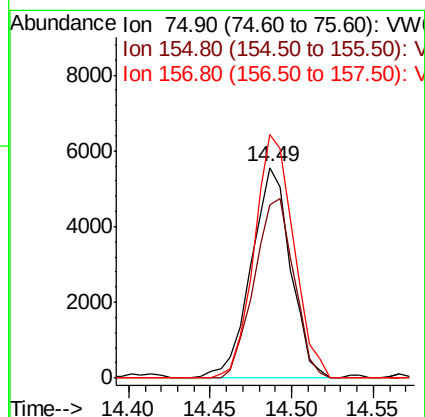
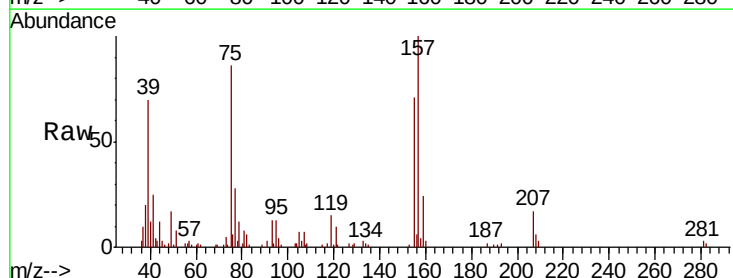
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

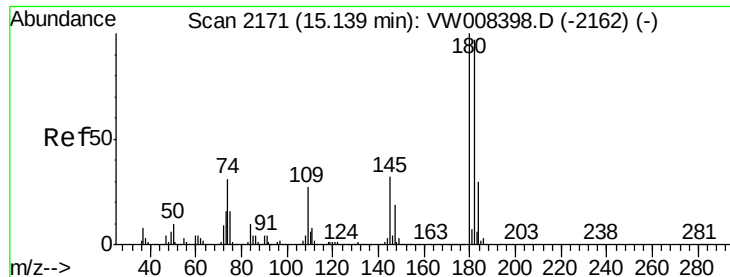
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.3
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.278 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	42.7	128.1
157	115.5	55.5	166.3

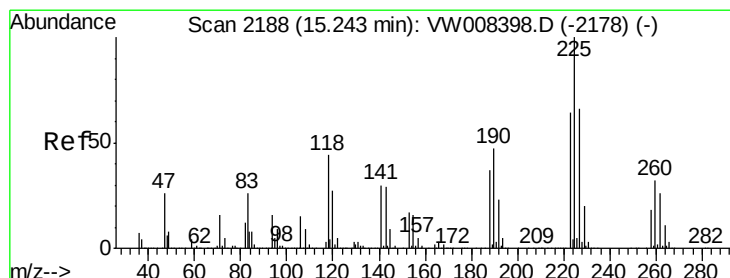
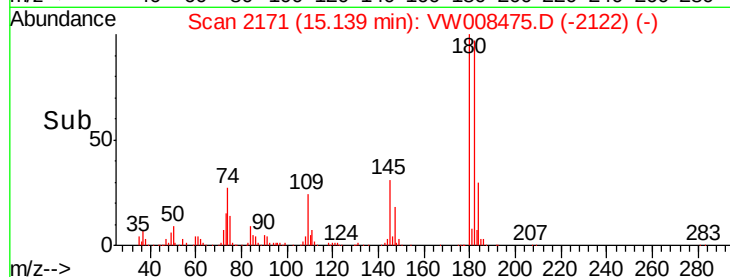
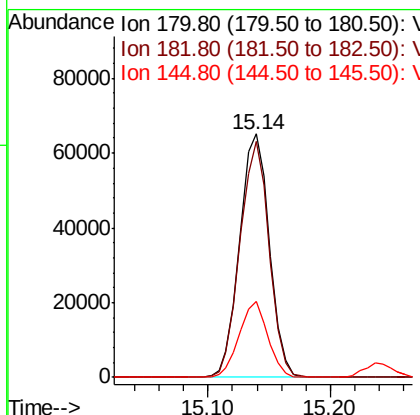
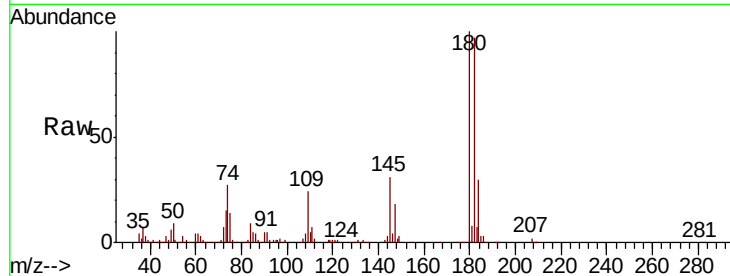




#93
 1,2,4-Trichlorobenzene
 Concen: 19.328 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

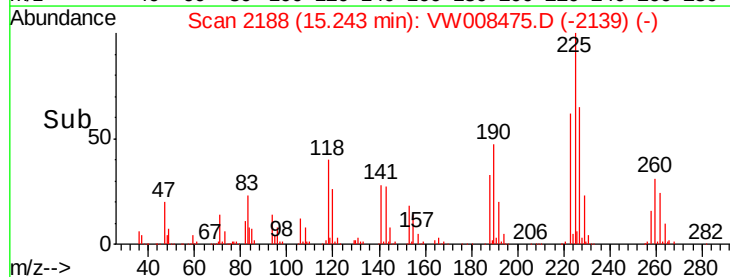
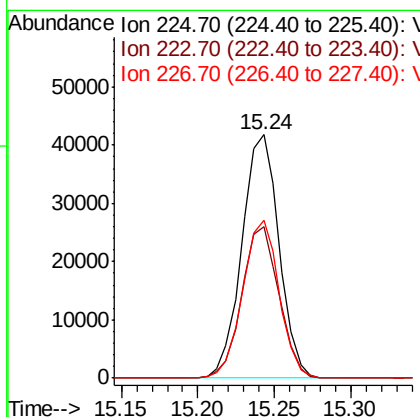
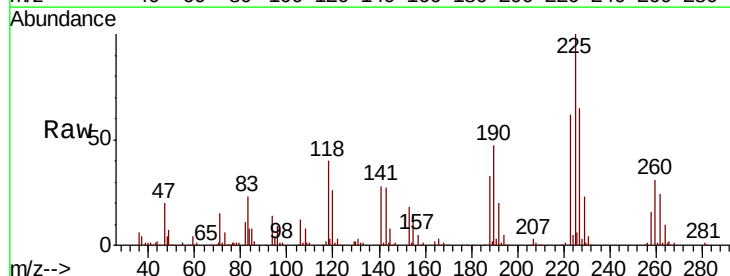
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

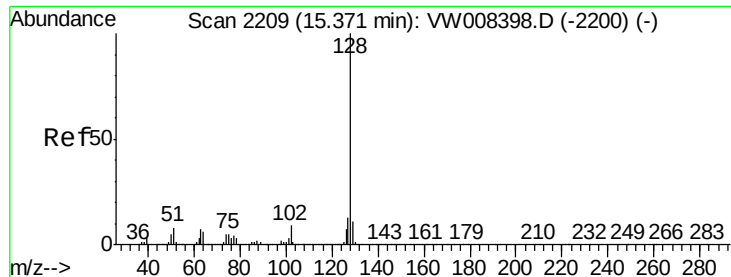
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.7
145	30.1	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 20.638 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008475.D
 Acq: 01 Feb 2019 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.7	95.1
227	63.9	32.1	96.3

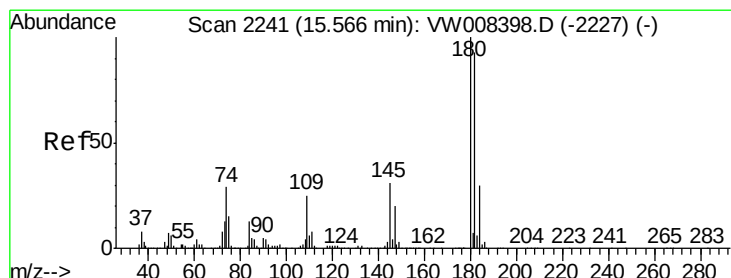
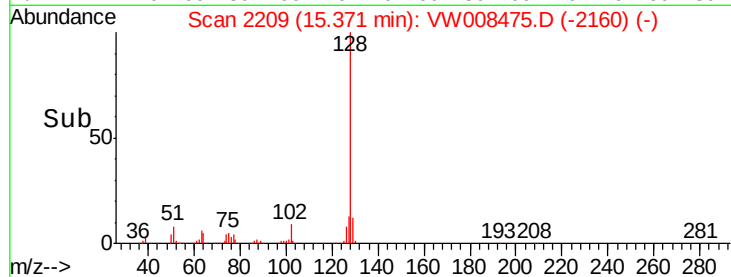
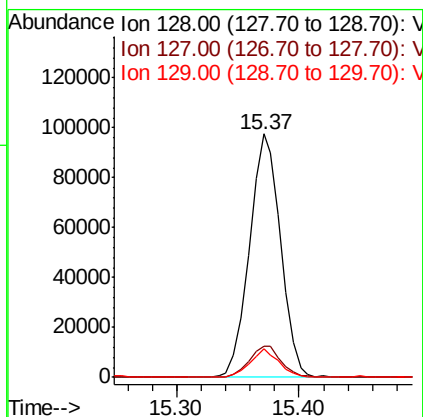
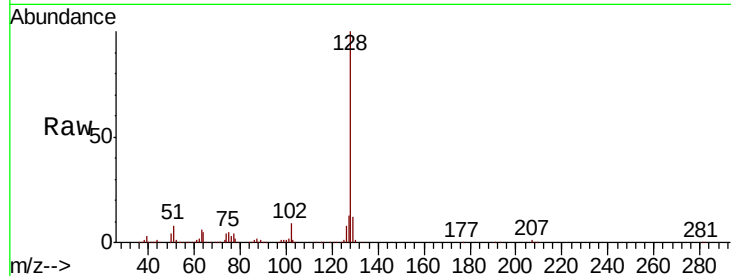




#95
Naphthalene
Concen: 17.341 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Instrument :
MSVOA_W
ClientSampleId :
VW0201SBS01

Tgt Ion:128 Resp: 172545
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.222 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008475.D
Acq: 01 Feb 2019 12:19

Tgt Ion:180 Resp: 92401
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.2
145 32.3 15.9 47.6

