

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008482.D
 Acq On : 01 Feb 2019 15:30
 Operator : SY/VA
 Sample : K1297-02MS
 Misc : 3.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

Quant Time: Feb 02 00:43:21 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	7.95	168	269853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	164947	62.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.44%	
35) Dibromofluoromethane	7.88	113	144341	59.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.18%	
50) Toluene-d8	10.32	98	465301	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.62	95	118522	31.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	84410	53.860	ug/l	98
3) Chloromethane	2.21	50	115857	52.597	ug/l	100
4) Vinyl Chloride	2.36	62	154386	55.058	ug/l	98
5) Bromomethane	2.78	94	115679	63.960	ug/l	96
6) Chloroethane	2.92	64	115671	67.452	ug/l	98
7) Trichlorofluoromethane	3.25	101	128713	52.513	ug/l	99
8) Diethyl Ether	3.68	74	98986	73.554	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	127235	52.131	ug/l	98
10) Methyl Iodide	4.26	142	209289	54.289	ug/l	99
11) Tert butyl alcohol	5.18	59	89263	418.211	ug/l	99
12) 1,1-Dichloroethene	4.03	96	138418	56.039	ug/l	98
13) Acrolein	3.88	56	16806	91.935	ug/l	94
14) Allyl chloride	4.65	41	256402	54.666	ug/l	99
15) Acrylonitrile	5.37	53	227900	392.182	ug/l	99
16) Acetone	4.12	43	242465	407.276	ug/l	98
17) Carbon Disulfide	4.37	76	332497	42.148	ug/l	99
18) Methyl Acetate	4.67	43	469285	295.542	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	329666	80.667	ug/l	98
20) Methylene Chloride	4.90	84	176113	64.183	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	144489	52.032	ug/l	93
22) Diisopropyl ether	6.31	45	534464	60.125	ug/l	98
23) Vinyl Acetate	6.31	43	278678	53.092	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	296319	58.890	ug/l	98
25) 2-Butanone	7.17	43	350443	423.800	ug/l	99
26) 2,2-Dichloropropane	7.16	77	188080	55.299	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	169914	56.144	ug/l	96
28) Bromochloromethane	7.51	49	129752	56.143	ug/l	95
29) Tetrahydrofuran	7.52	42	233147	444.928	ug/l	96
30) Chloroform	7.67	83	293488	59.301	ug/l	97
31) Cyclohexane	7.95	56	173457	33.339	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	240778	56.326	ug/l	98
36) 1,1-Dichloropropene	8.08	75	188048	48.057	ug/l	99
37) Ethyl Acetate	7.25	43	30616	17.685	ug/l #	80
38) Carbon Tetrachloride	8.06	117	207636	52.731	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	116949	22.751	ug/l	99
40) Benzene	8.32	78	610535	56.229	ug/l	99
41) Methacrylonitrile	7.48	41	81641	79.643	ug/l	99
42) 1,2-Dichloroethane	8.40	62	212499	67.532	ug/l	99
43) Isopropyl Acetate	8.42	43	126793	35.253	ug/l #	86
44) Trichloroethene	9.09	130	147989	50.120	ug/l	98
45) 1,2-Dichloropropane	9.37	63	161282	59.572	ug/l	100
46) Dibromomethane	9.46	93	95268	68.416	ug/l	96
47) Bromodichloromethane	9.64	83	221185	60.053	ug/l	99
48) Methyl methacrylate	9.43	41	189387	107.690	ug/l	98
49) 1,4-Dioxane	9.45	88	38520	1636.558	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	766820	431.558	ug/l	99
52) Toluene	10.38	92	347976	48.548	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	213344	54.436	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	241125	54.215	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	132958	68.839	ug/l	99
56) Ethyl methacrylate	10.65	69	48445	17.900	ug/l	96
57) 1,3-Dichloropropane	10.93	76	229838	66.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	463083	352.167	ug/l	96
59) 2-Hexanone	10.97	43	517884	412.857	ug/l	100
60) Dibromochloromethane	11.13	129	150483	60.628	ug/l	99
61) 1,2-Dibromoethane	11.23	107	126774	66.196	ug/l	100
64) Tetrachloroethene	10.86	164	99707	50.699	ug/l	96
65) Chlorobenzene	11.66	112	321906	54.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	144713	68.213	ug/l	99
67) Ethyl Benzene	11.73	91	547813	50.261	ug/l	98
68) m/p-Xylenes	11.84	106	410036	96.960	ug/l	96
69) o-Xylene	12.16	106	205262	51.084	ug/l	99
70) Styrene	12.18	104	309920	46.695	ug/l	98
71) Bromoform	12.35	173	93384	78.236	ug/l #	100
73) Isopropylbenzene	12.46	105	453964	68.718	ug/l	100
74) N-amyl acetate	12.27	43	4178	2.455	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.71	83	149573	143.010	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	194584	252.569	ug/l #	1
77) Bromobenzene	12.75	156	116544	80.780	ug/l	95
78) n-propylbenzene	12.80	91	439650	55.410	ug/l	98
79) 2-Chlorotoluene	12.89	91	276616	61.781	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	327436	59.300	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	48757	124.995	ug/l	96
82) 4-Chlorotoluene	12.99	91	270770	56.801	ug/l	97
83) tert-Butylbenzene	13.21	119	270421	55.035	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	335024	59.694	ug/l	100
85) sec-Butylbenzene	13.38	105	299162	42.632	ug/l	99
86) p-Isopropyltoluene	13.50	119	275253	44.780	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	149090	51.168	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	152065	52.515	ug/l	97
89) n-Butylbenzene	13.82	91	182897	30.304	ug/l	99
90) Hexachloroethane	14.10	117	51204	42.596	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	145481	56.429	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25925	130.639	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

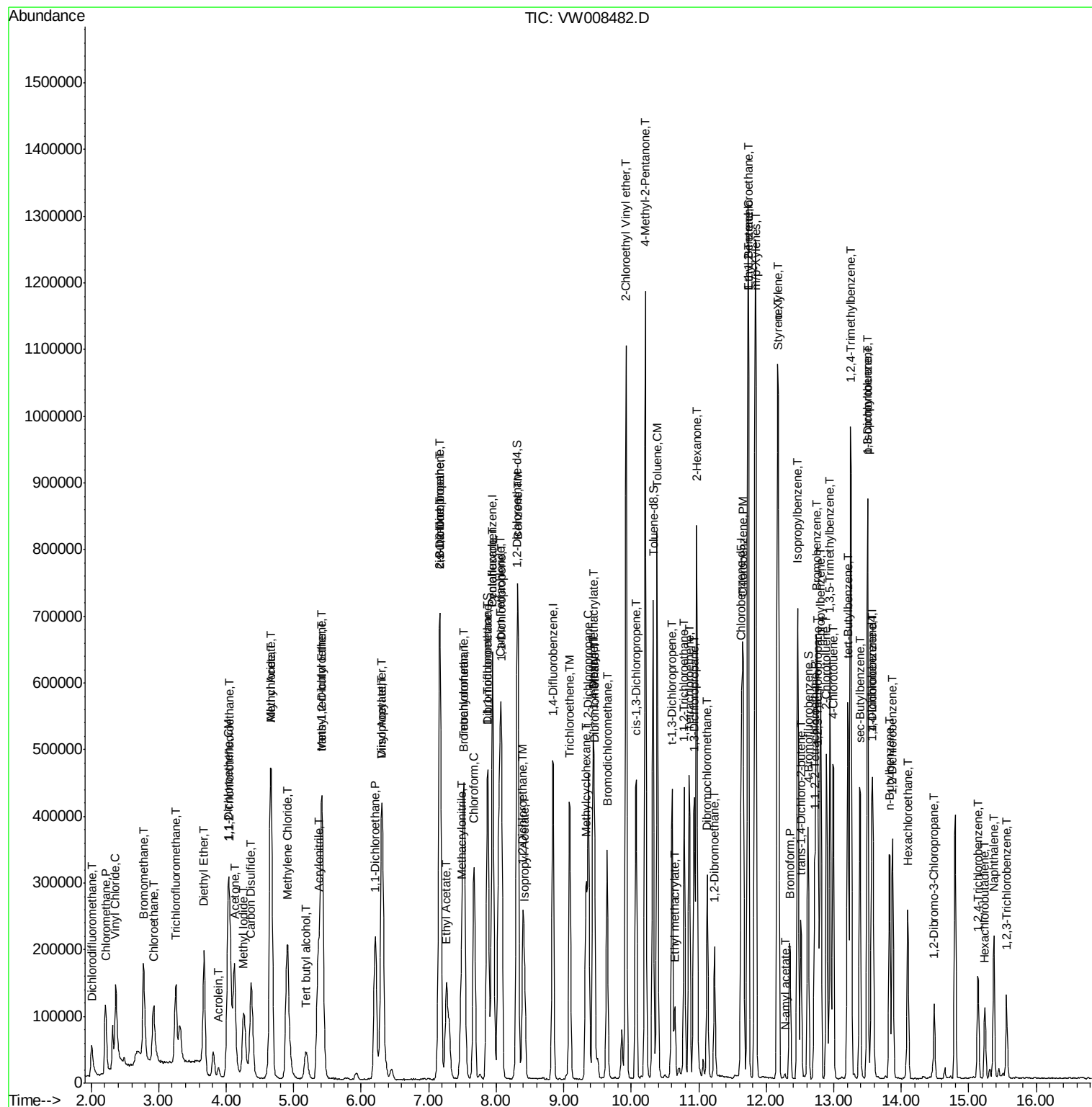
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	47969	26.073	ug/l	99
94) Hexachlorobutadiene	15.24	225	19627	17.702	ug/l	99
95) Naphthalene	15.37	128	178574	55.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	41424	26.543	ug/l	97

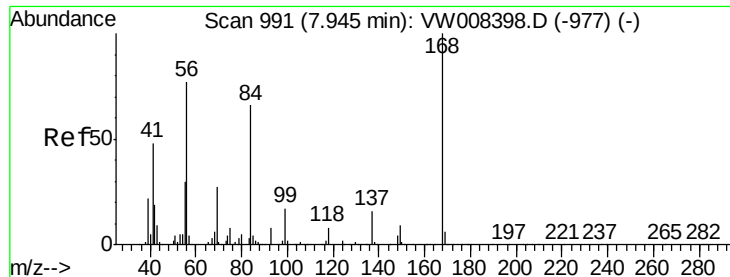
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

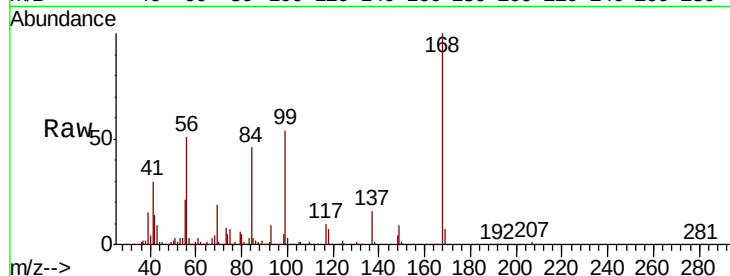
A0C17-SS1MS

Tgt Ion: 168 Resp: 269853

Ion Ratio Lower Upper

168 100

99 53.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

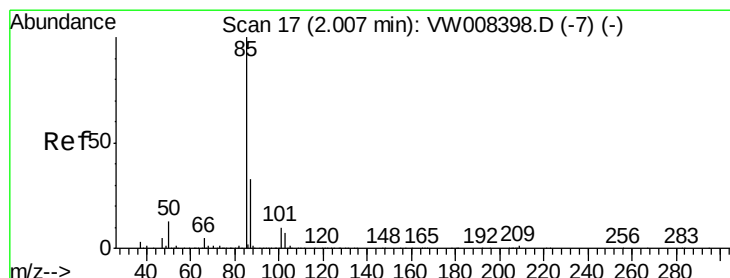
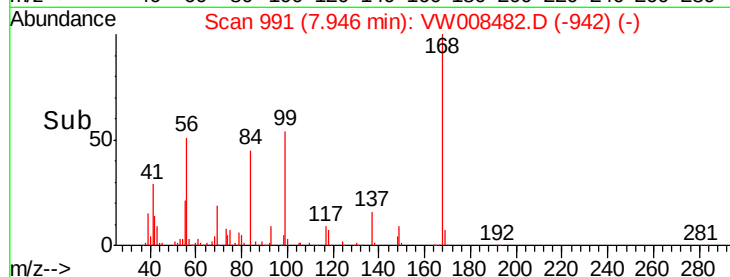
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 53.860 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008482.D

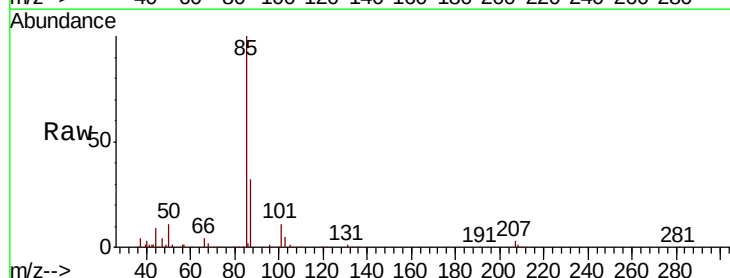
Acq: 01 Feb 2019 15:30

Tgt Ion: 85 Resp: 84410

Ion Ratio Lower Upper

85 100

87 32.1 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

30000

25000

20000

15000

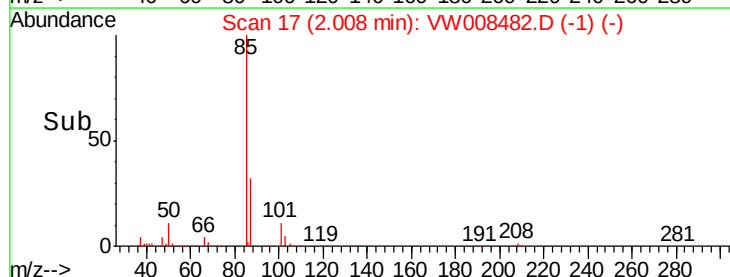
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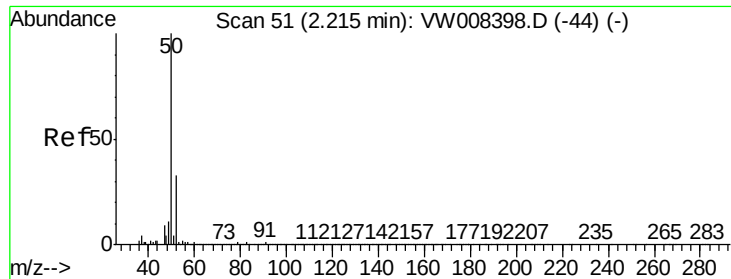
5000

0

1.90 2.00 2.10 2.20

Time-->

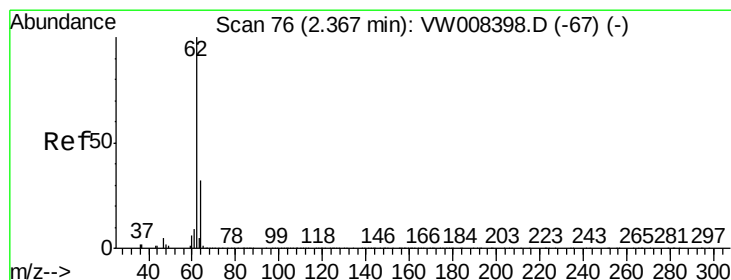
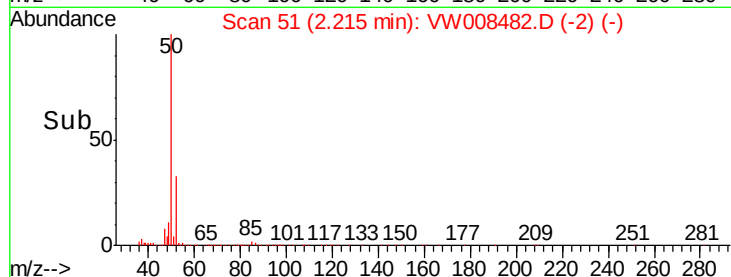
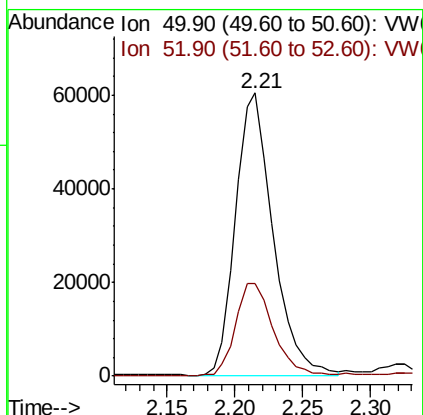
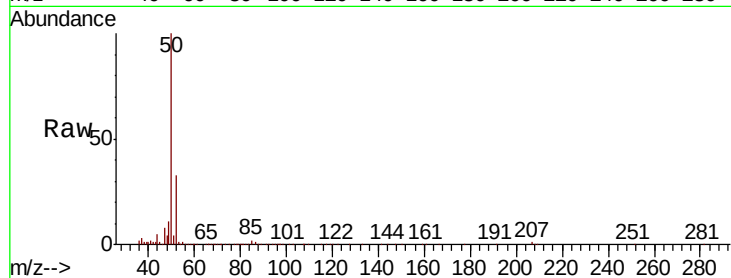




#3
Chloromethane
Concen: 52.597 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

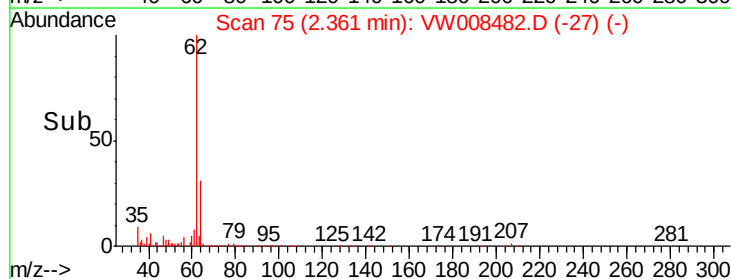
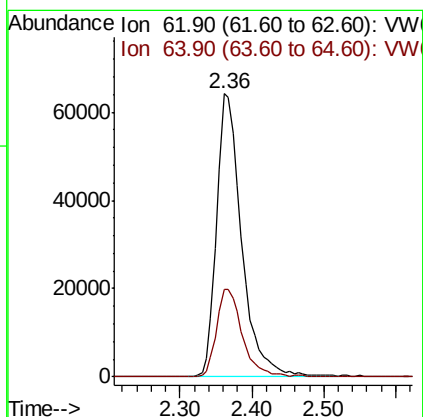
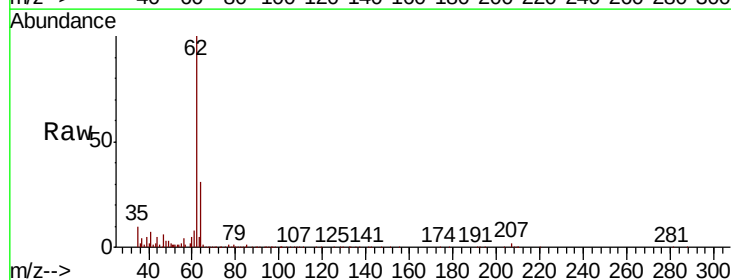
Instrument :
MSVOA_W
ClientSampleId :
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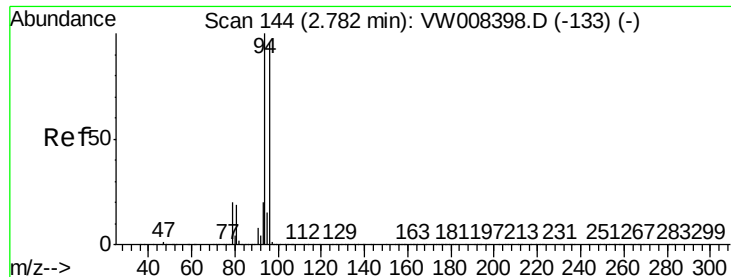
Tgt Ion: 50 Resp: 115857
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 55.058 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion: 62 Resp: 154386
Ion Ratio Lower Upper
62 100
64 30.8 25.5 38.3





#5

Bromomethane

Concen: 63.960 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

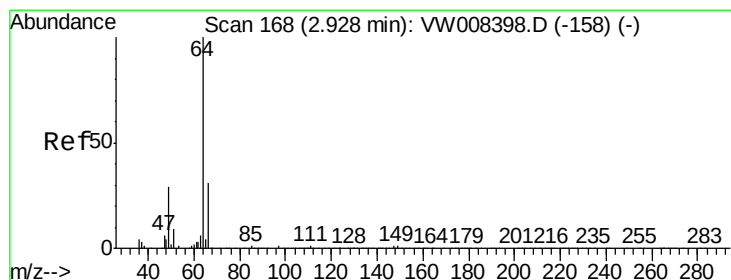
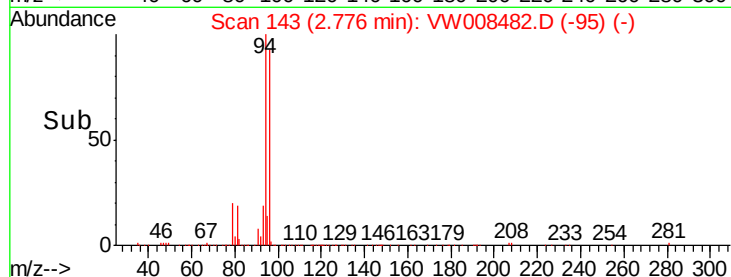
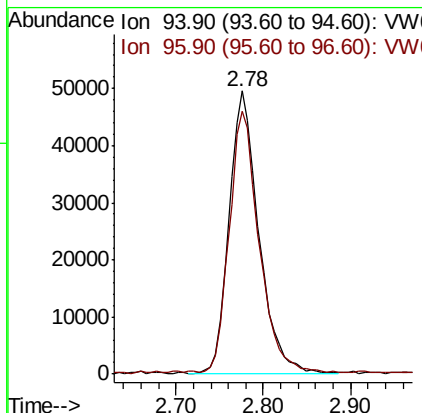
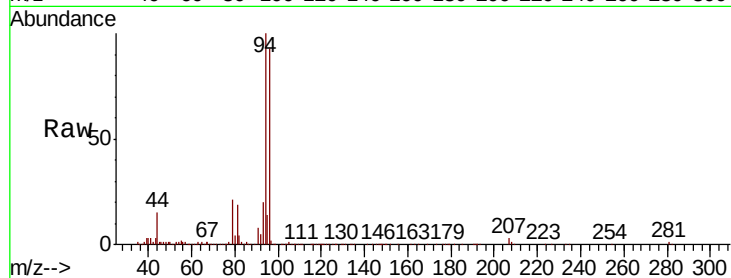
A0C17-SS1MS

Tgt Ion: 94 Resp: 115679

Ion Ratio Lower Upper

94 100

96 92.6 77.2 115.8



#6

Chloroethane

Concen: 67.452 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008482.D

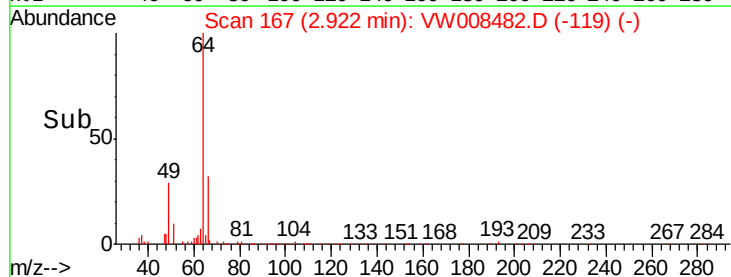
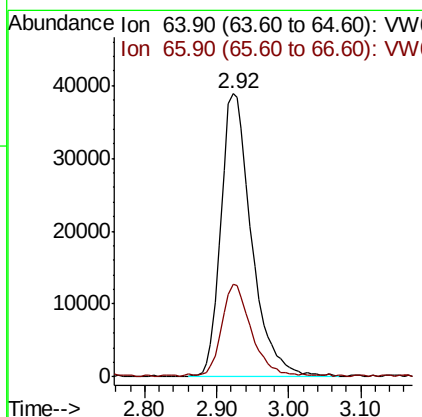
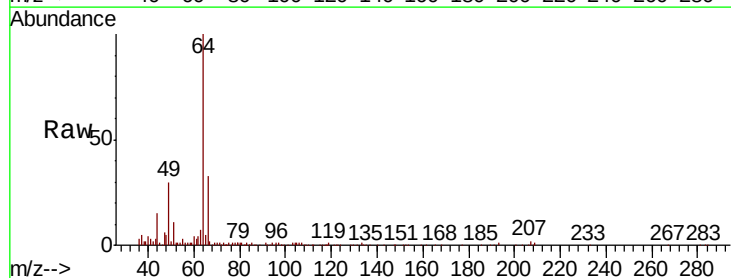
Acq: 01 Feb 2019 15:30

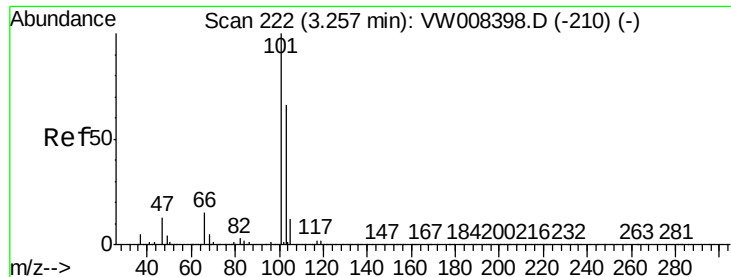
Tgt Ion: 64 Resp: 115671

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3



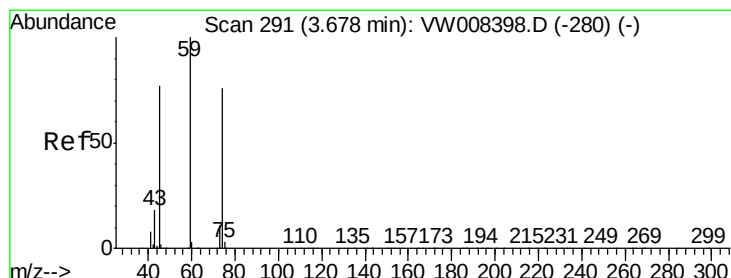
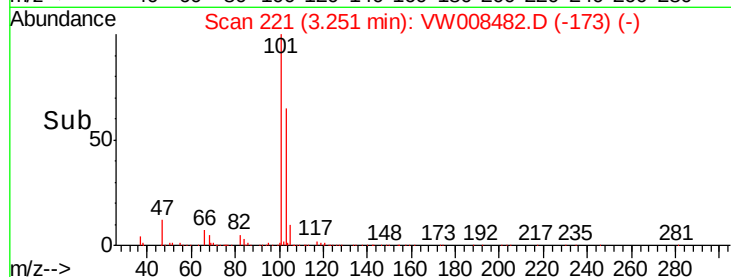
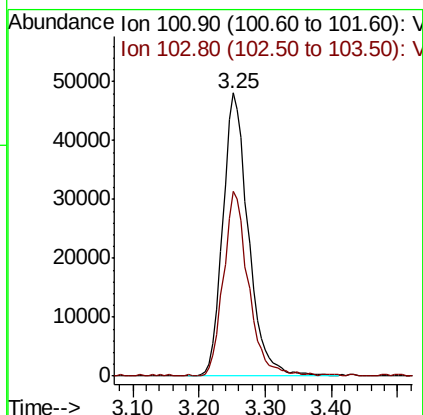
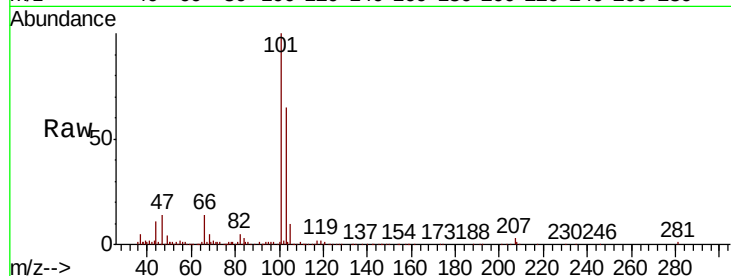


#7

Trichlorofluoromethane
 Concen: 52.513 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Instrument :
 MSVOA_W
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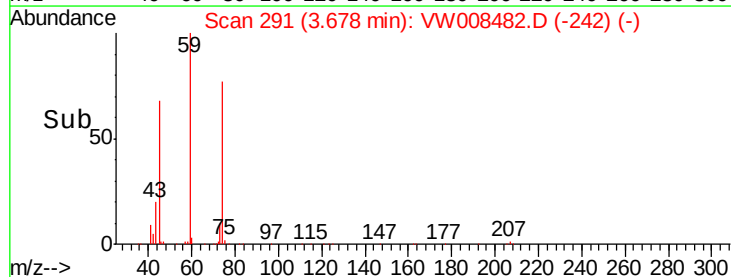
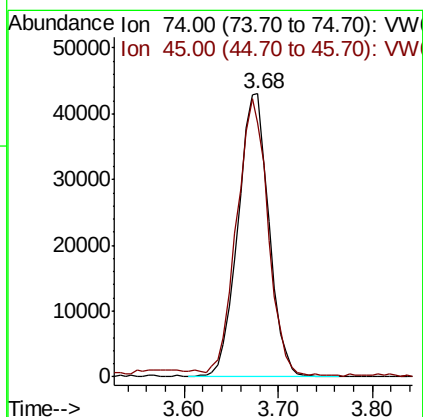
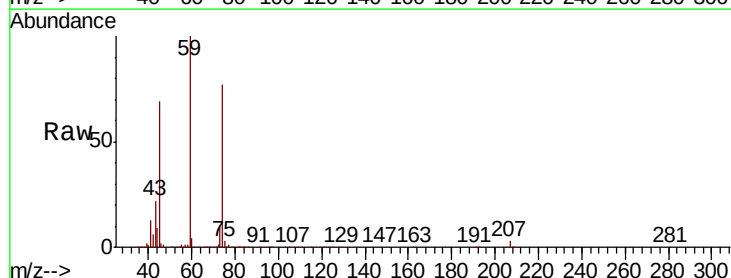
Tgt Ion:101 Resp: 128713
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.5 78.7

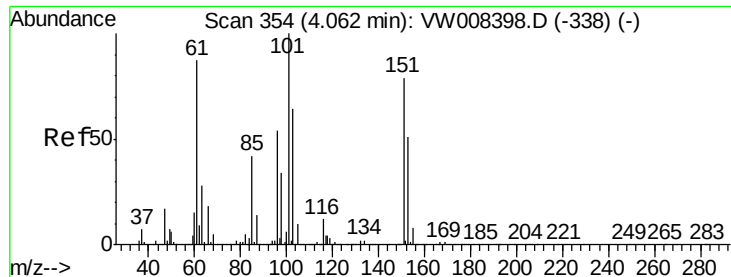


#8

Diethyl Ether
 Concen: 73.554 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 74 Resp: 98986
 Ion Ratio Lower Upper
 74 100
 45 99.3 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.131 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

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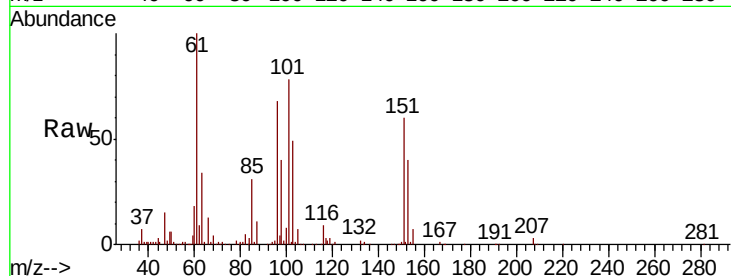
Tgt Ion:101 Resp: 127235

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.4

151 80.4 62.6 94.0

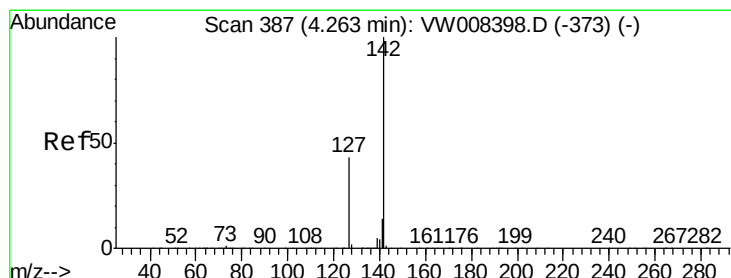
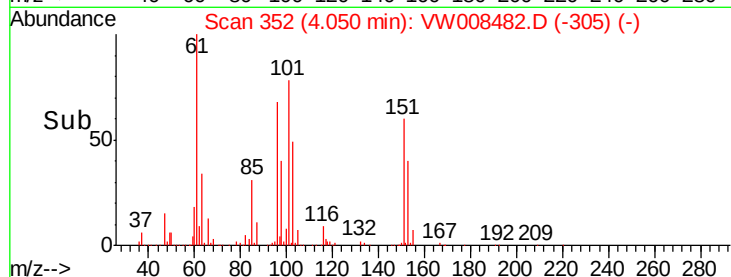
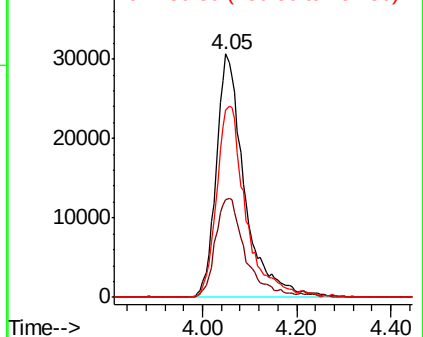


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.289 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

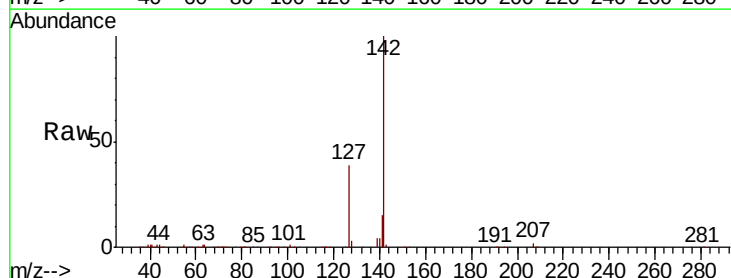
Tgt Ion:142 Resp: 209289

Ion Ratio Lower Upper

142 100

127 42.5 34.6 52.0

141 14.7 11.4 17.2

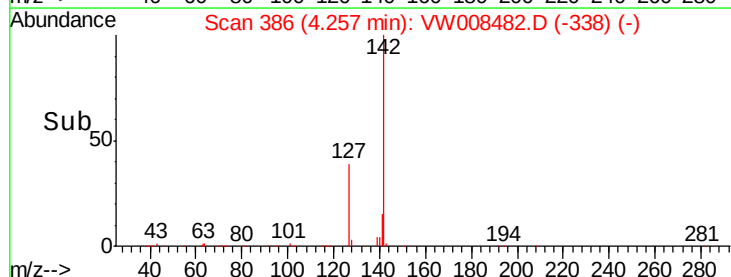
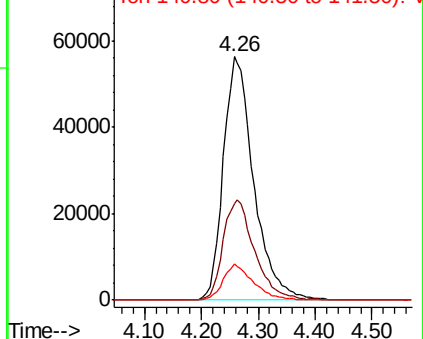


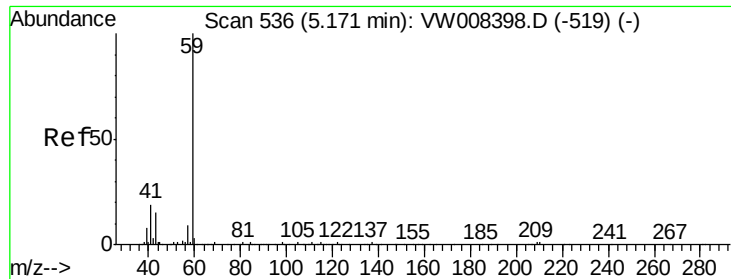
Abundance

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

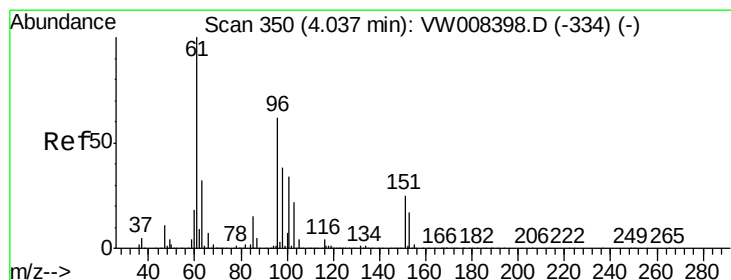
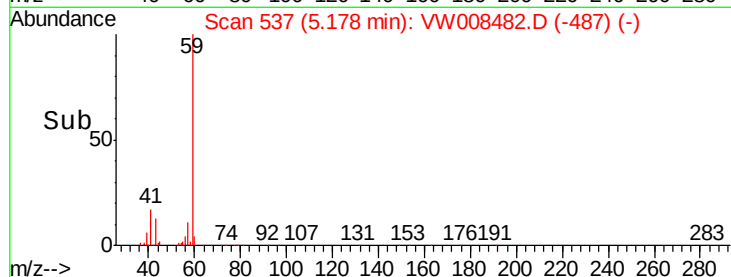
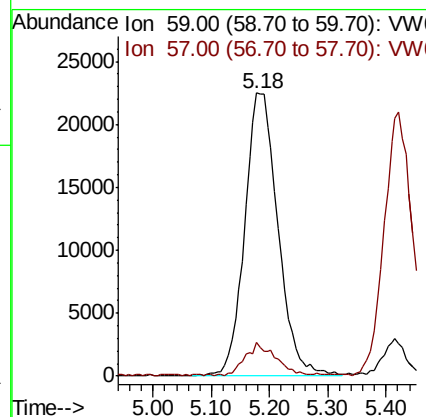
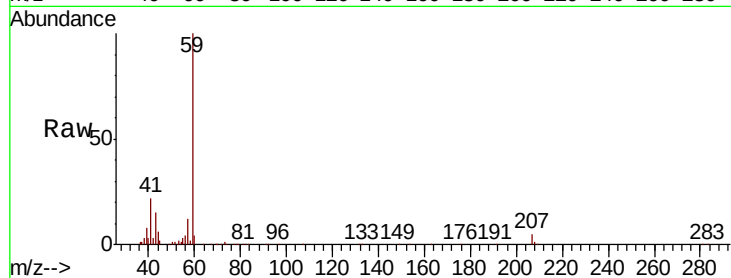




#11
Tert butyl alcohol
Concen: 418.211 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

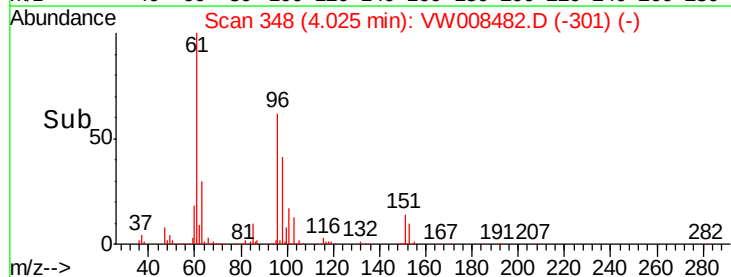
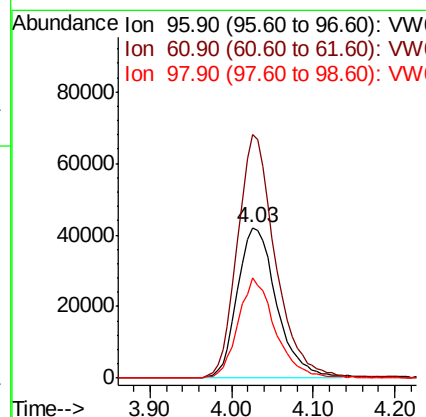
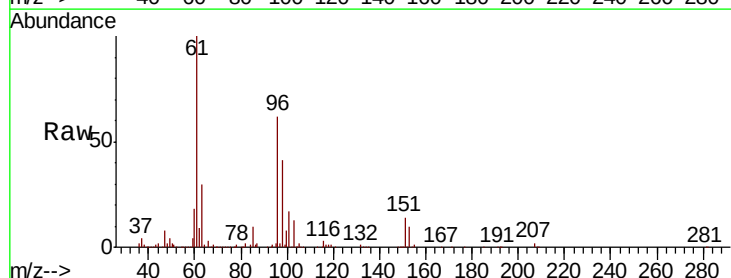
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

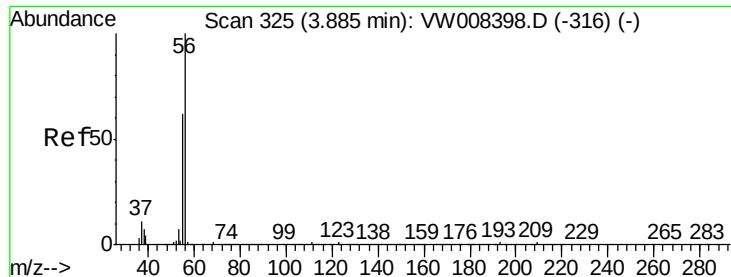
Tgt Ion: 59 Resp: 89263
Ion Ratio Lower Upper
59 100
57 11.0 9.3 13.9



#12
1,1-Dichloroethene
Concen: 56.039 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion: 96 Resp: 138418
Ion Ratio Lower Upper
96 100
61 162.2 129.5 194.3
98 67.0 48.6 73.0





#13

Acrolein

Concen: 91.935 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

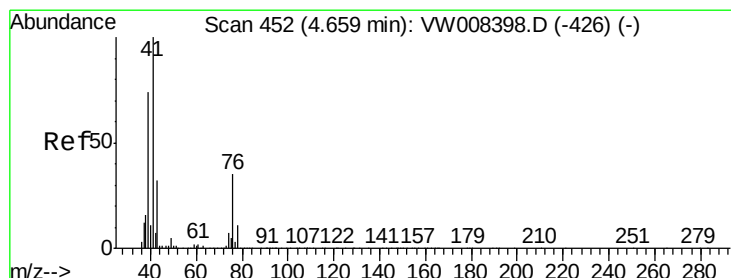
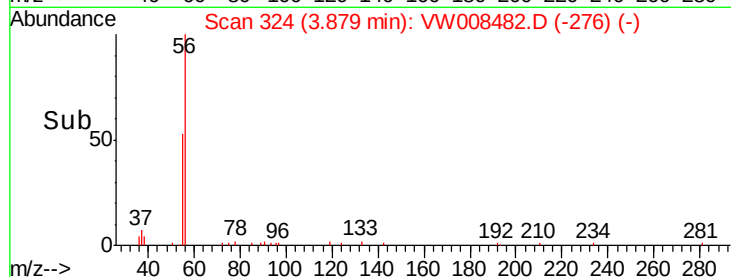
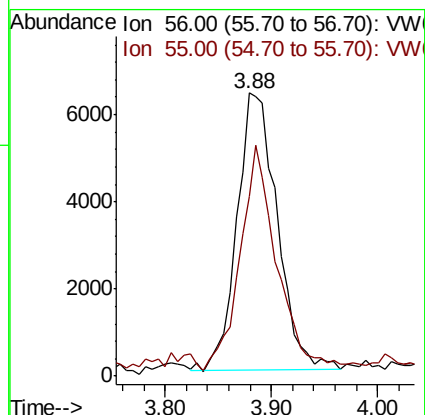
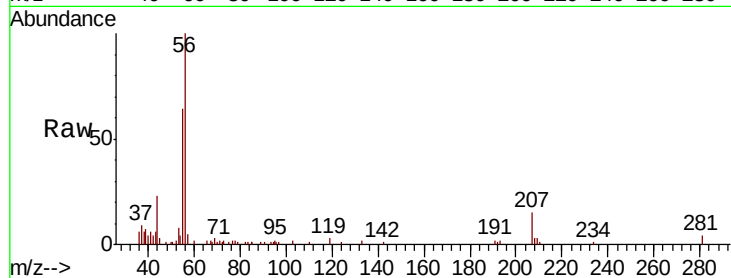
A0C17-SS1MS

Tgt Ion: 56 Resp: 16806

Ion Ratio Lower Upper

56 100

55 76.1 56.7 85.1



#14

Allyl chloride

Concen: 54.666 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

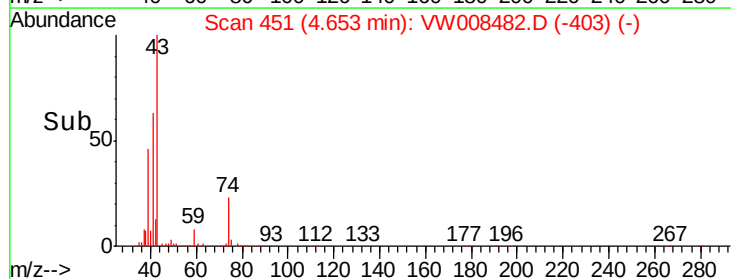
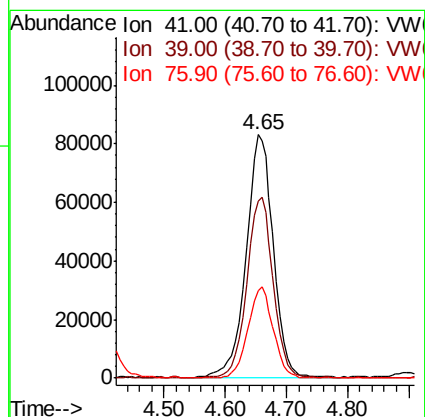
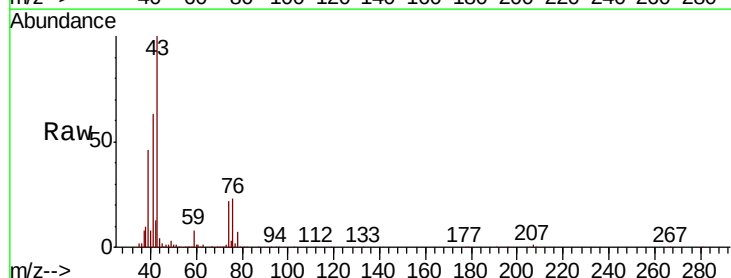
Tgt Ion: 41 Resp: 256402

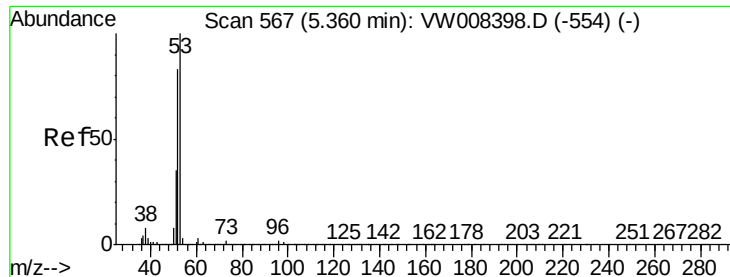
Ion Ratio Lower Upper

41 100

39 71.6 57.7 86.5

76 34.9 26.9 40.3





#15

Acrylonitrile

Concen: 392.182 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

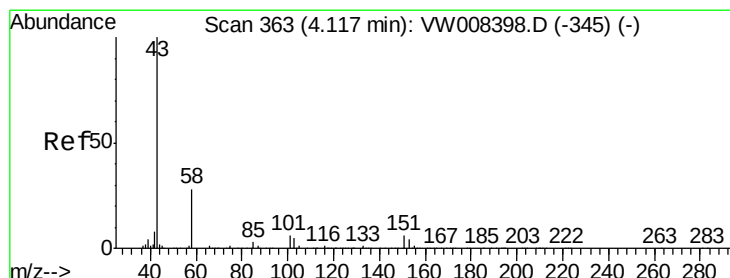
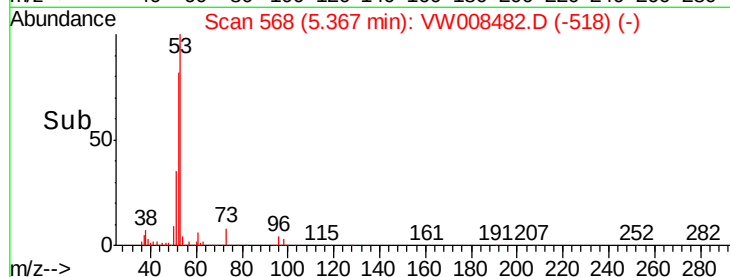
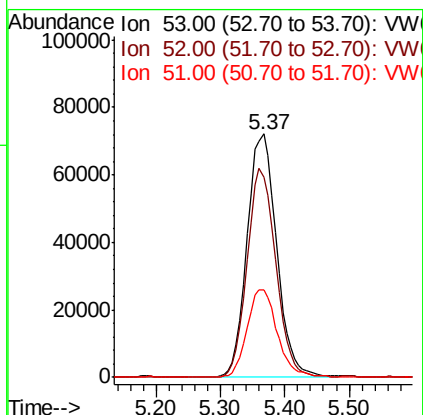
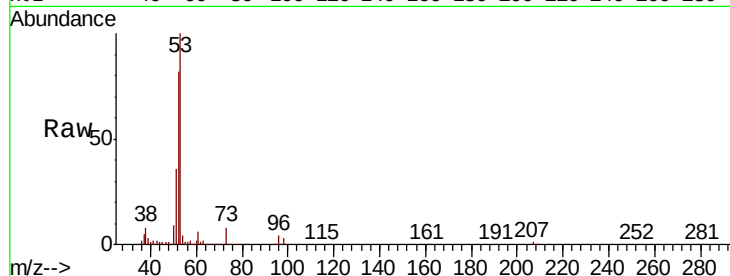
Tgt Ion: 53 Resp: 227900

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.4

51 37.1 29.8 44.8



#16

Acetone

Concen: 407.276 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008482.D

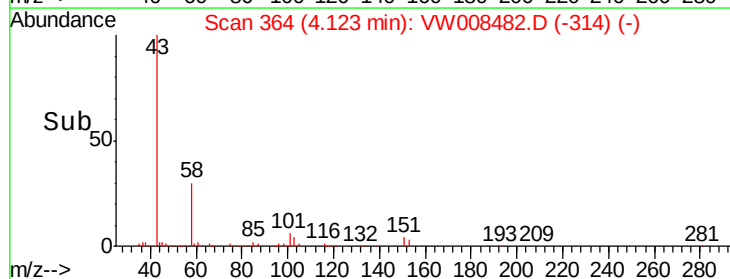
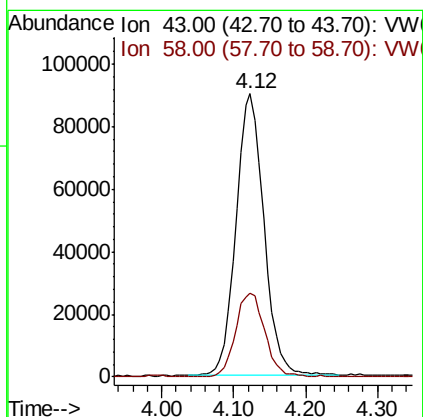
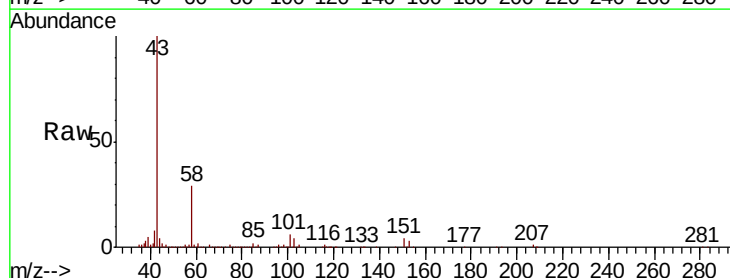
Acq: 01 Feb 2019 15:30

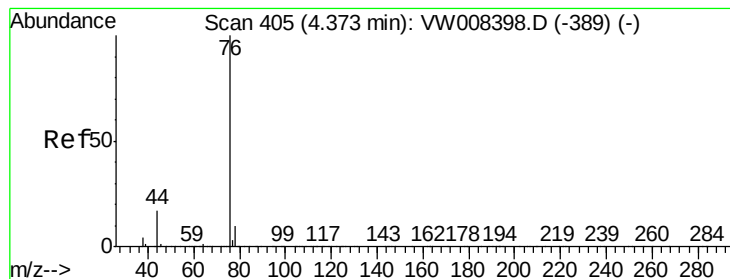
Tgt Ion: 43 Resp: 242465

Ion Ratio Lower Upper

43 100

58 29.5 22.6 34.0





#17

Carbon Disulfide

Concen: 42.148 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

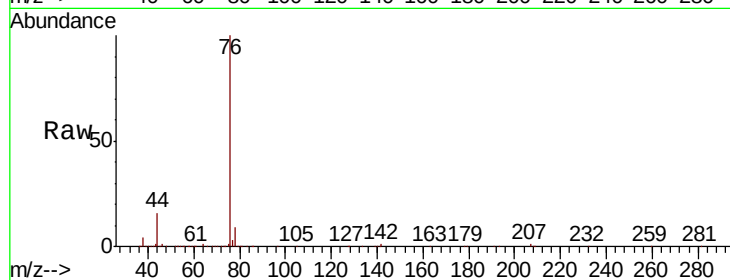
A0C17-SS1MS

Tgt Ion: 76 Resp: 332497

Ion Ratio Lower Upper

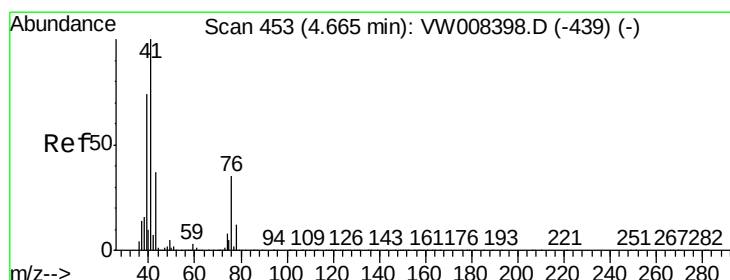
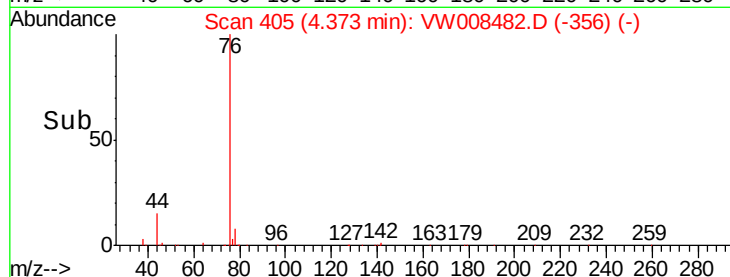
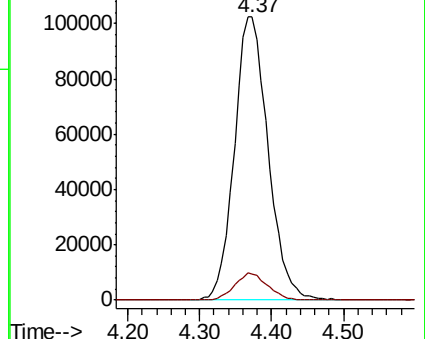
76 100

78 9.1 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 295.542 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008482.D

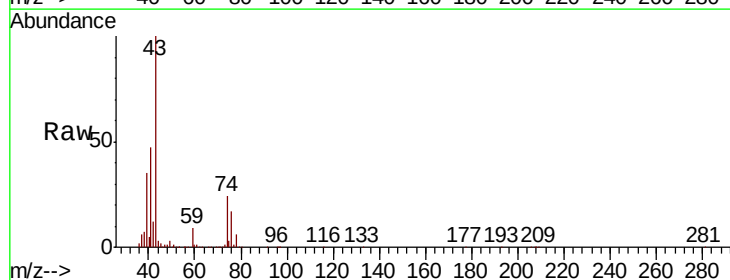
Acq: 01 Feb 2019 15:30

Tgt Ion: 43 Resp: 469285

Ion Ratio Lower Upper

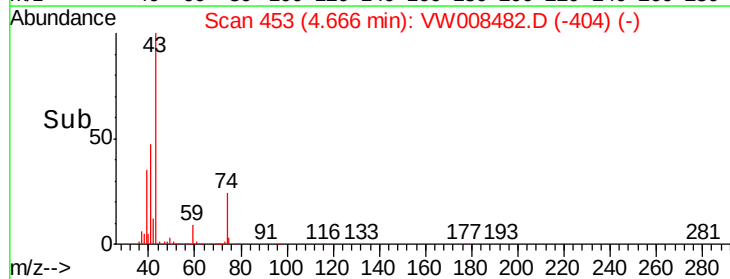
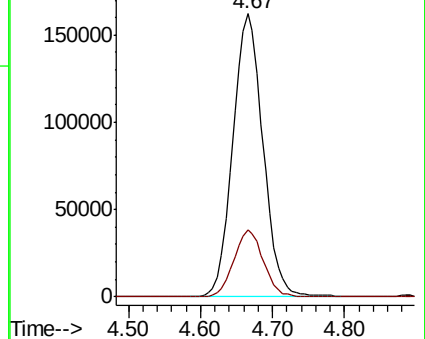
43 100

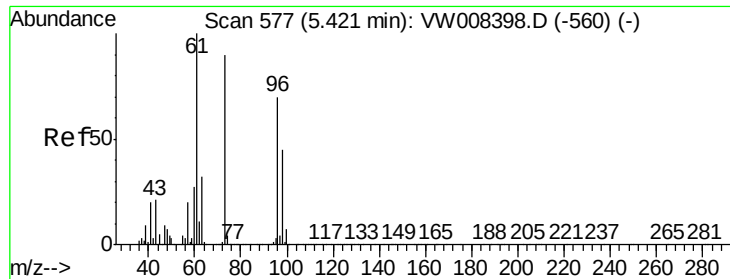
74 23.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



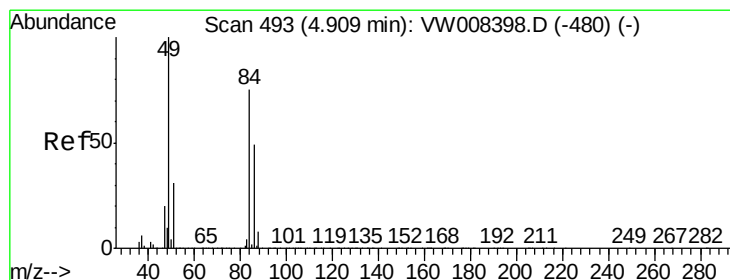
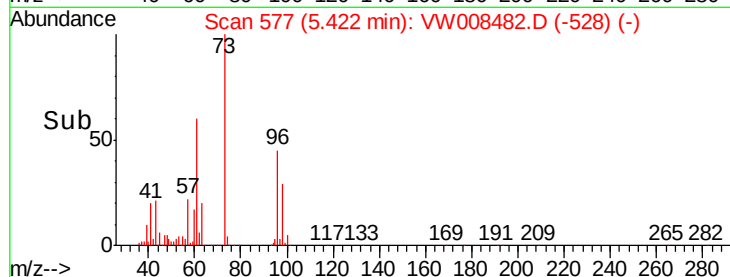
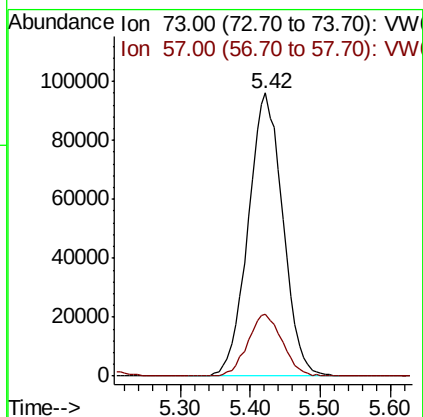
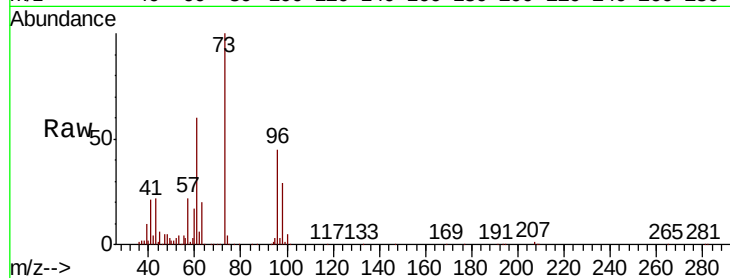


#19

Methyl tert-butyl Ether
 Concen: 80.667 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

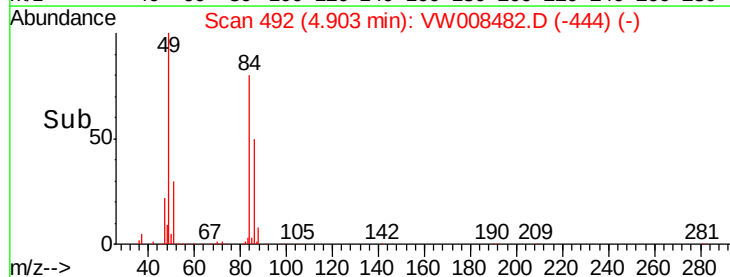
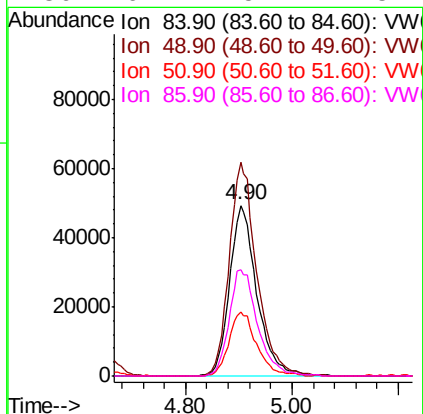
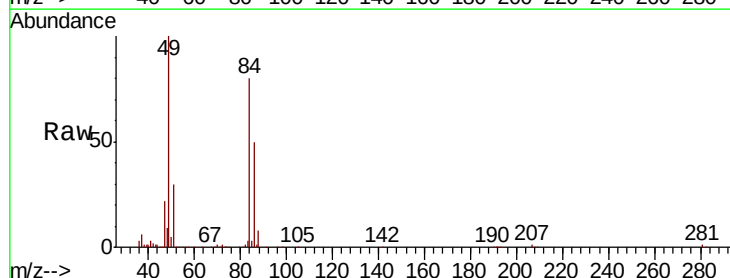
Tgt Ion: 73 Resp: 329666
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.0 27.0

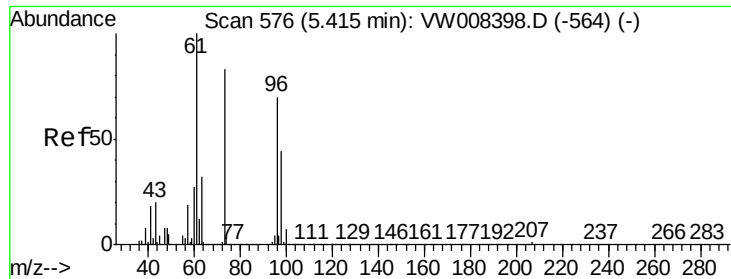


#20

Methylene Chloride
 Concen: 64.183 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 84 Resp: 176113
 Ion Ratio Lower Upper
 84 100
 49 125.2 106.8 160.2
 51 37.2 32.9 49.3
 86 62.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 52.032 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

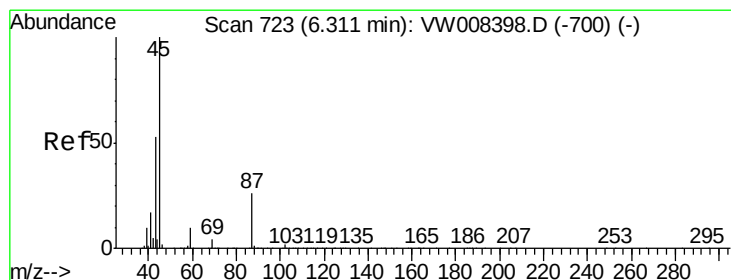
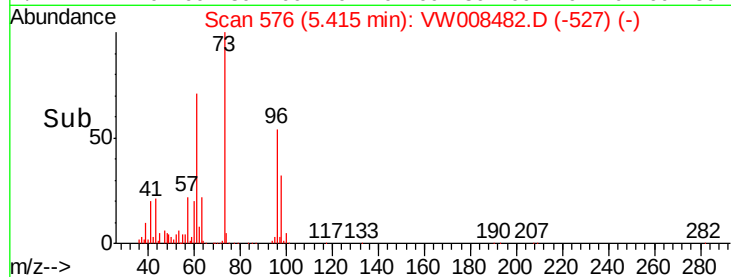
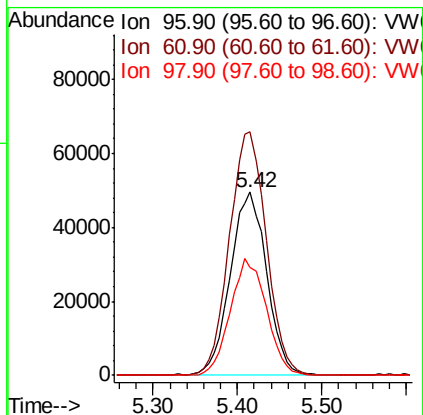
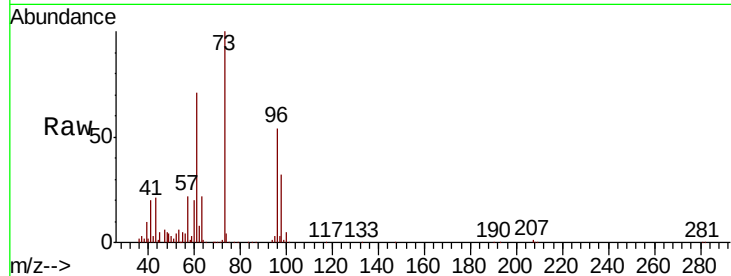
Tgt Ion: 96 Resp: 144489

Ion Ratio Lower Upper

96 100

61 132.8 114.4 171.6

98 59.0 50.6 75.8



#22

Diisopropyl ether

Concen: 60.125 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Tgt Ion: 45 Resp: 534464

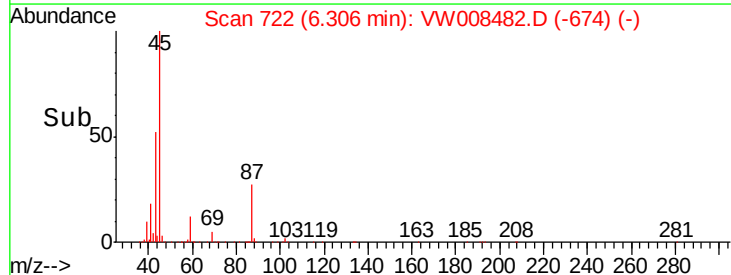
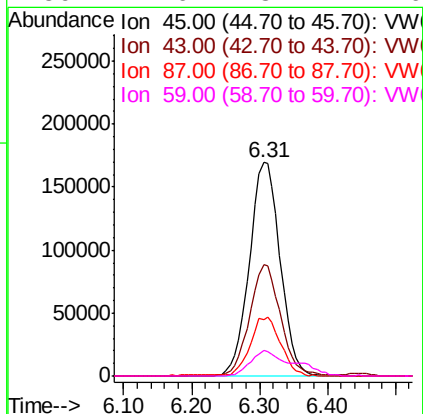
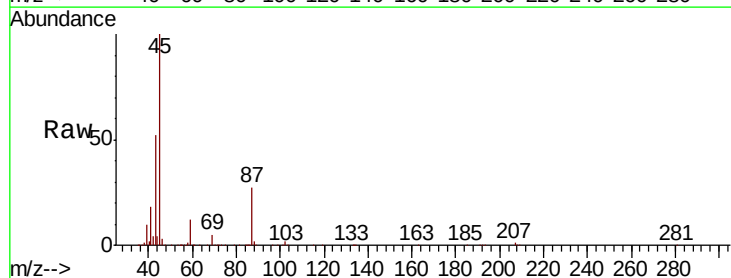
Ion Ratio Lower Upper

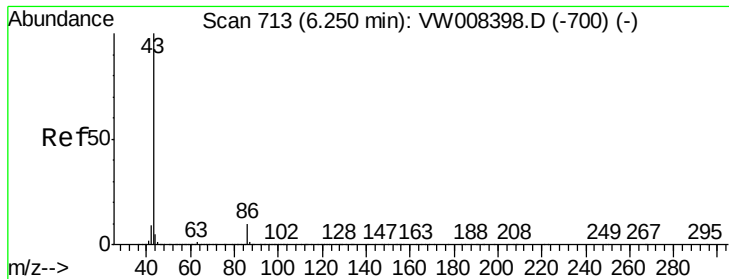
45 100

43 52.0 42.6 63.8

87 26.6 20.3 30.5

59 11.6 8.4 12.6





#23

Vinyl Acetate

Concen: 53.092 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.06 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

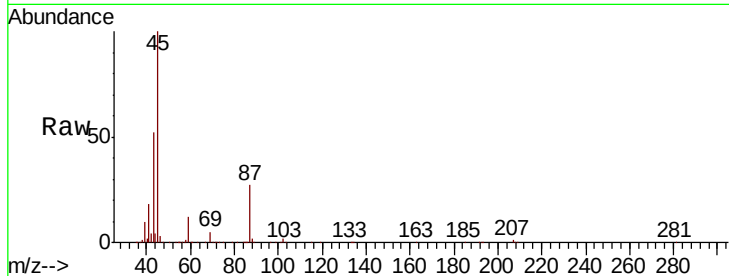
A0C17-SS1MS

Tgt Ion: 43 Resp: 278678

Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.31

100000

80000

60000

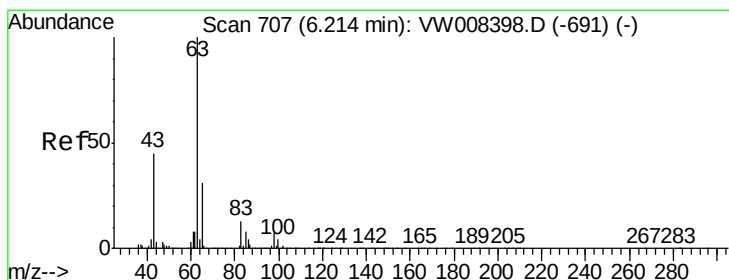
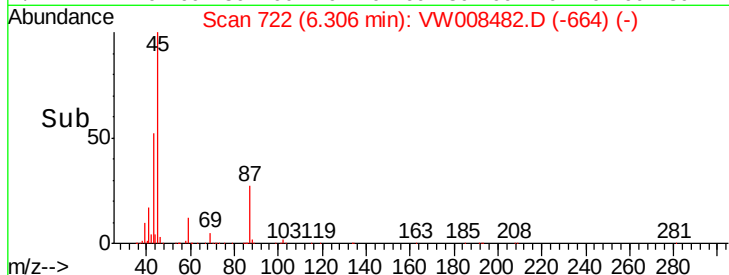
40000

20000

0

Time-->

6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 58.890 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

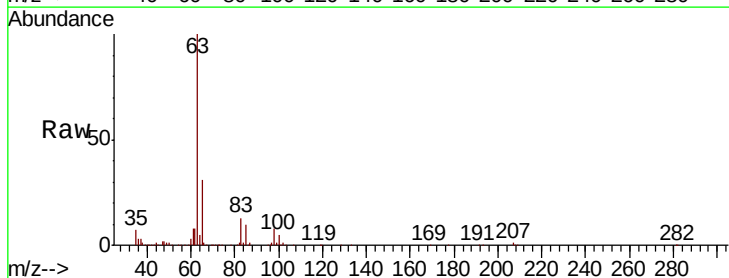
Tgt Ion: 63 Resp: 296319

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

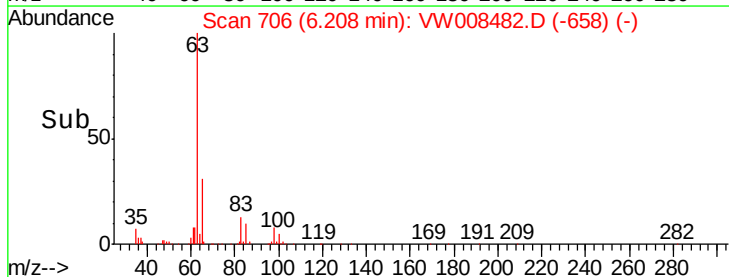
100000

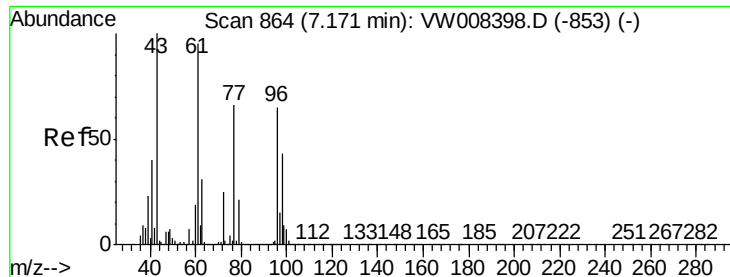
50000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 423.800 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

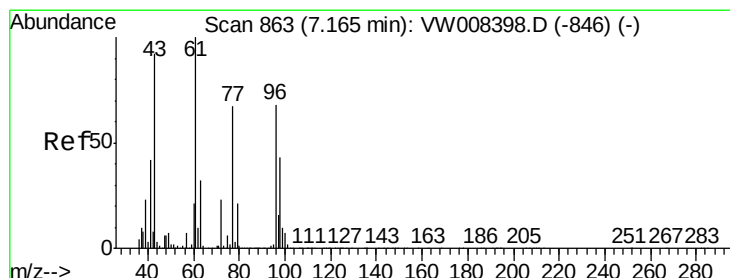
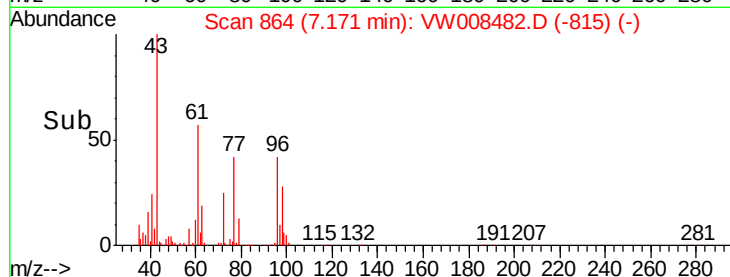
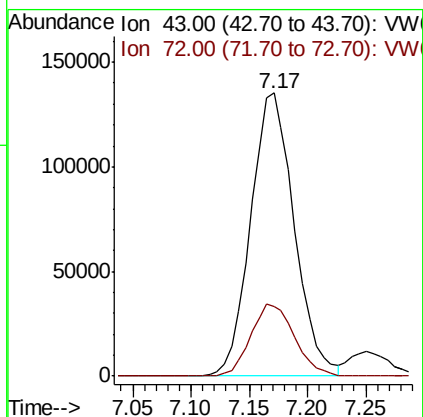
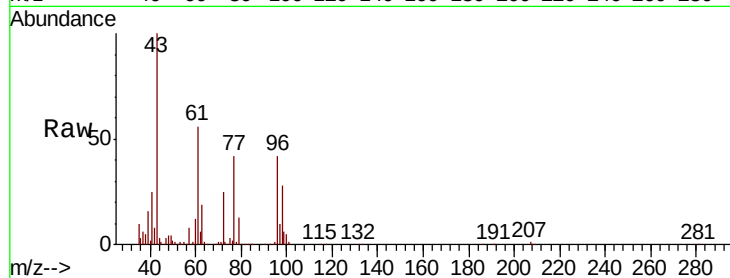
A0C17-SS1MS

Tgt Ion: 43 Resp: 350443

Ion Ratio Lower Upper

43 100

72 24.8 20.1 30.1



#26

2,2-Dichloropropane

Concen: 55.299 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008482.D

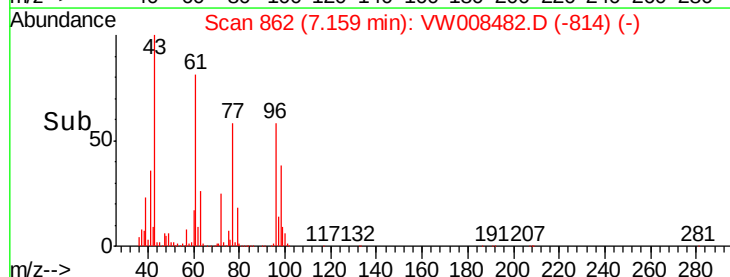
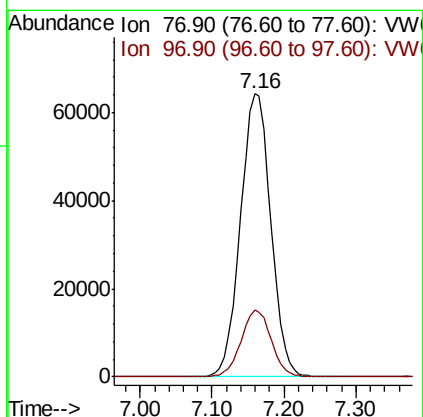
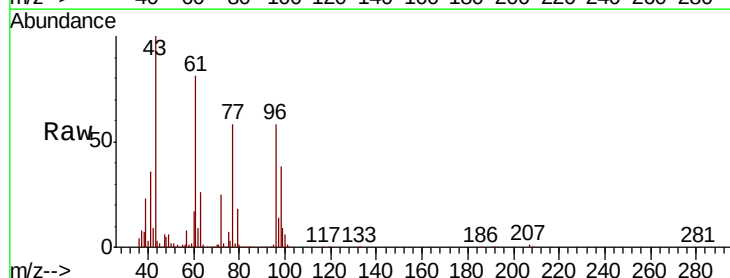
Acq: 01 Feb 2019 15:30

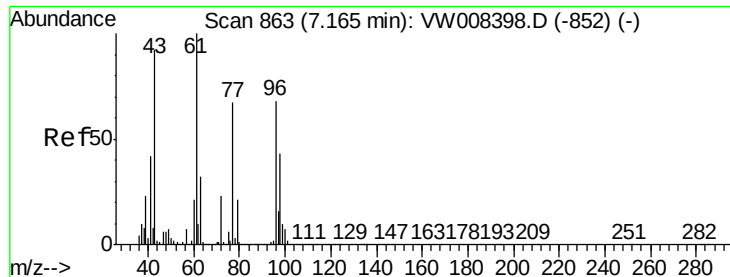
Tgt Ion: 77 Resp: 188080

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.5



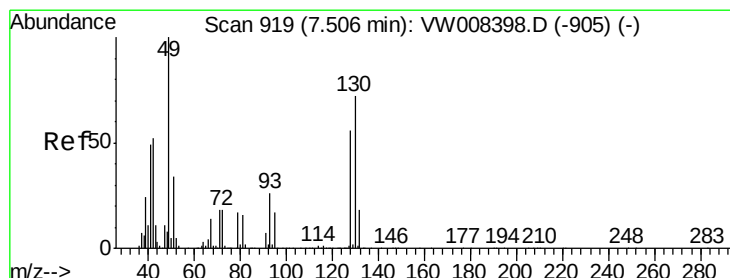
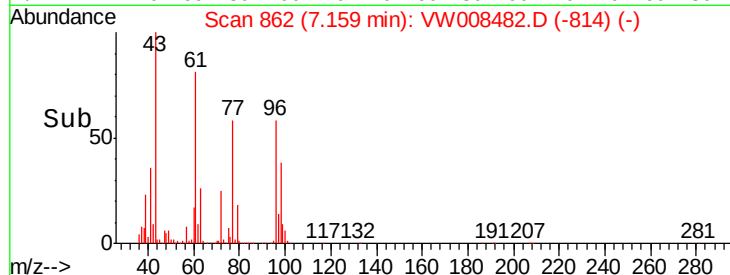
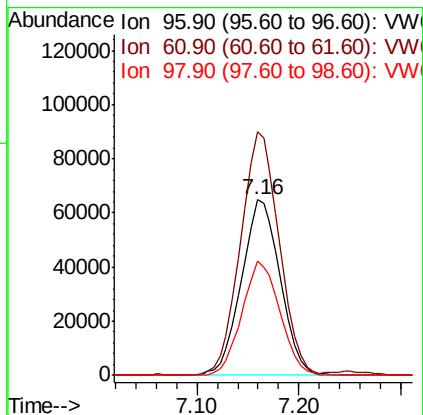
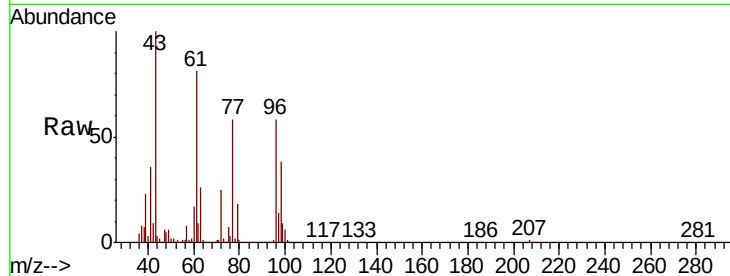


#27

cis-1,2-Dichloroethene
 Concen: 56.144 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

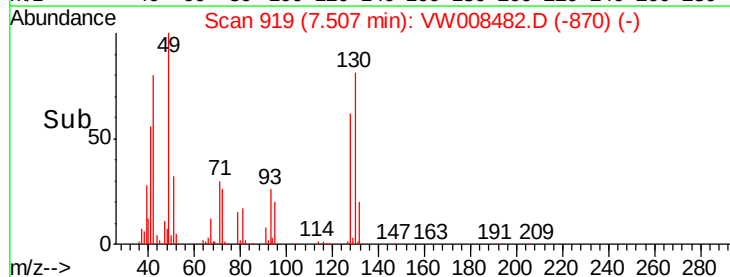
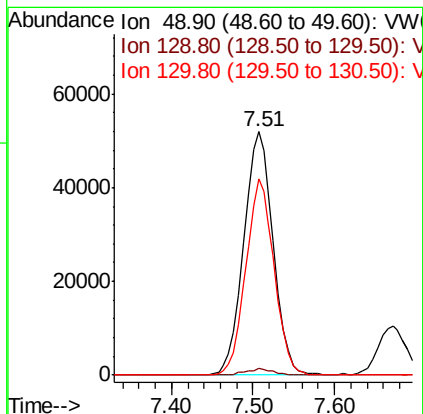
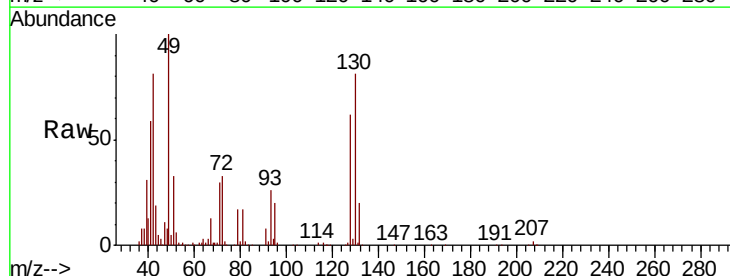
Tgt Ion: 96 Resp: 169914
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 292.8
 98 64.3 0.0 129.2

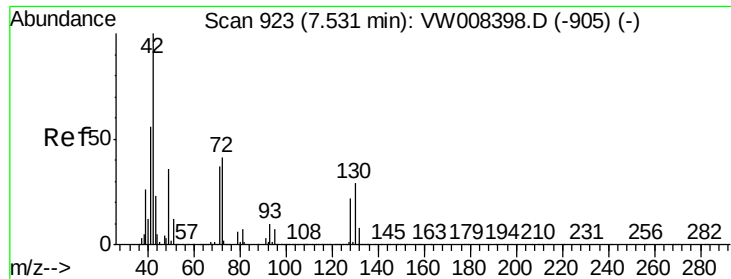


#28

Bromochloromethane
 Concen: 56.143 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 49 Resp: 129752
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 77.8 58.6 87.8

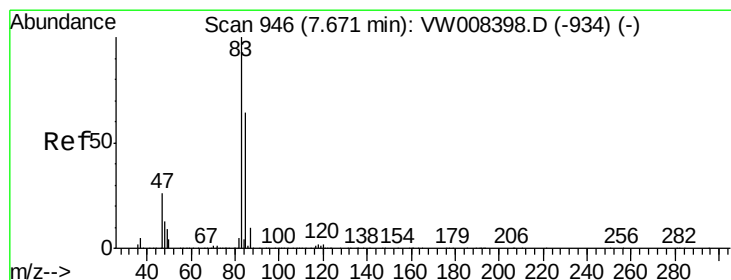
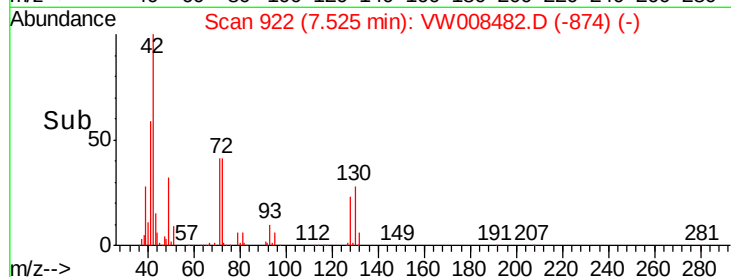
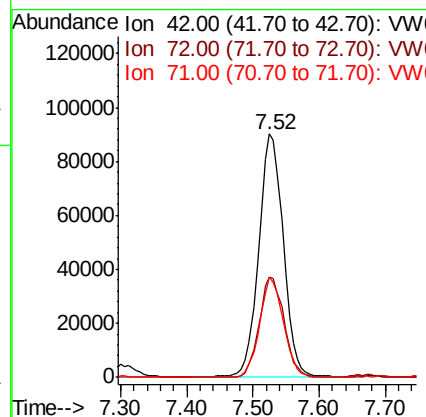
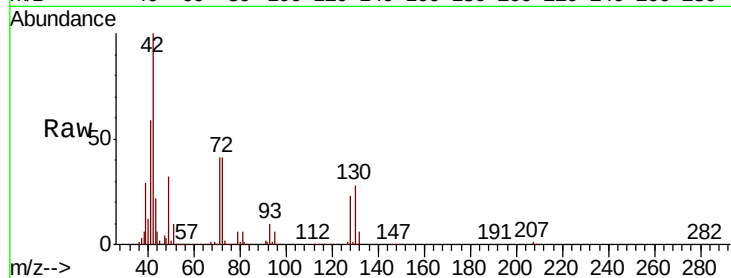




#29
Tetrahydrofuran
Concen: 444.928 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

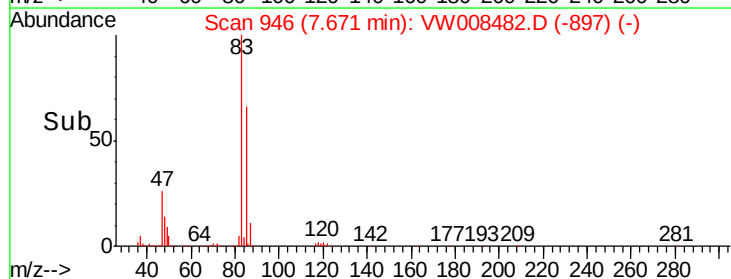
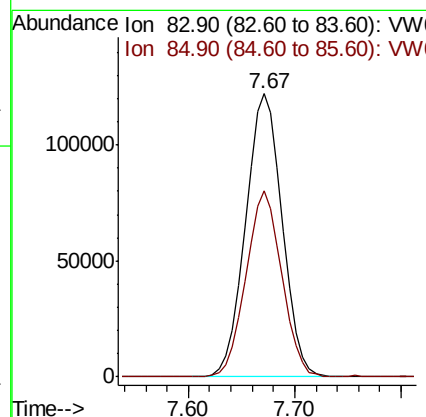
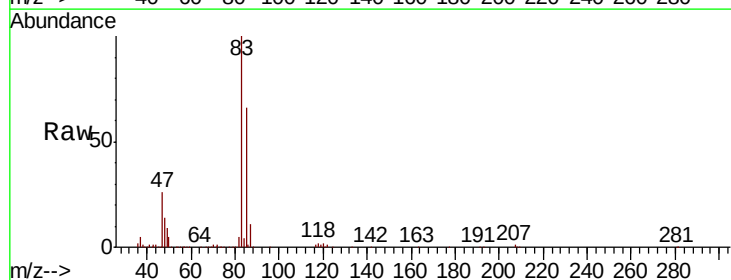
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

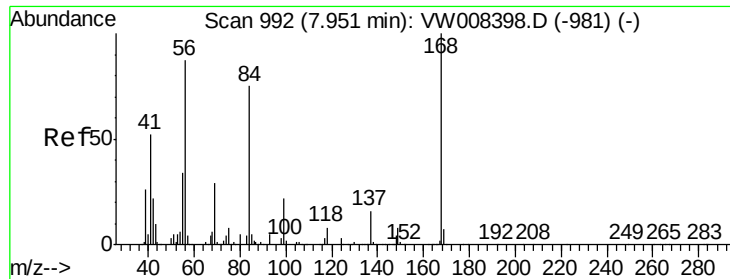
Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	31.9	47.9
71	39.9	29.9	44.9



#30
Chloroform
Concen: 59.301 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.9	76.3

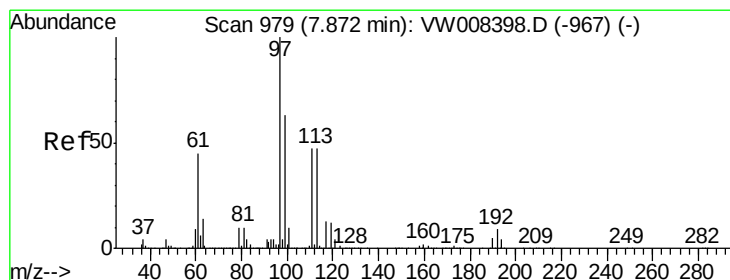
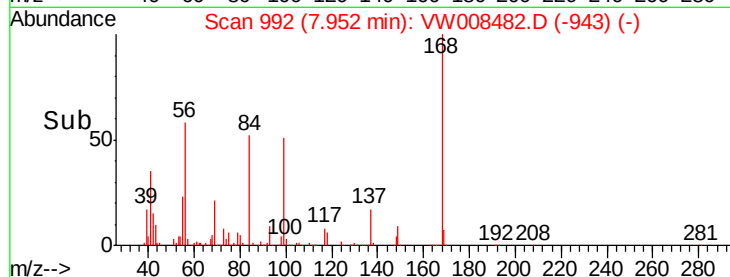
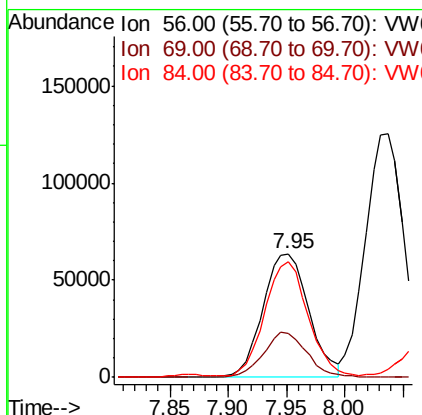
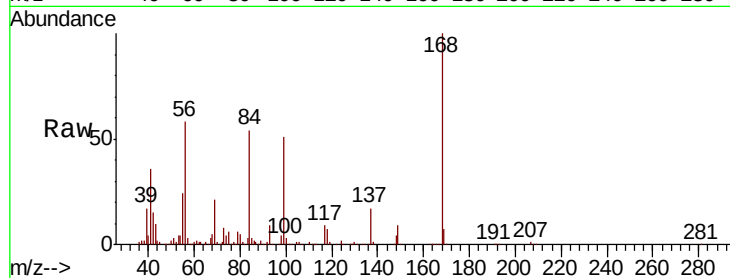




#31
Cyclohexane
Concen: 33.339 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

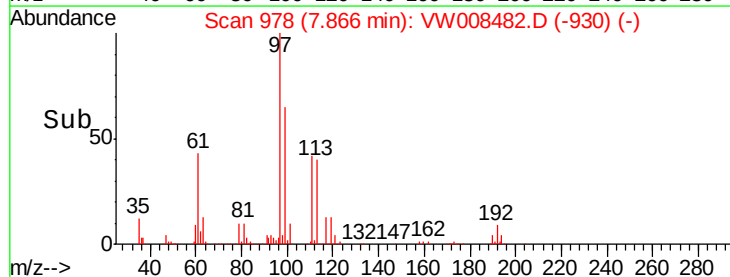
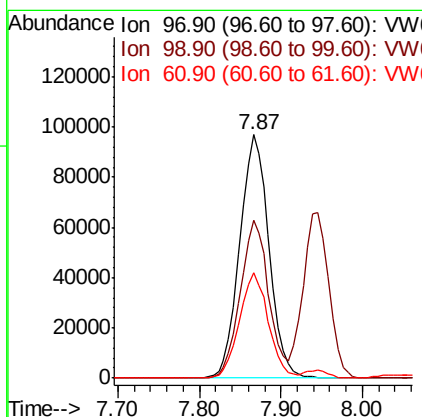
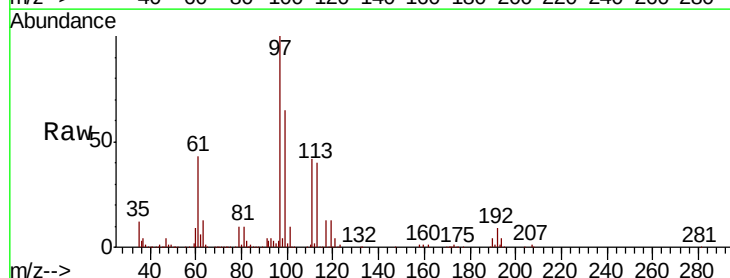
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

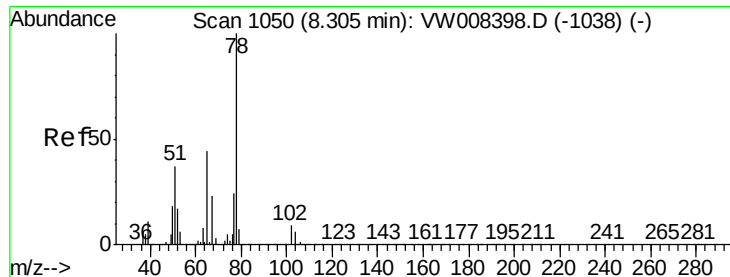
Tgt Ion: 56 Resp: 173457
Ion Ratio Lower Upper
56 100
69 35.2 26.4 39.6
84 91.4 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 56.326 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion: 97 Resp: 240778
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 42.9 36.2 54.4

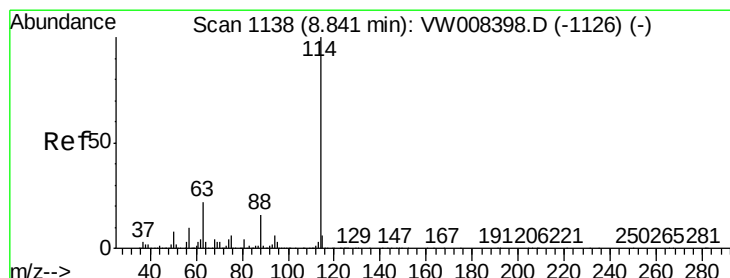
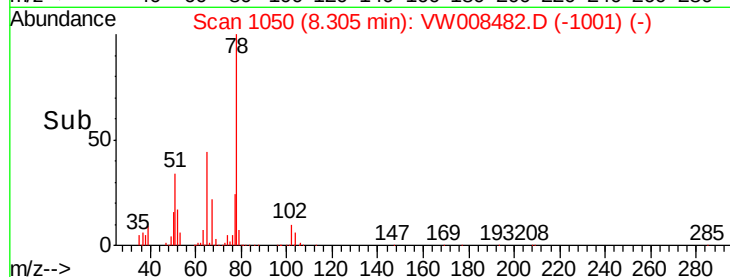
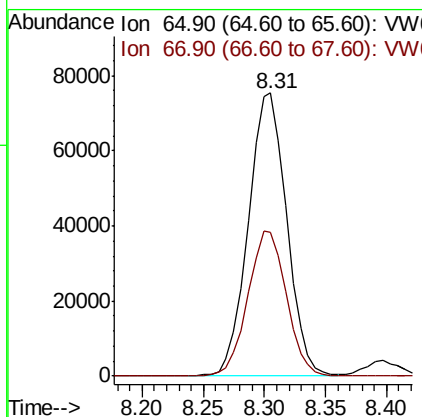
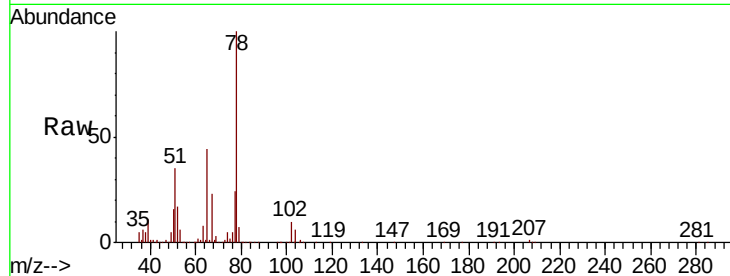




#33
 1,2-Dichloroethane-d4
 Concen: 62.219 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

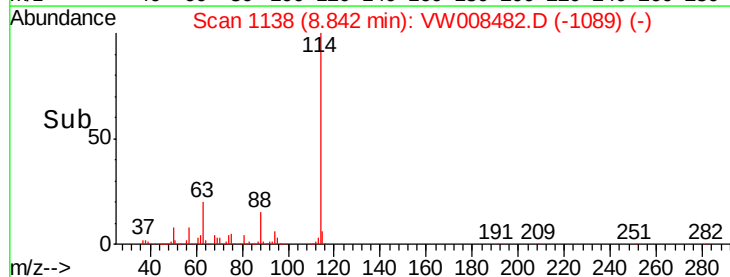
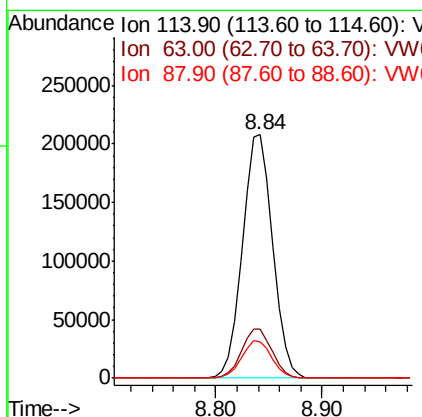
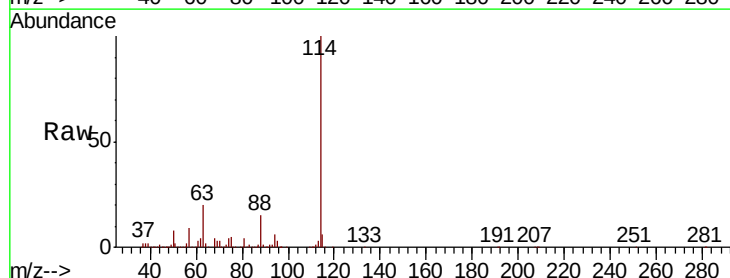
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

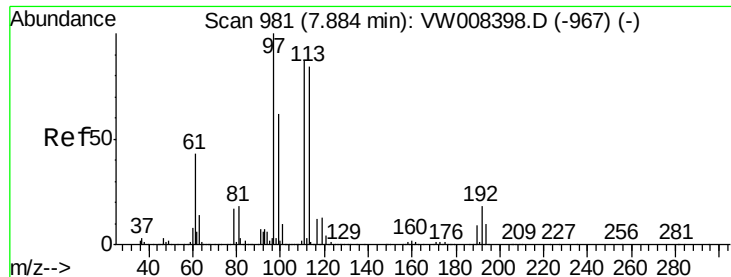
Tgt Ion: 65 Resp: 164947
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 114 Resp: 414244
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.6
 88 15.0 0.0 31.8

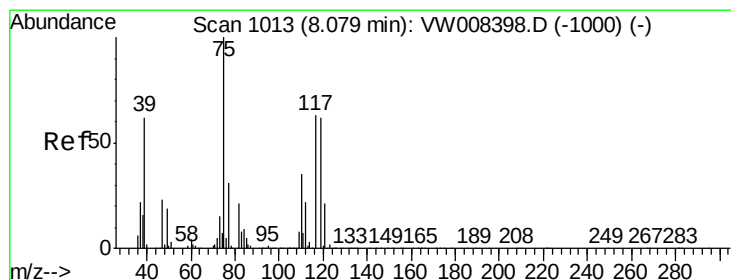
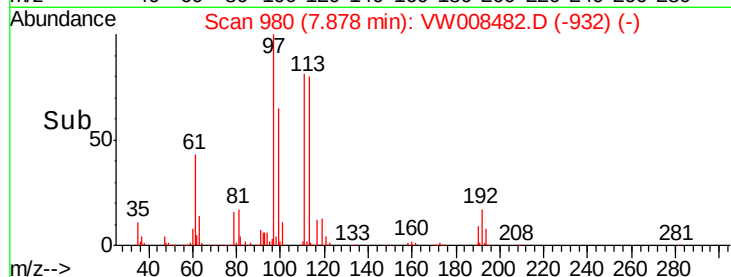
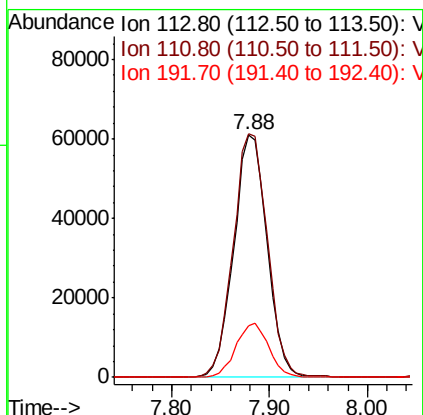
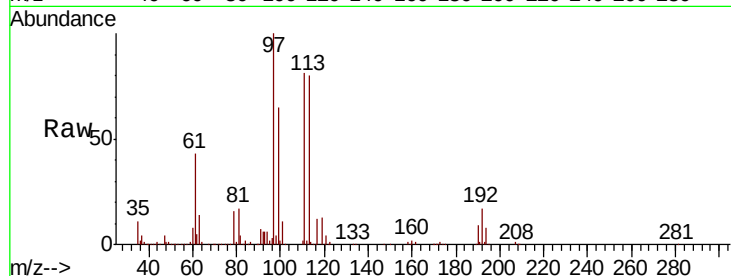




#35
 Dibromofluoromethane
 Concen: 59.590 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

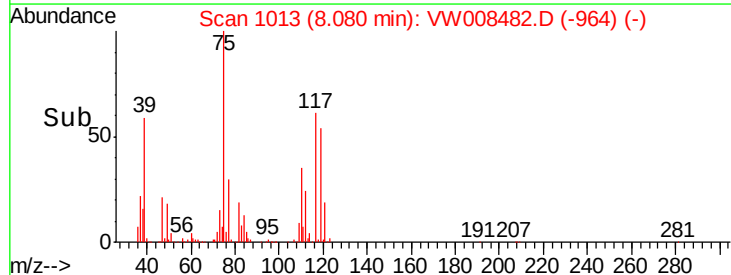
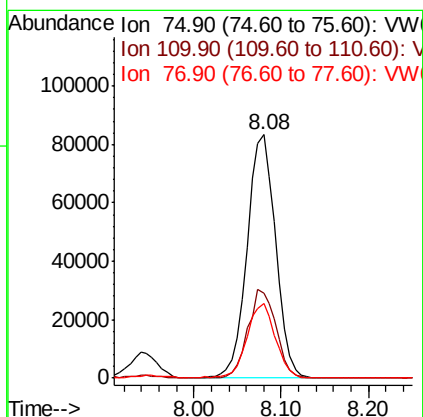
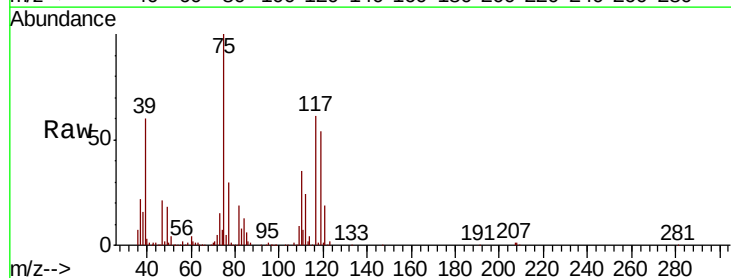
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

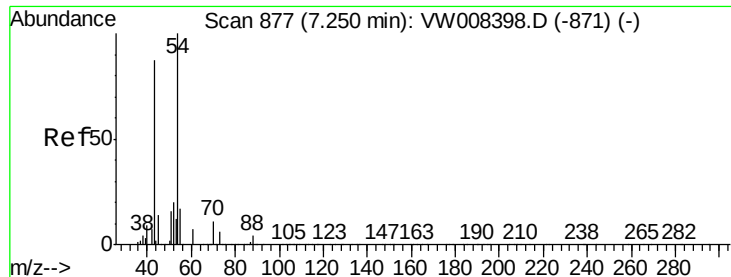
Tgt Ion:113 Resp: 144341
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.0 121.4
 192 22.0 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 48.057 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 75 Resp: 188048
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.3 52.0
 77 30.7 24.7 37.1

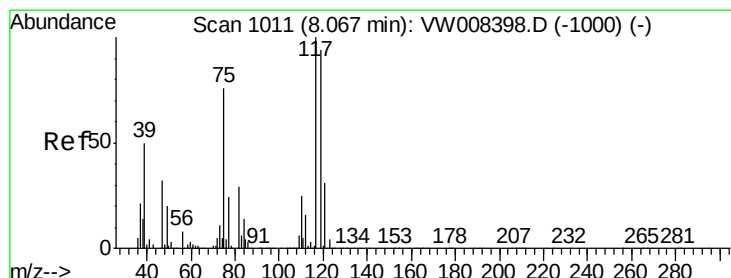
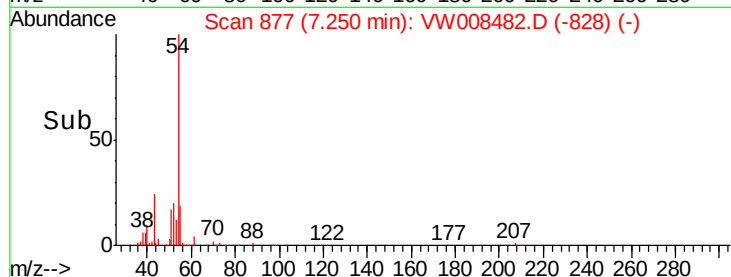
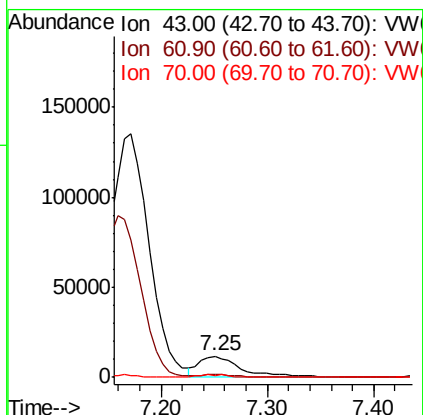
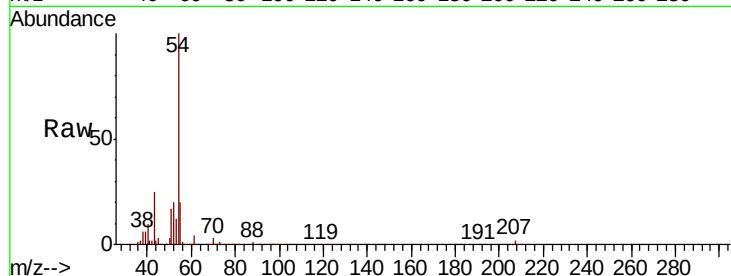




#37
Ethyl Acetate
Concen: 17.685 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

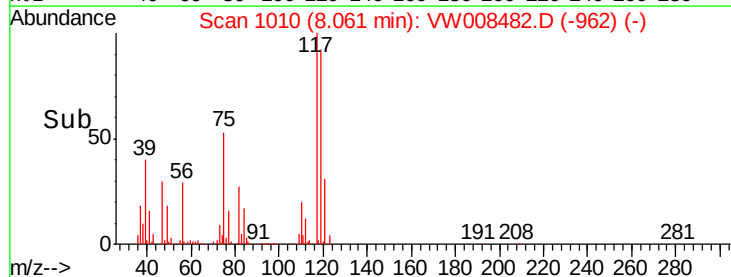
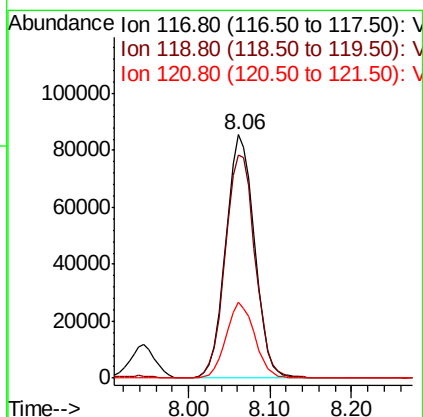
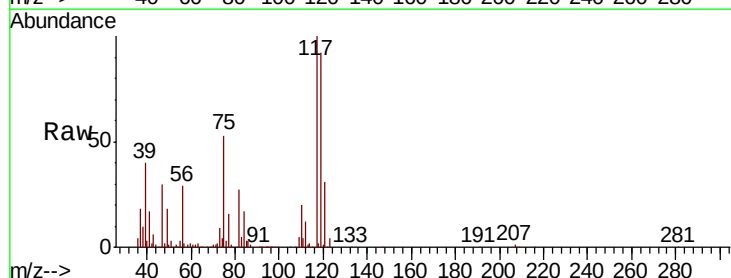
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

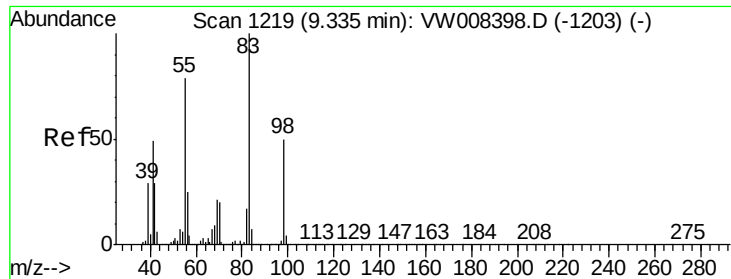
Tgt Ion: 43 Resp: 30616
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 11.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 52.731 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion: 117 Resp: 207636
Ion Ratio Lower Upper
117 100
119 91.6 75.0 112.4
121 31.5 24.9 37.3

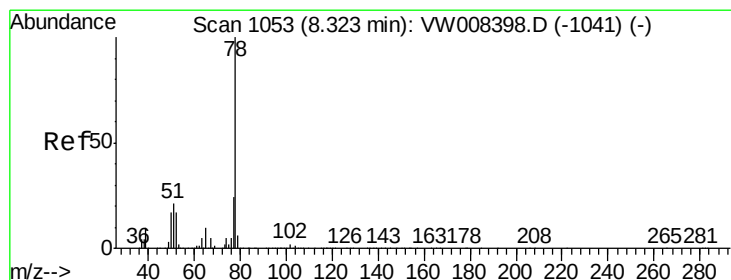
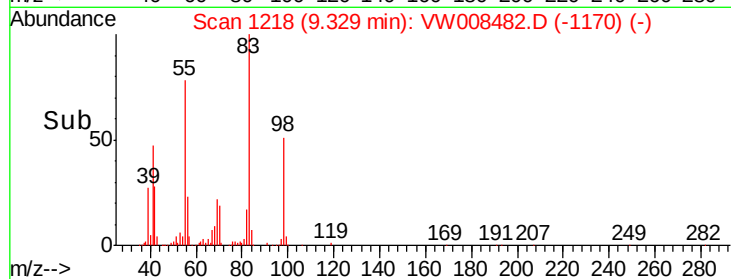
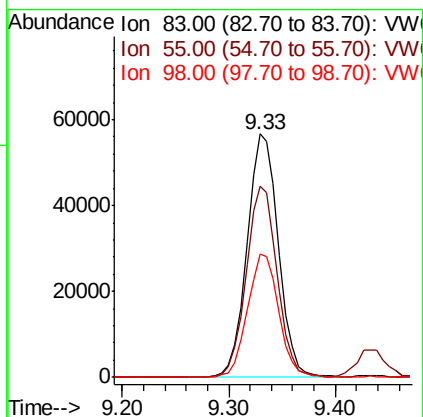
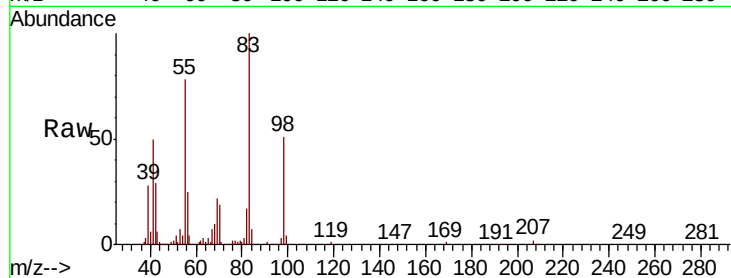




#39
Methylcyclohexane
Concen: 22.751 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

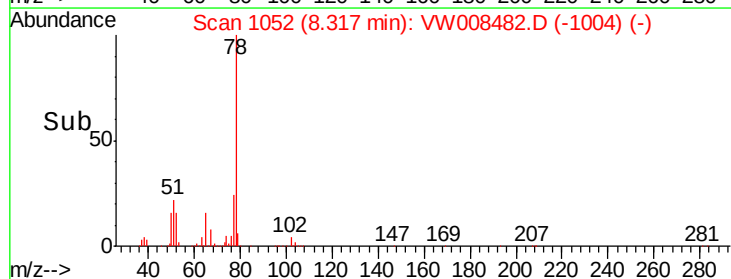
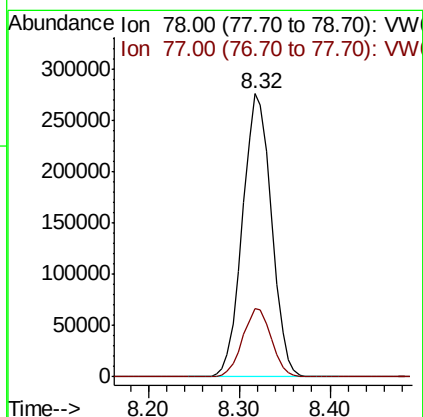
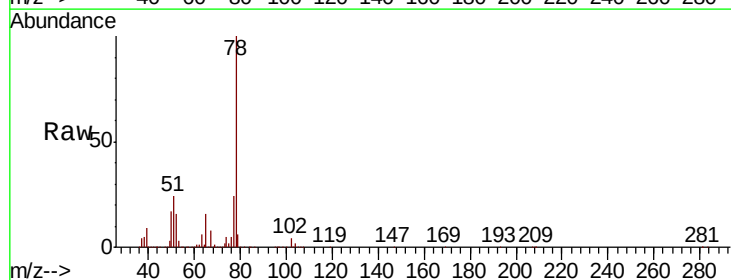
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

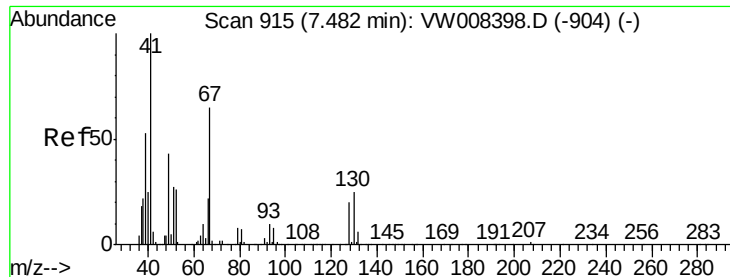
Tgt Ion: 83 Resp: 116949
Ion Ratio Lower Upper
83 100
55 78.0 63.3 94.9
98 50.6 39.7 59.5



#40
Benzene
Concen: 56.229 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion: 78 Resp: 610535
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

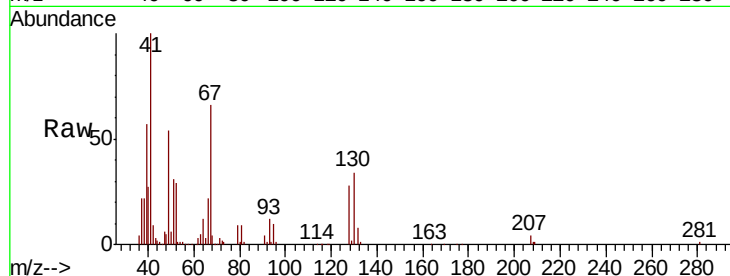




#41
Methacrylonitrile
Concen: 79.643 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

Tgt Ion:	41	Resp:	81641
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.4	65.0
67	66.6	54.2	81.2
52	27.5	22.9	34.3



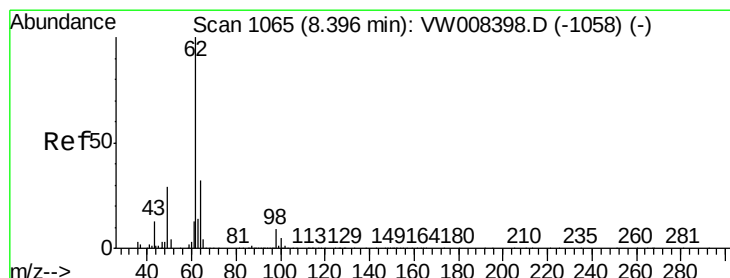
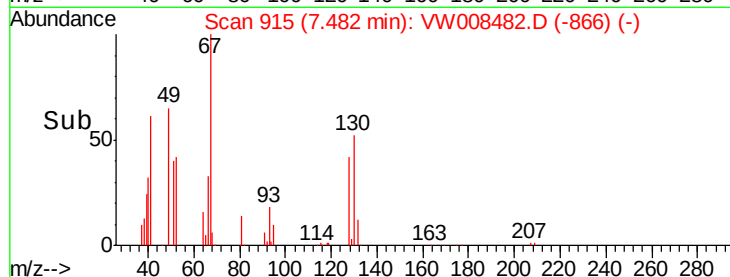
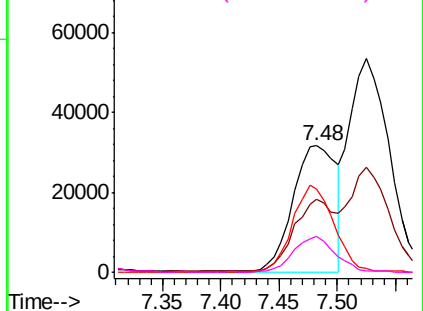
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

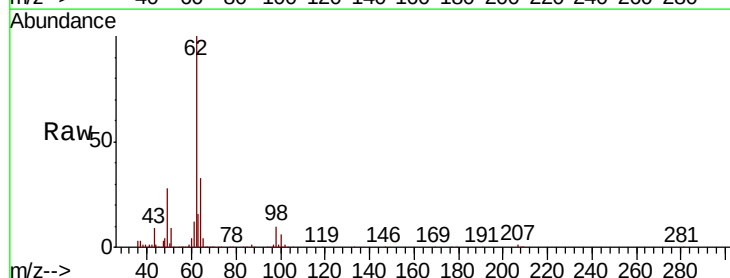
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 67.532 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

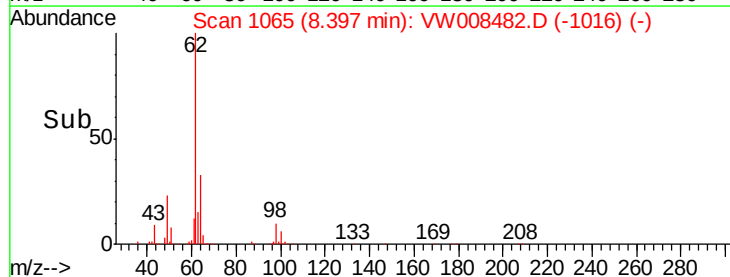
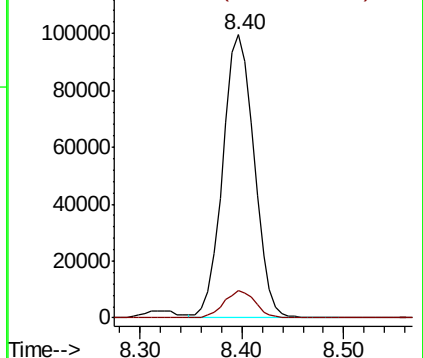
Tgt Ion:	62	Resp:	212499
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6

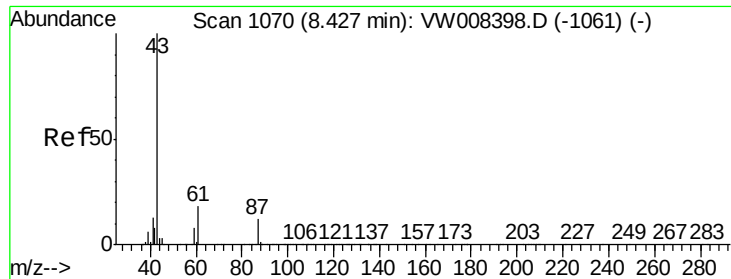


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 35.253 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

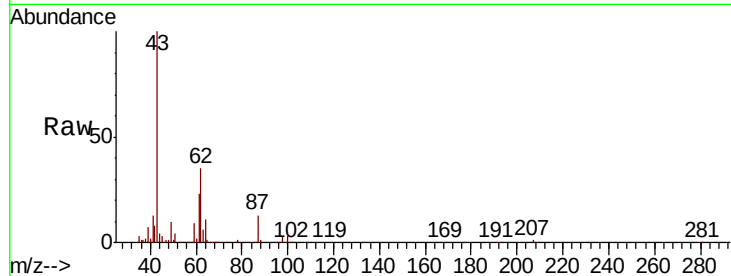
Tgt Ion: 43 Resp: 126793

Ion Ratio Lower Upper

43 100

61 37.5 22.0 33.0#

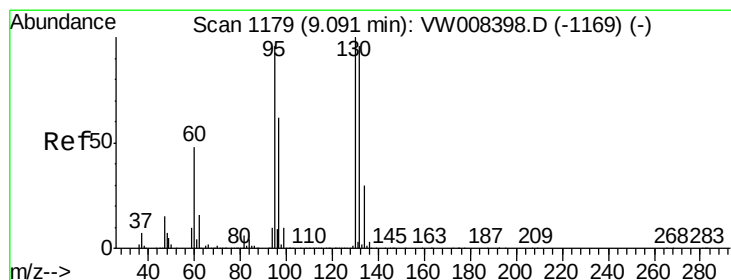
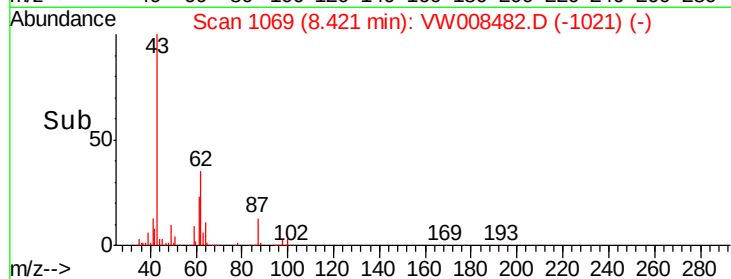
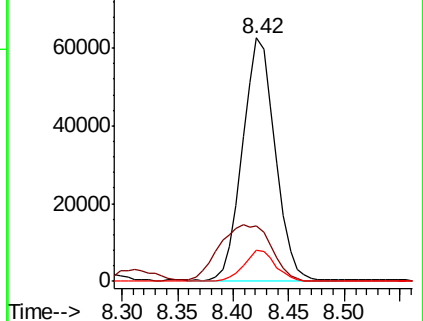
87 12.7 9.3 13.9



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: 50.120 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008482.D

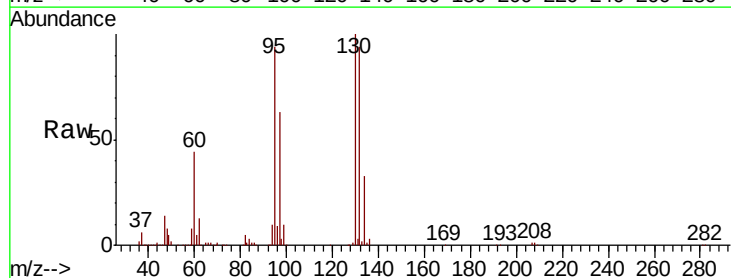
Acq: 01 Feb 2019 15:30

Tgt Ion: 130 Resp: 147989

Ion Ratio Lower Upper

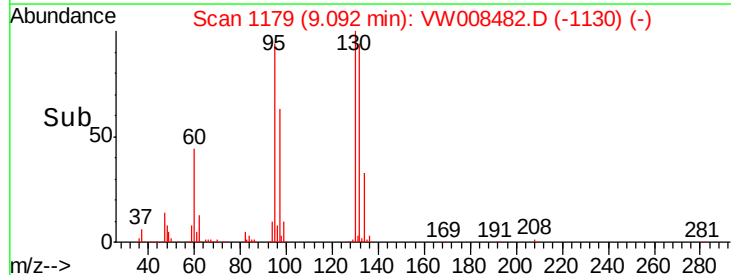
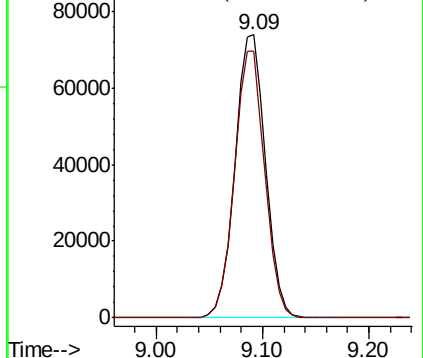
130 100

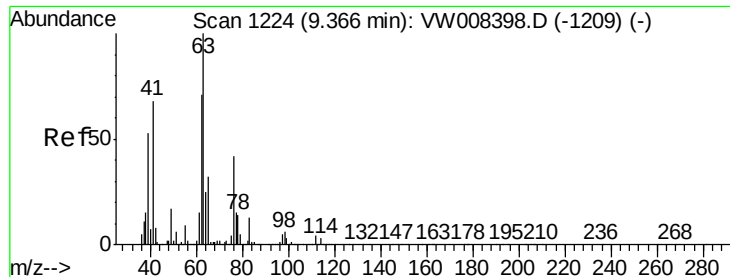
95 94.2 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

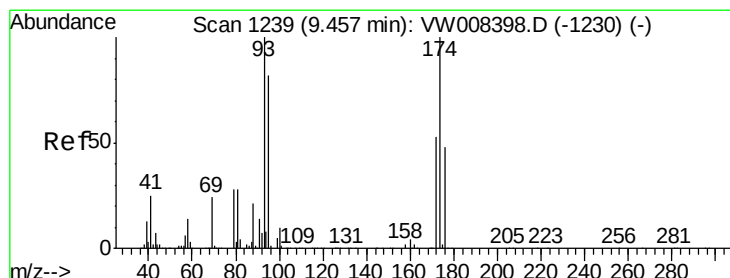
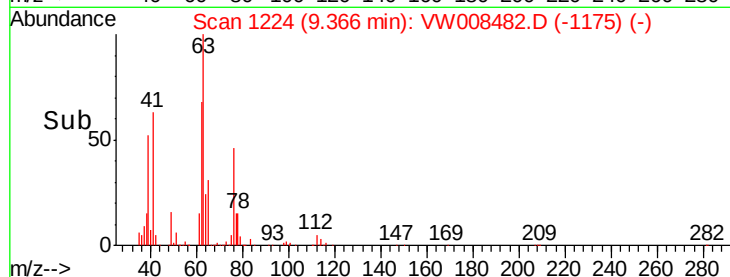
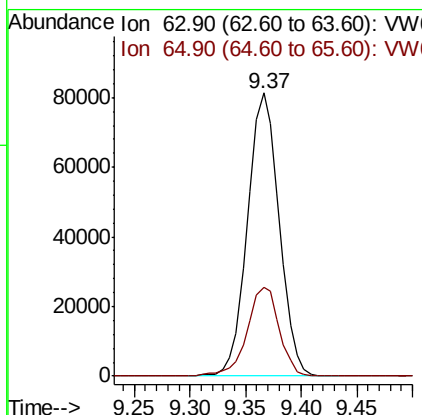
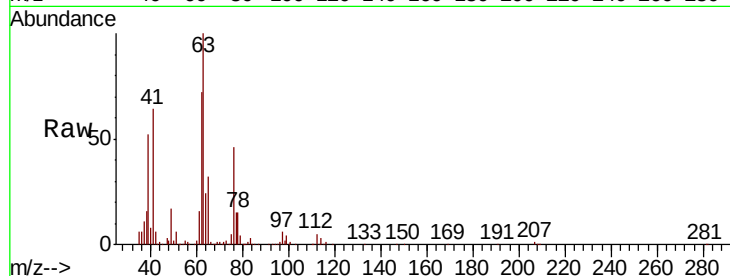




#45
 1,2-Dichloropropane
 Concen: 59.572 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

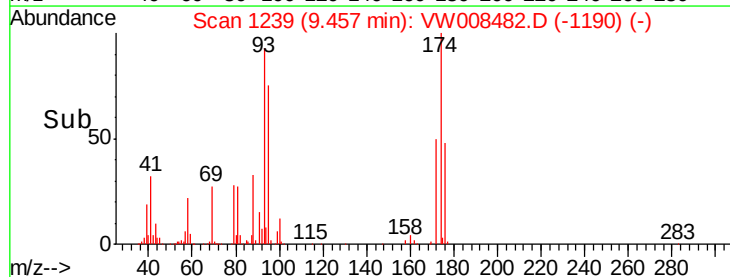
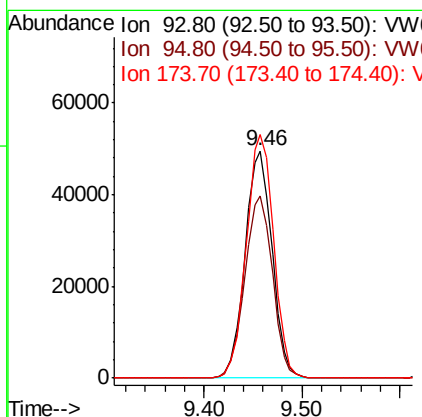
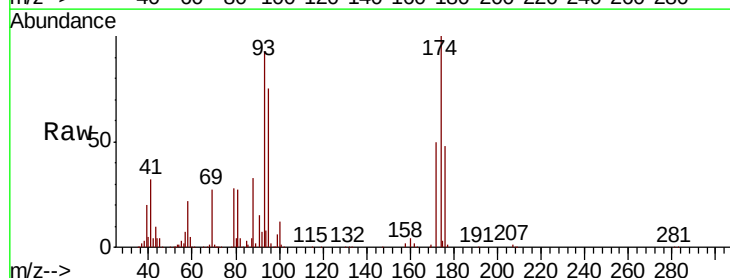
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

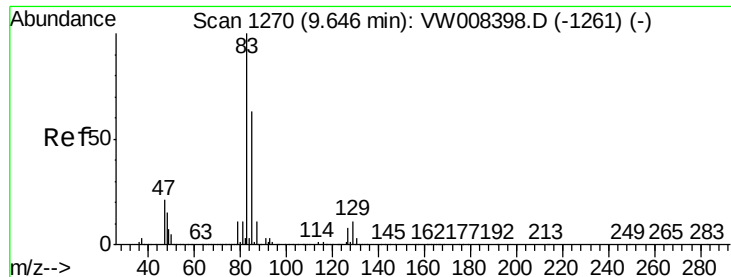
Tgt Ion: 63 Resp: 161282
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.2 37.8



#46
 Dibromomethane
 Concen: 68.416 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 93 Resp: 95268
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 108.5 81.0 121.6





#47

Bromodichloromethane

Concen: 60.053 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

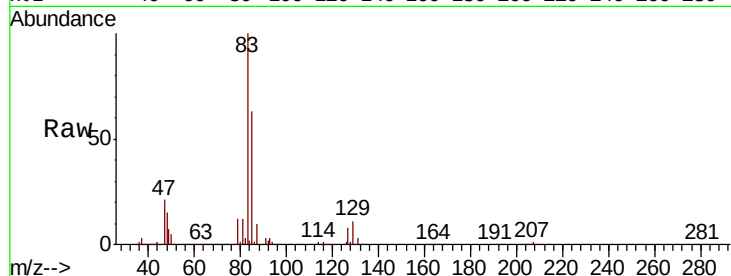
Tgt Ion: 83 Resp: 221185

Ion Ratio Lower Upper

83 100

85 62.8 50.8 76.2

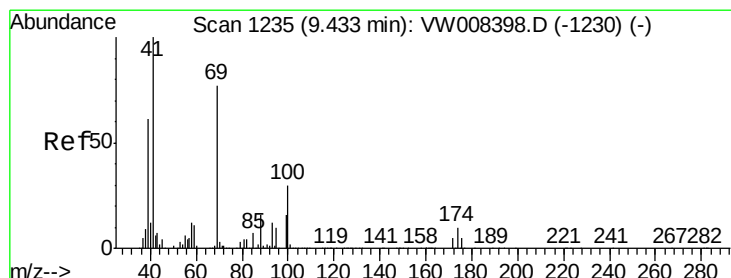
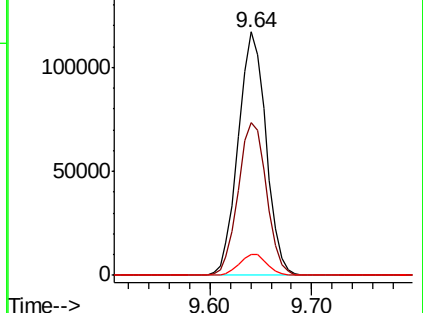
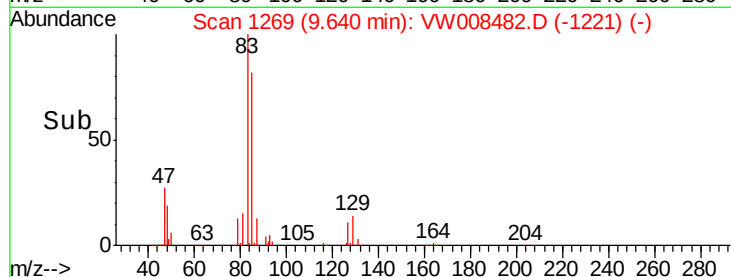
127 8.4 6.8 10.2



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: 107.690 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

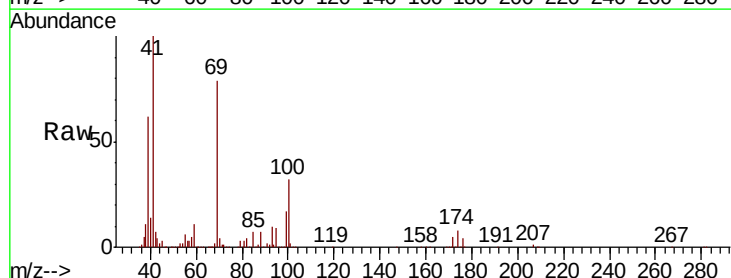
Tgt Ion: 41 Resp: 189387

Ion Ratio Lower Upper

41 100

69 80.5 64.8 97.2

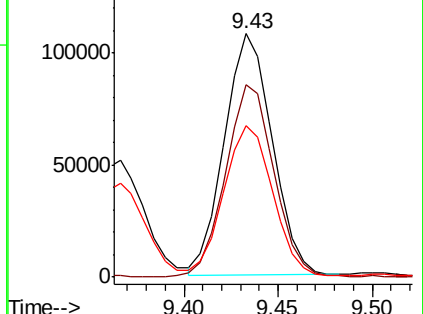
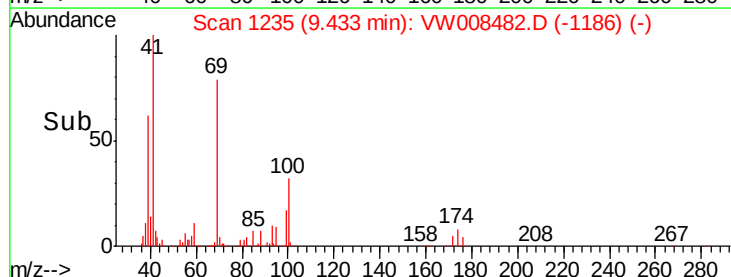
39 63.9 49.1 73.7

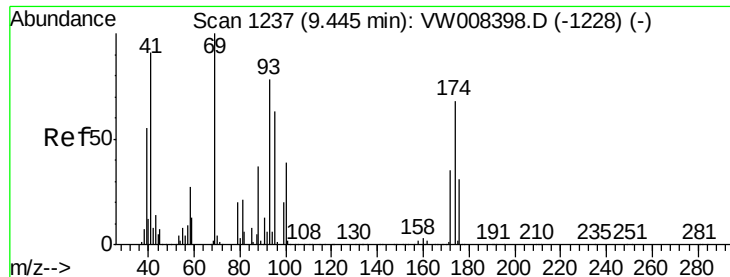


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1636.558 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

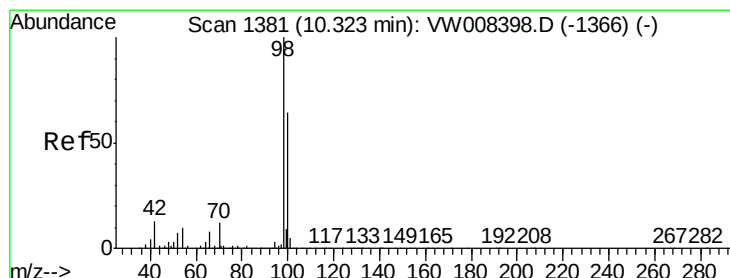
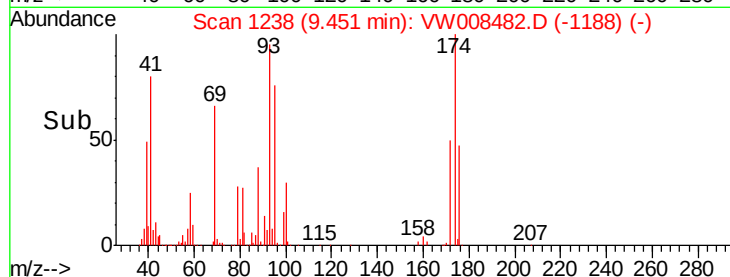
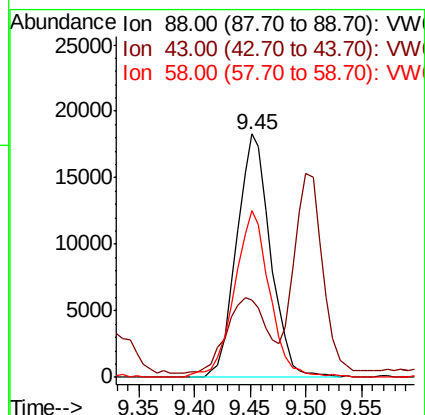
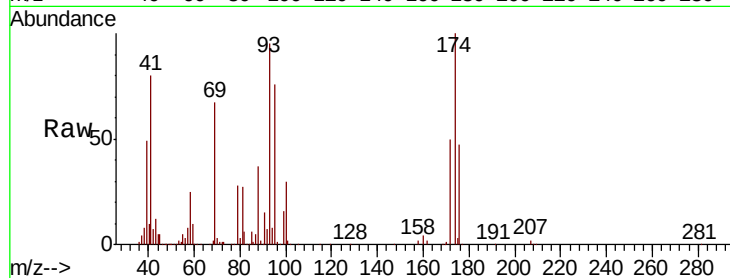
Tgt Ion: 88 Resp: 38520

Ion Ratio Lower Upper

88 100

43 37.9 29.0 43.4

58 71.6 56.4 84.6



#50

Toluene-d8

Concen: 47.904 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008482.D

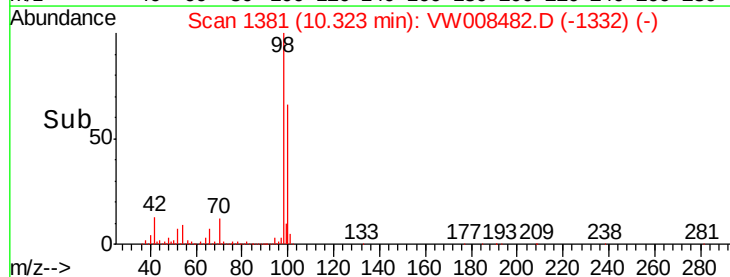
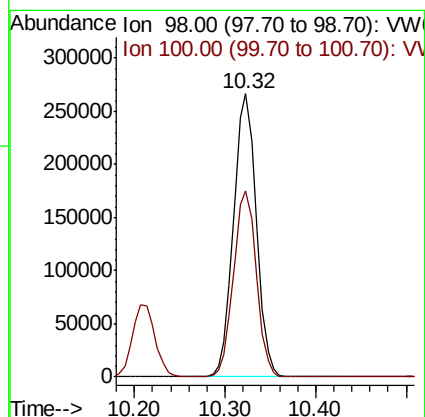
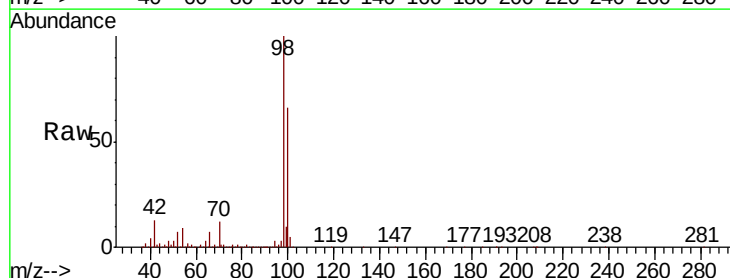
Acq: 01 Feb 2019 15:30

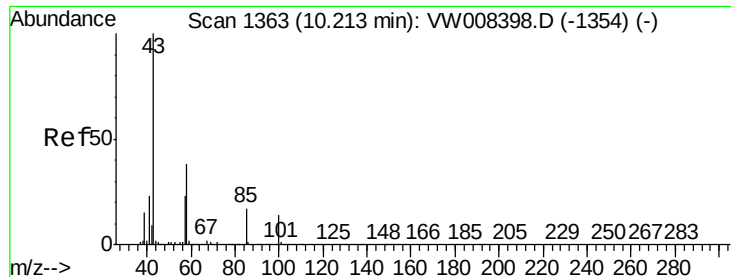
Tgt Ion: 98 Resp: 465301

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8

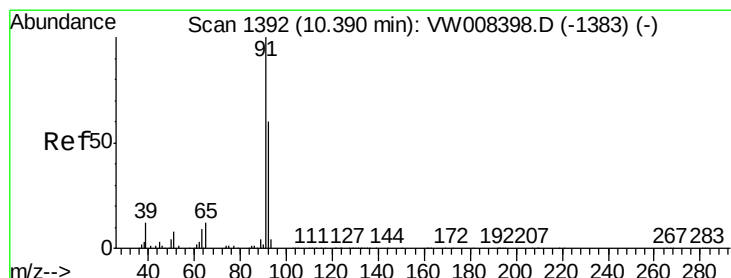
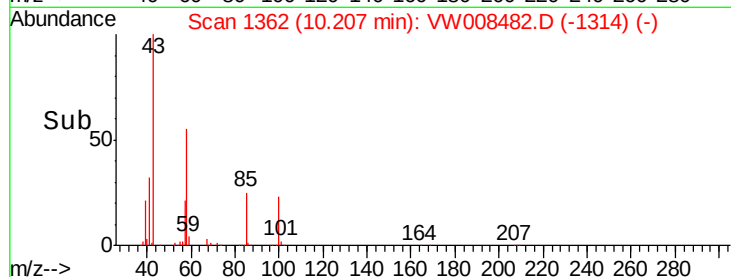
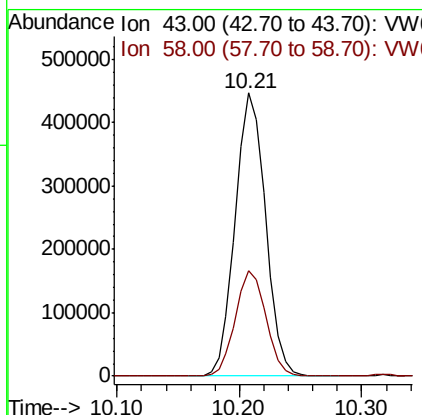
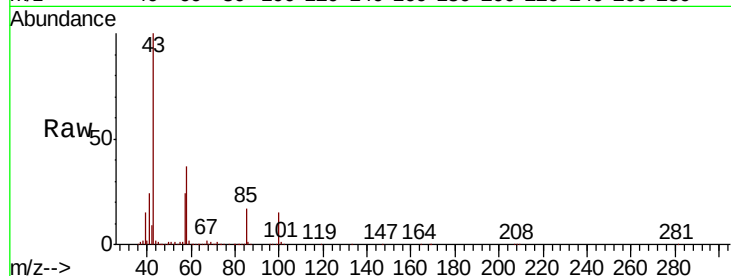




#51
 4-Methyl-2-Pentanone
 Concen: 431.558 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

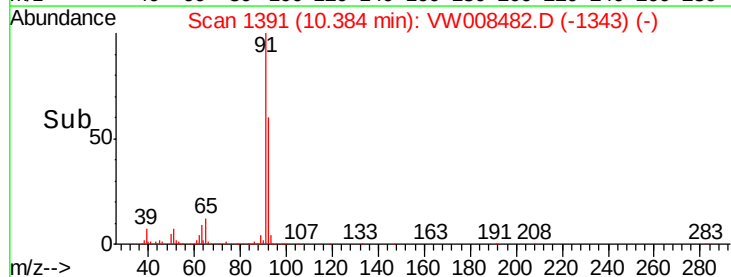
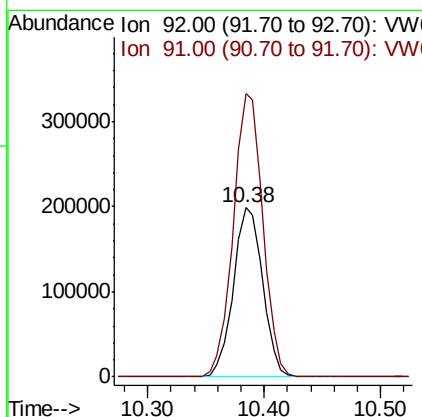
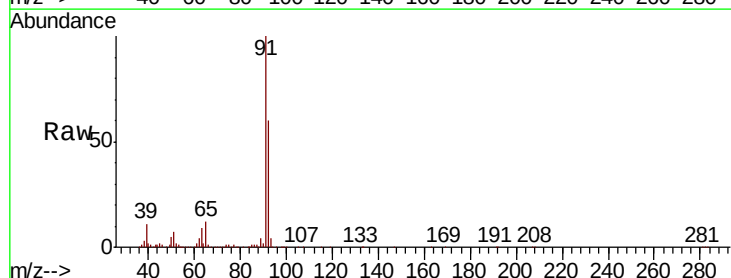
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

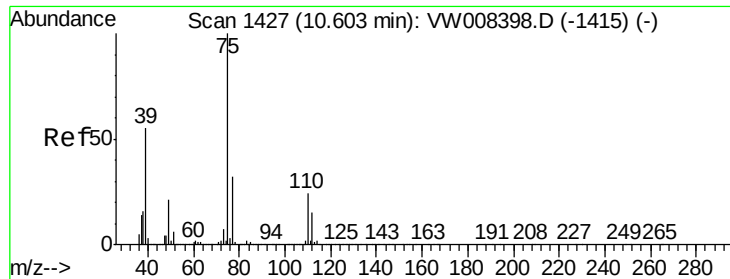
Tgt Ion: 43 Resp: 766820
 Ion Ratio Lower Upper
 43 100
 58 37.5 29.7 44.5



#52
 Toluene
 Concen: 48.548 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 92 Resp: 347976
 Ion Ratio Lower Upper
 92 100
 91 169.0 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 54.436 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

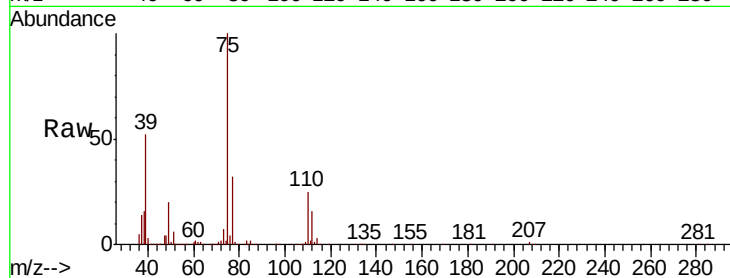
A0C17-SS1MS

Tgt Ion: 75 Resp: 213344

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

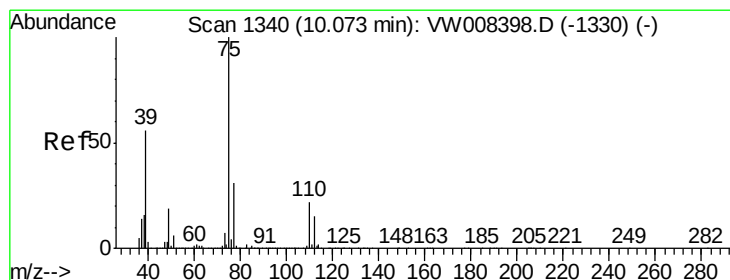
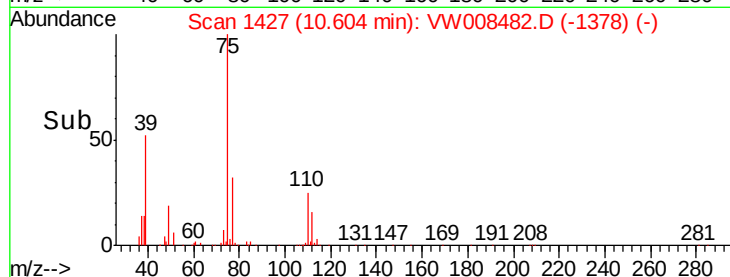
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.215 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

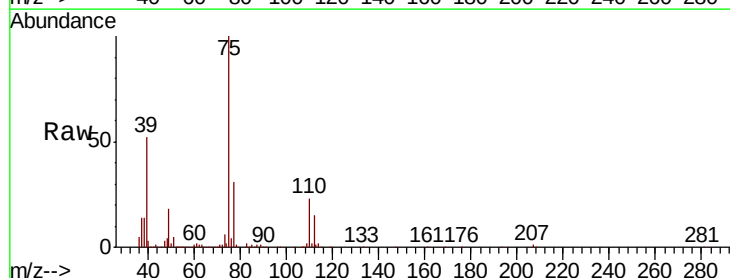
Tgt Ion: 75 Resp: 241125

Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4

39 51.4 44.9 67.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

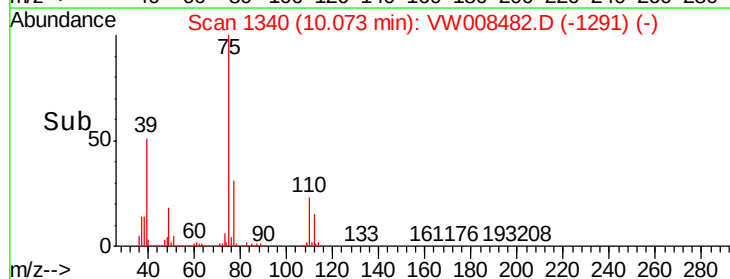
150000

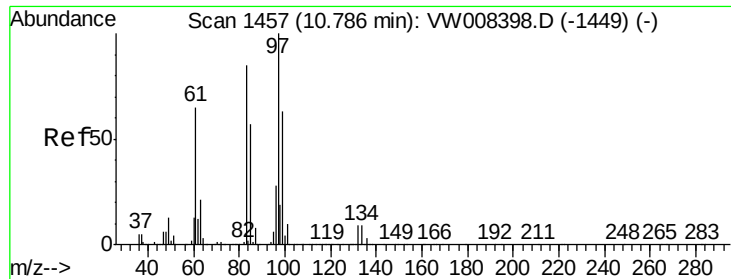
100000

50000

0

Time-->

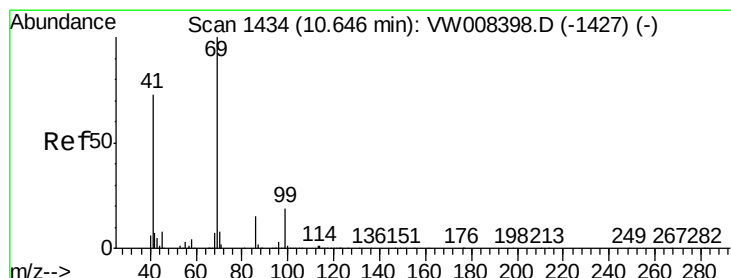
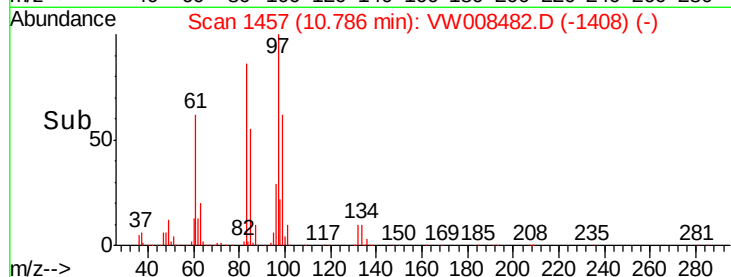
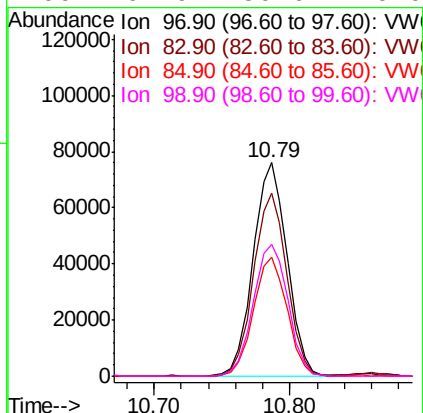
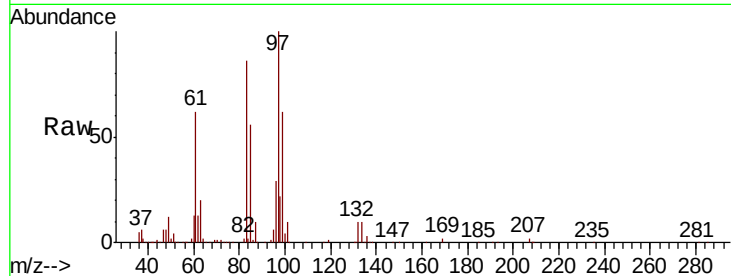




#55
 1,1,2-Trichloroethane
 Concen: 68.839 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

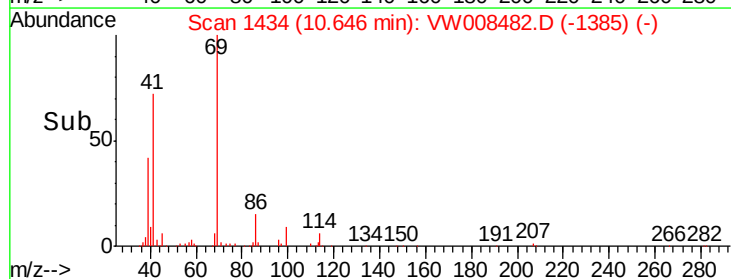
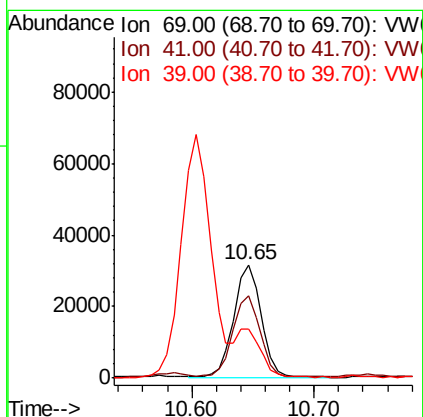
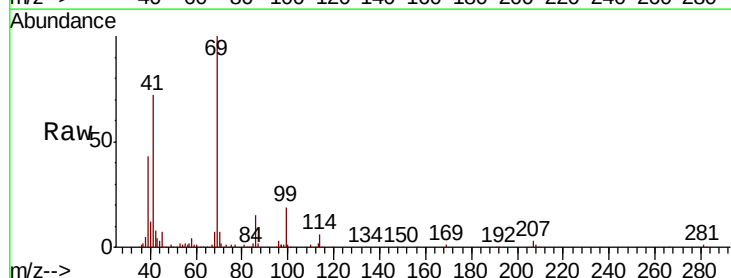
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

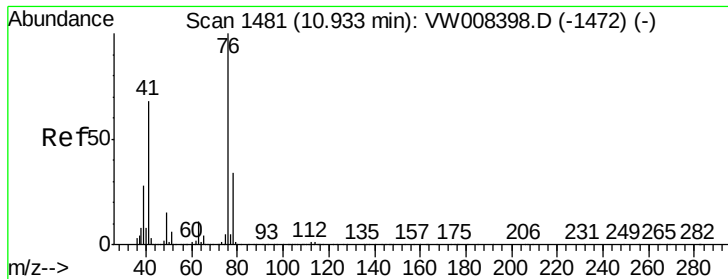
Tgt Ion:	97	Resp:	132958
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.4	102.6
85	55.5	45.3	67.9
99	61.9	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 17.900 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion:	69	Resp:	48445
Ion	Ratio	Lower	Upper
69	100		
41	73.7	58.7	88.1
39	34.5	32.6	48.8

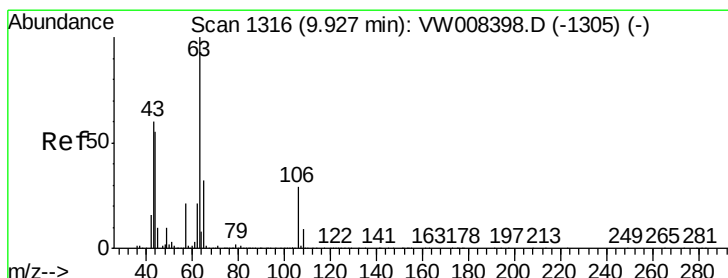
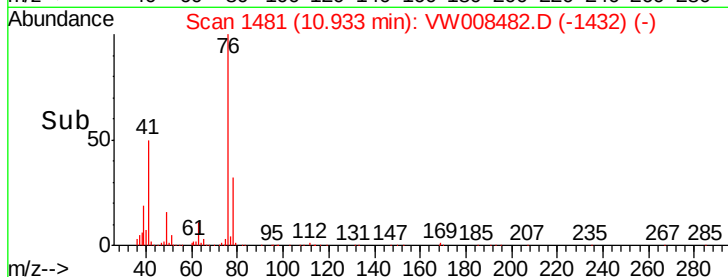
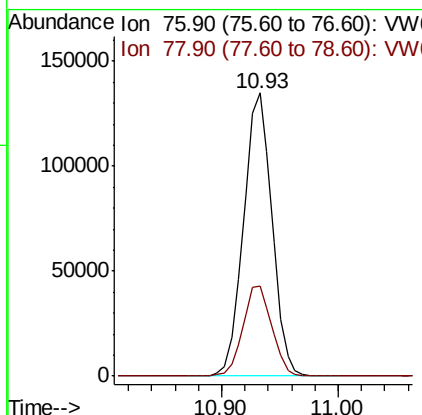
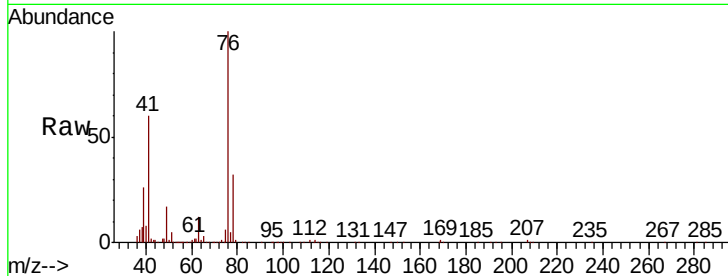




#57
 1,3-Dichloropropane
 Concen: 66.423 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

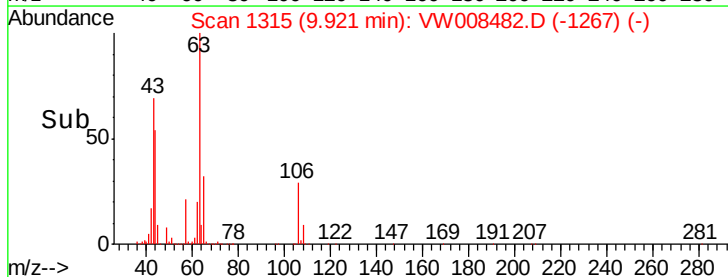
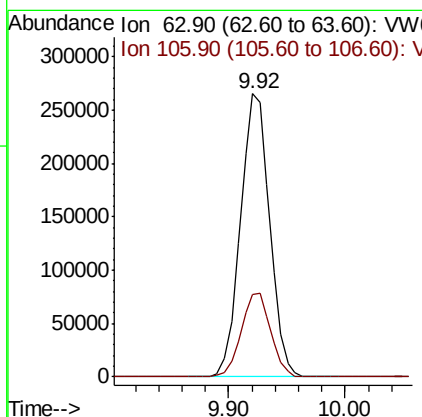
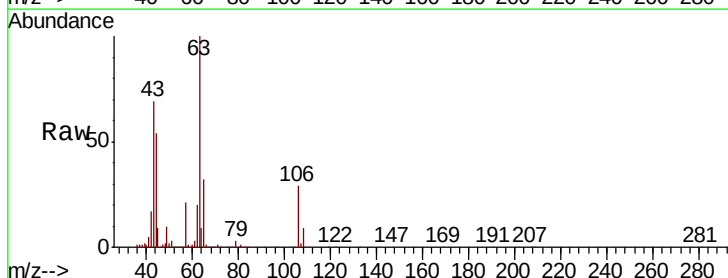
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

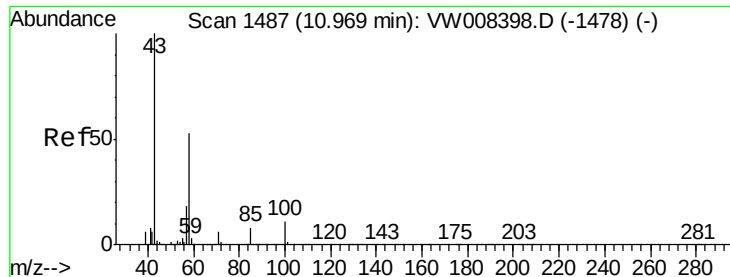
Tgt Ion: 76 Resp: 229838
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 352.167 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 63 Resp: 463083
 Ion Ratio Lower Upper
 63 100
 106 29.9 22.4 33.6

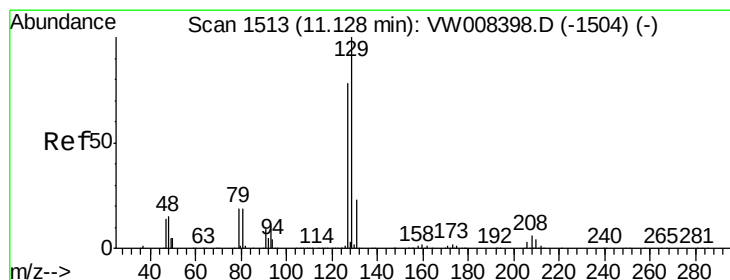
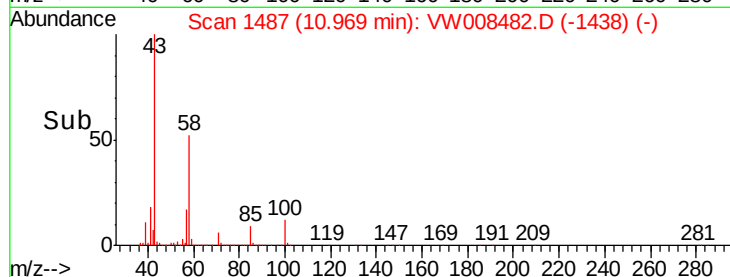
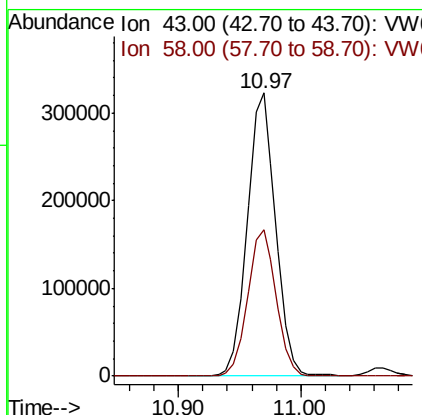
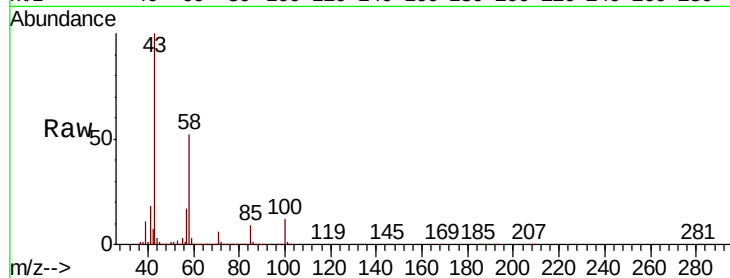




#59
2-Hexanone
Concen: 412.857 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

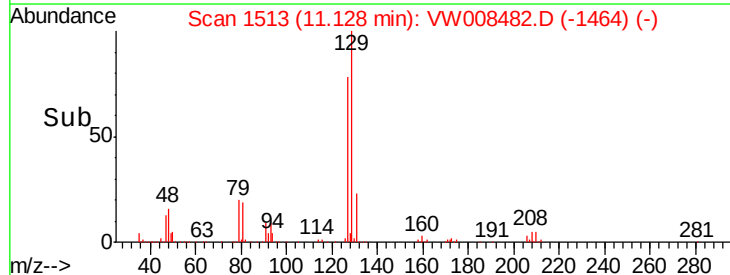
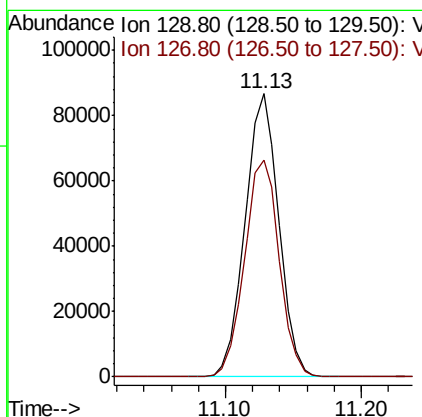
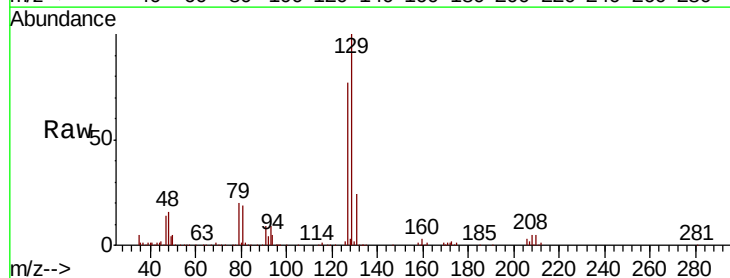
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

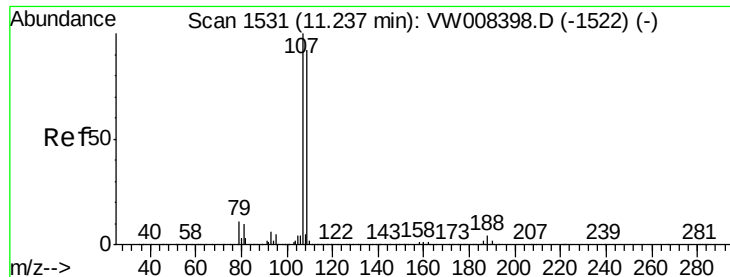
Tgt Ion: 43 Resp: 517884
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.7



#60
Dibromochloromethane
Concen: 60.628 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion: 129 Resp: 150483
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

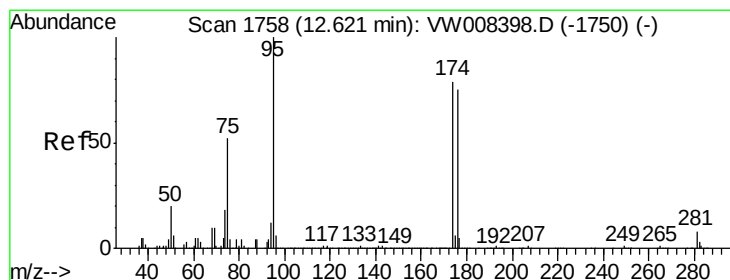
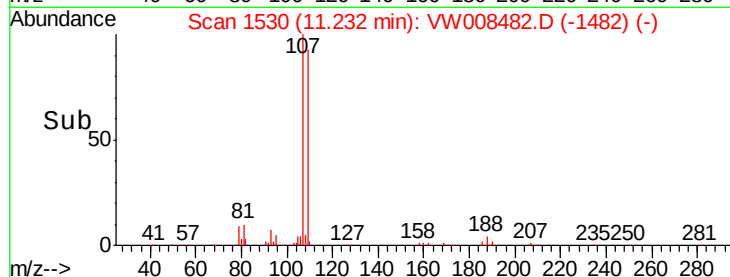
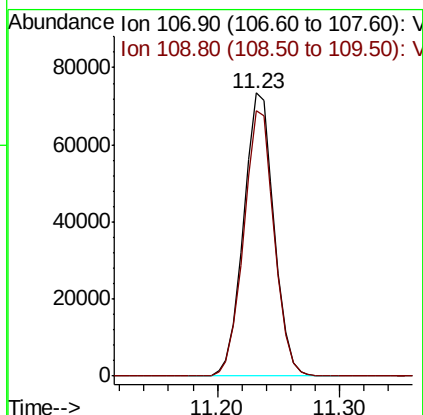
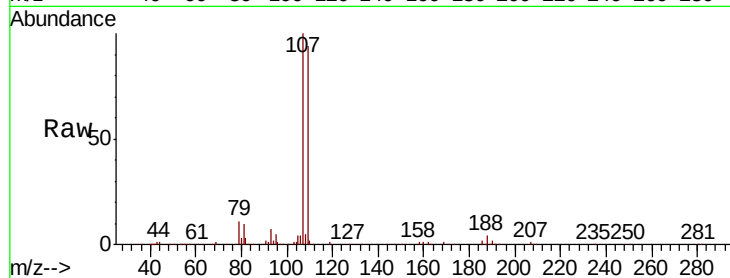




#61
 1,2-Dibromoethane
 Concen: 66.196 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

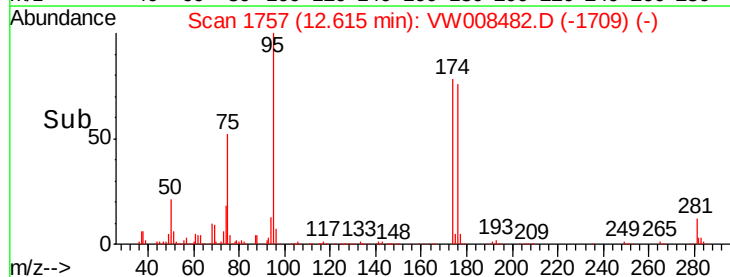
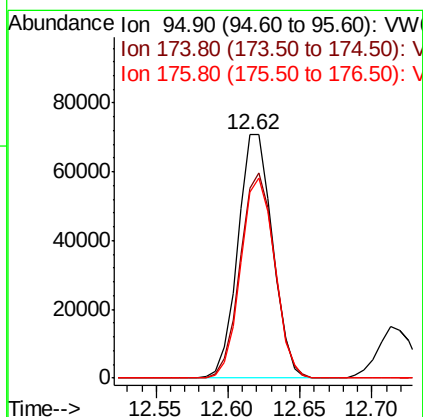
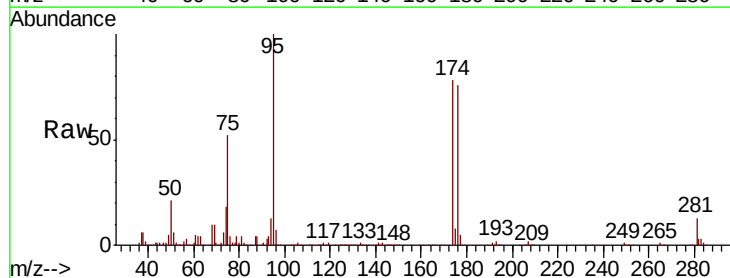
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

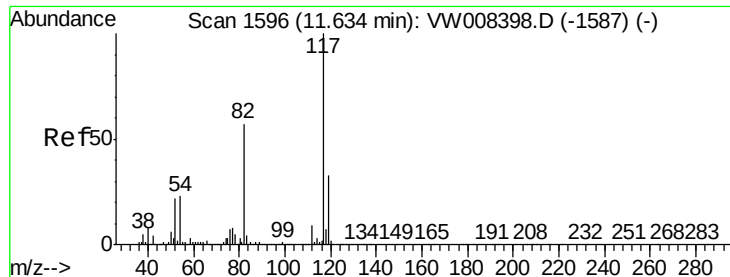
Tgt Ion: 107 Resp: 126774
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 31.745 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion: 95 Resp: 118522
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 157.6
 176 80.5 0.0 151.8

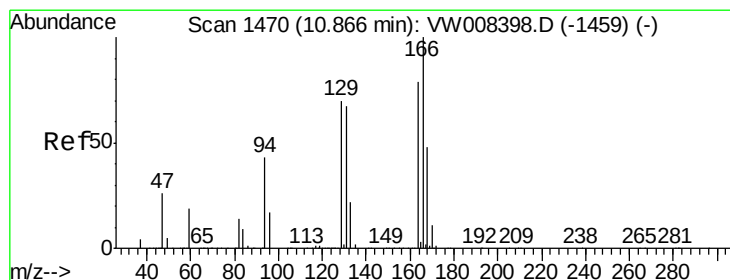
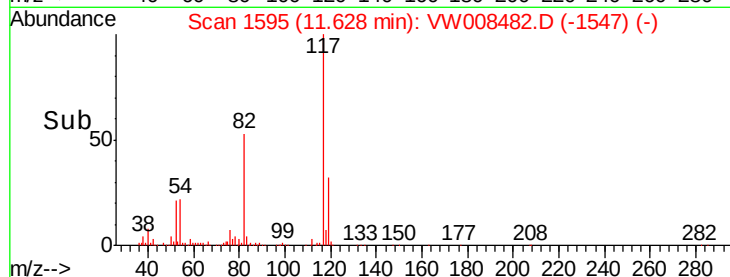
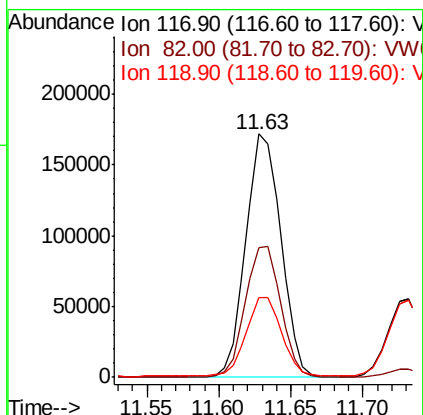
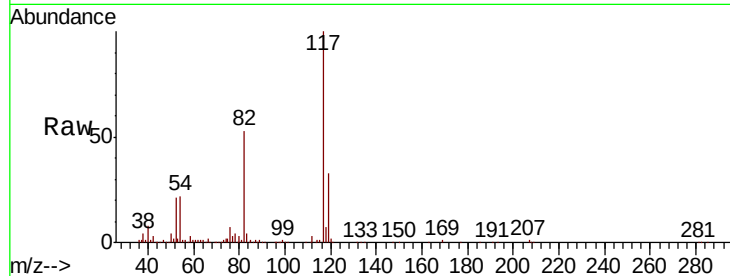




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

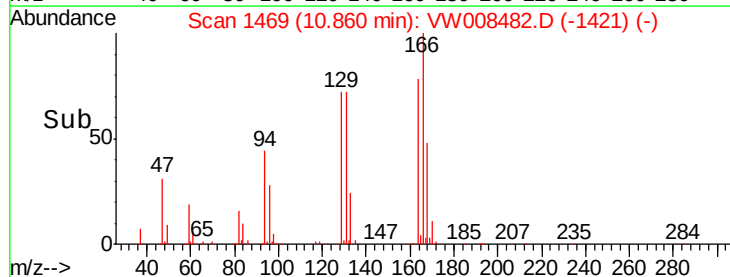
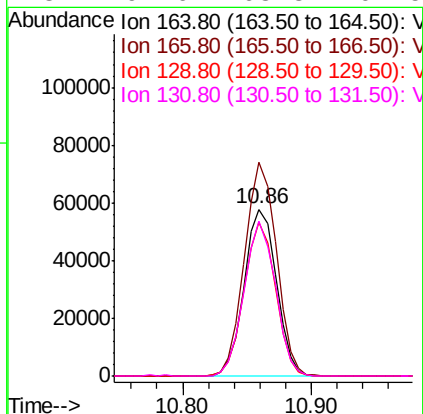
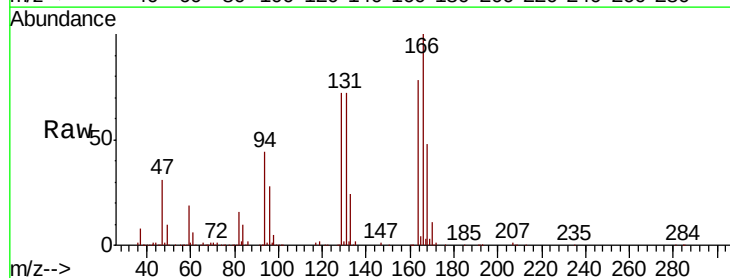
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

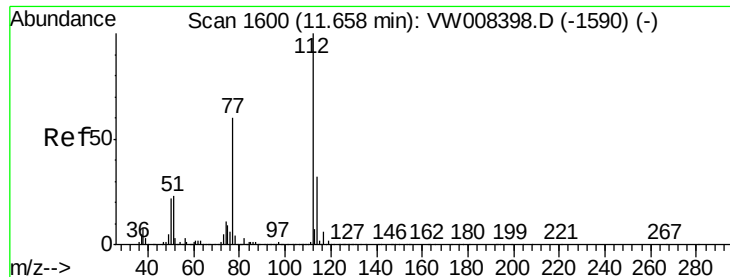
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	32.2	26.2	39.4



#64
Tetrachloroethene
Concen: 50.699 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.4	152.0
129	92.0	71.0	106.6
131	92.6	68.3	102.5





#65

Chlorobenzene

Concen: 54.289 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

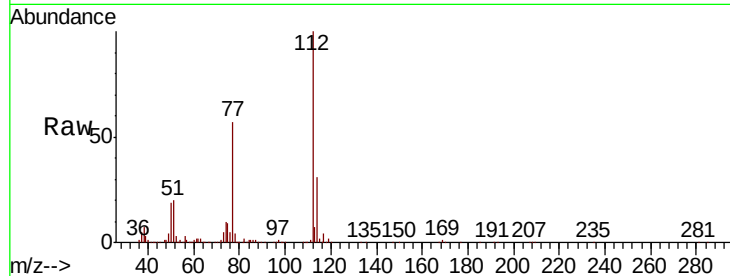
A0C17-SS1MS

Tgt Ion:112 Resp: 321906

Ion Ratio Lower Upper

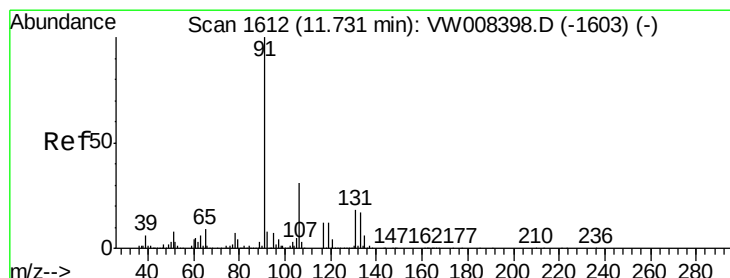
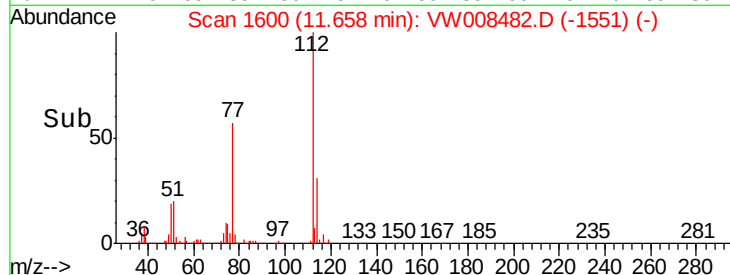
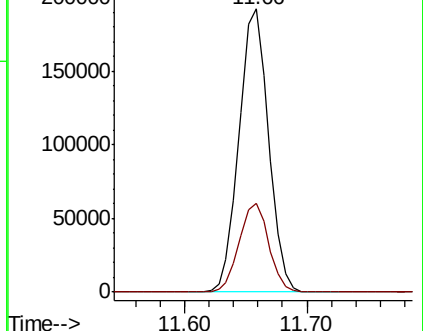
112 100

114 31.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 68.213 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

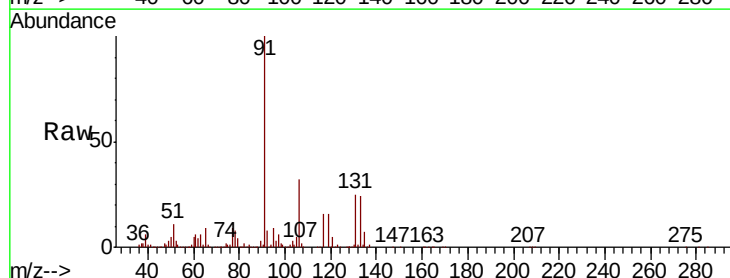
Tgt Ion:131 Resp: 144713

Ion Ratio Lower Upper

131 100

133 94.9 47.0 141.2

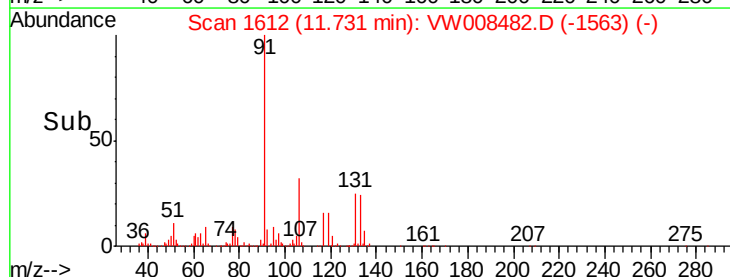
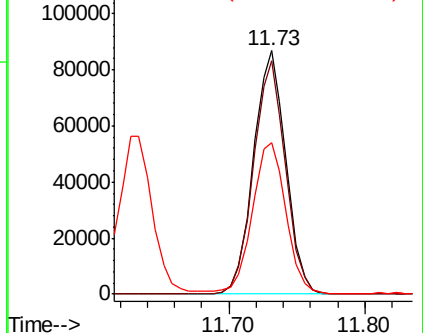
119 64.3 32.1 96.3

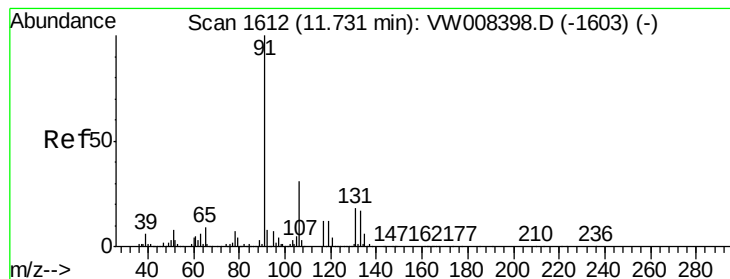


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.261 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

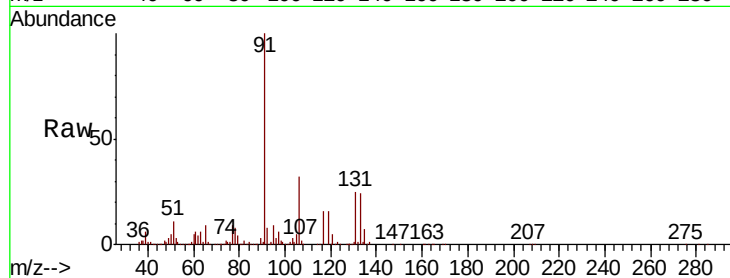
A0C17-SS1MS

Tgt Ion: 91 Resp: 547813

Ion Ratio Lower Upper

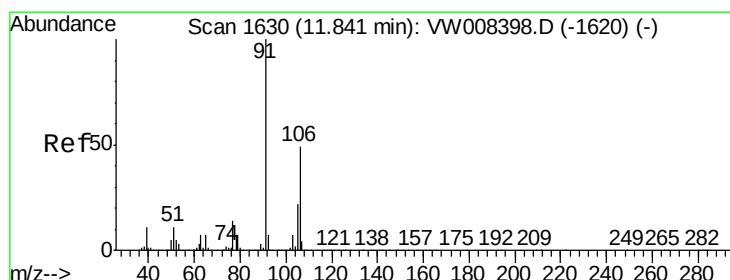
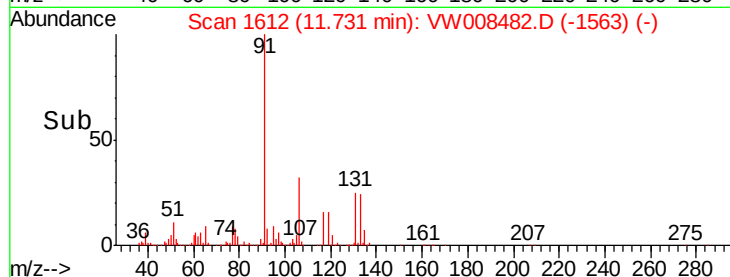
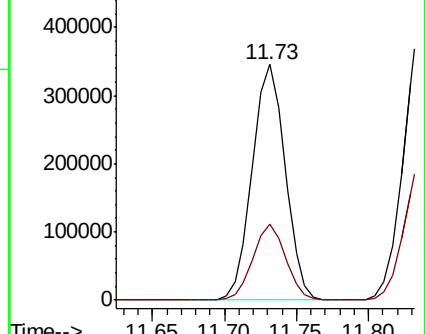
91 100

106 32.1 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.960 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008482.D

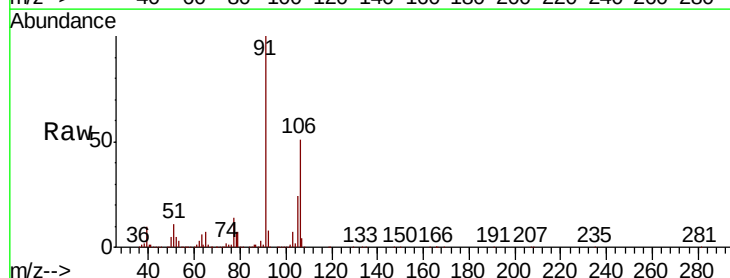
Acq: 01 Feb 2019 15:30

Tgt Ion: 106 Resp: 410036

Ion Ratio Lower Upper

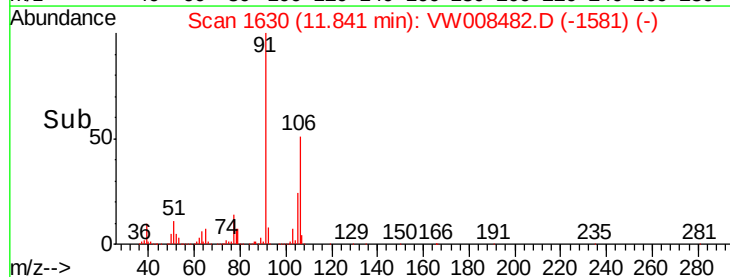
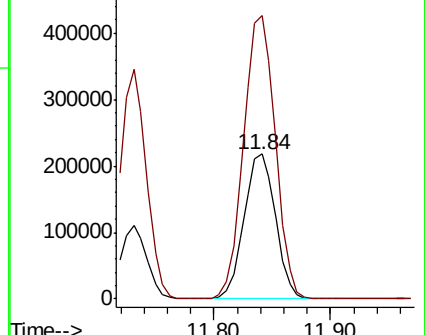
106 100

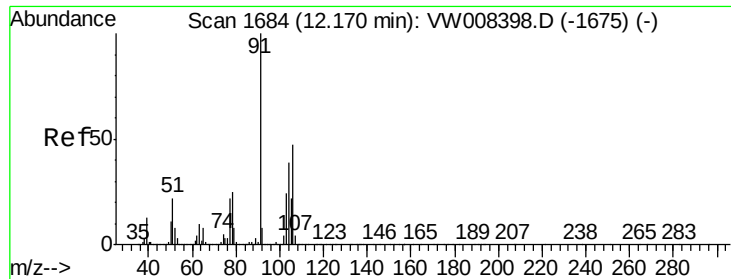
91 197.8 162.9 244.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

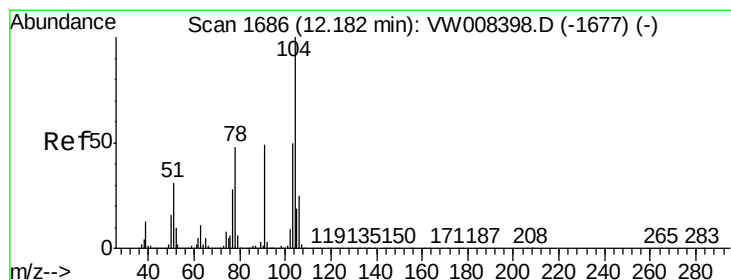
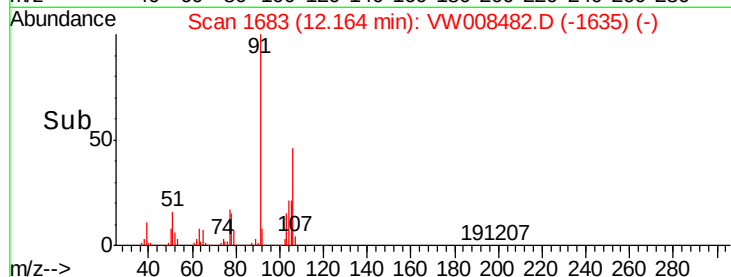
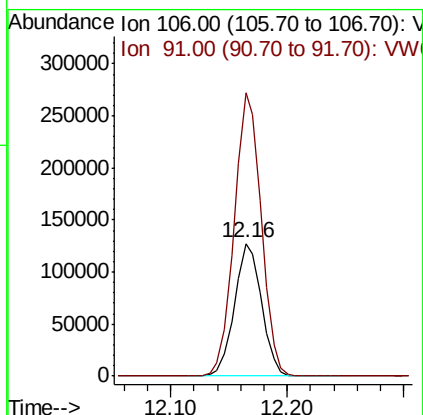
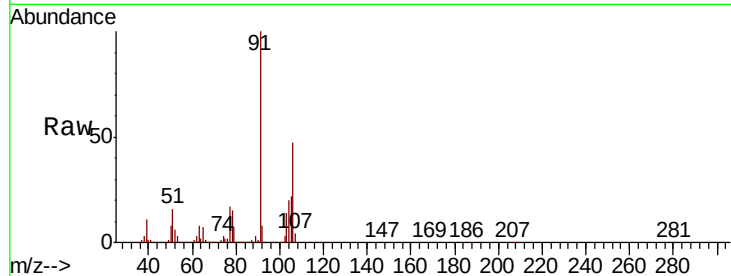




#69
o-Xylene
Concen: 51.084 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

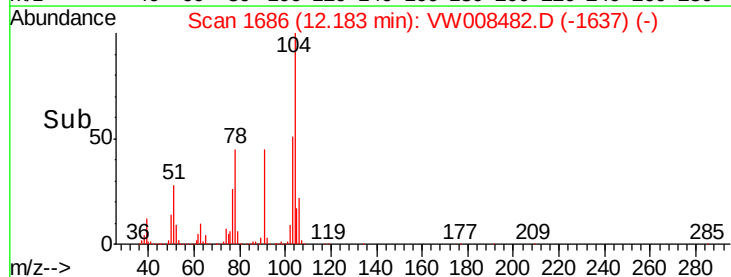
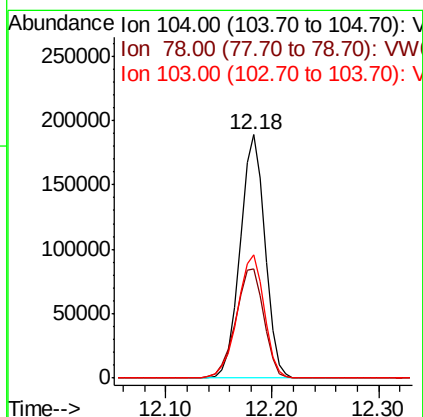
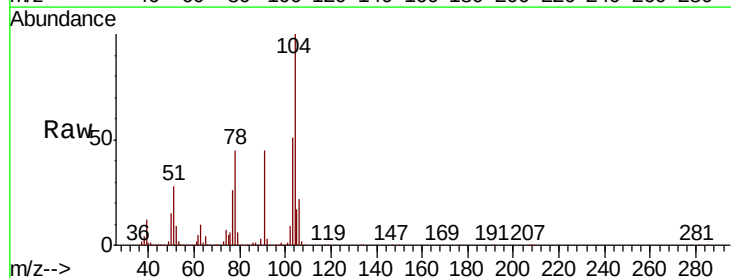
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MS

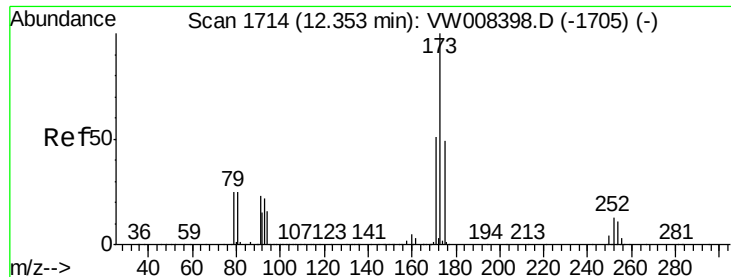
Tgt Ion:106 Resp: 205262
Ion Ratio Lower Upper
106 100
91 213.6 107.5 322.4



#70
Styrene
Concen: 46.695 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion:104 Resp: 309920
Ion Ratio Lower Upper
104 100
78 50.9 42.4 63.6
103 54.8 43.4 65.0





#71

Bromoform

Concen: 78.236 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

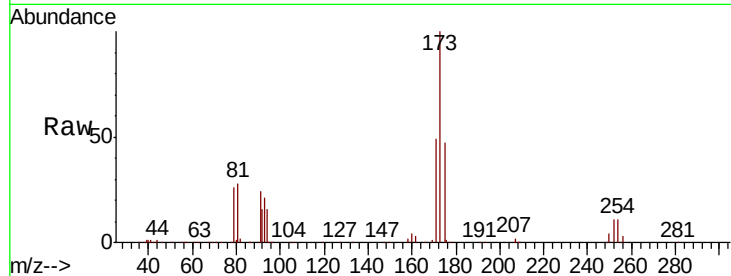
Tgt Ion:173 Resp: 93384

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

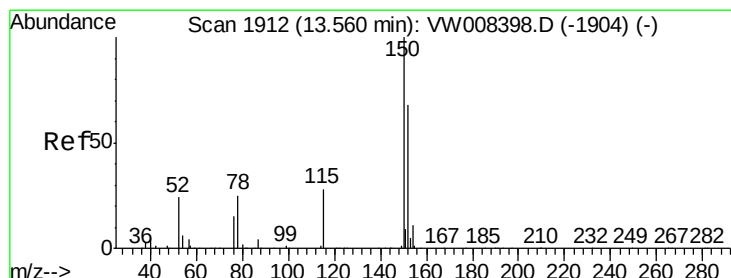
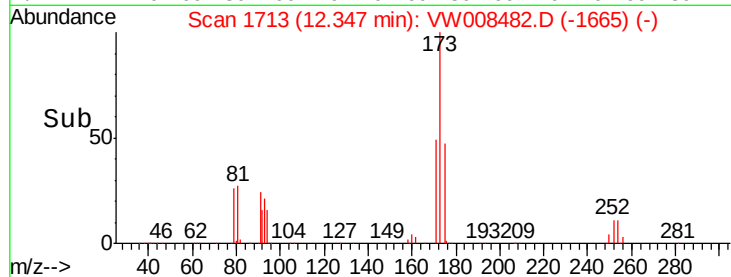
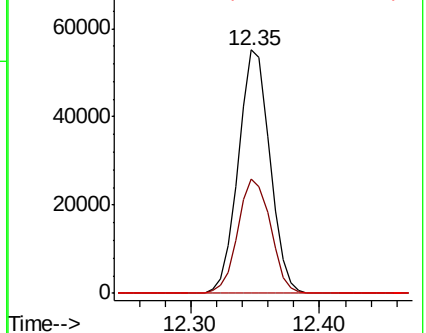
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

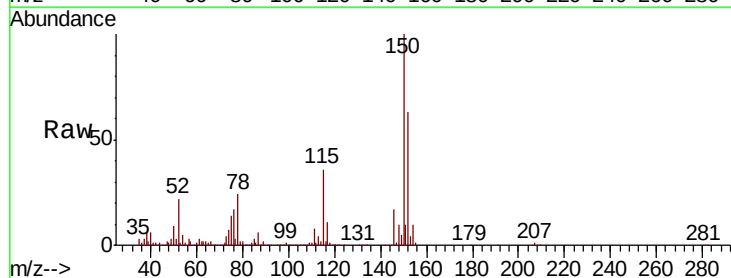
Tgt Ion:152 Resp: 88612

Ion Ratio Lower Upper

152 100

115 56.5 29.9 89.7

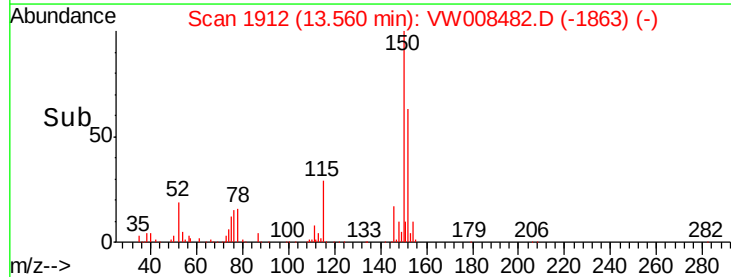
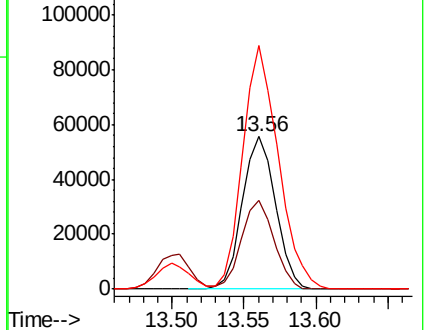
150 171.6 0.0 351.4

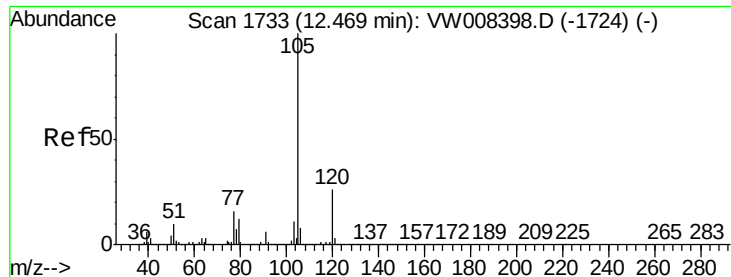


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 68.718 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

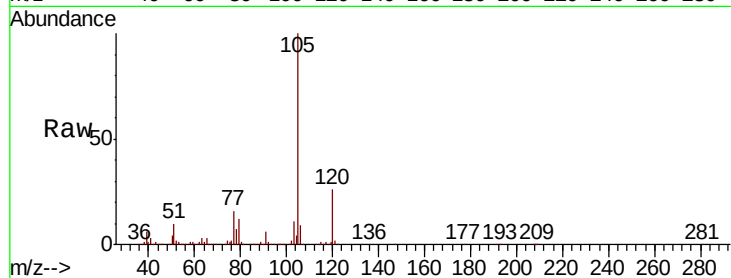
A0C17-SS1MS

Tgt Ion:105 Resp: 453964

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

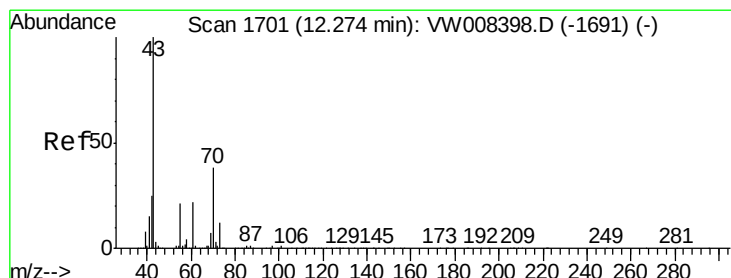
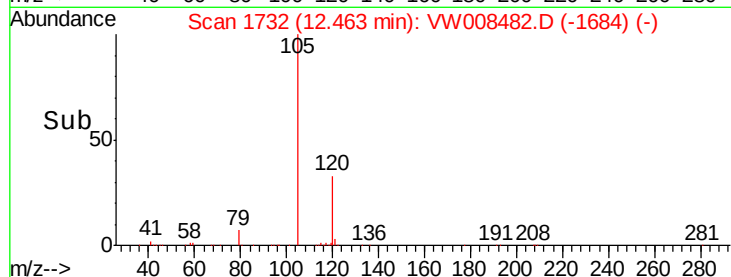
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 2.455 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Tgt Ion: 43 Resp: 4178

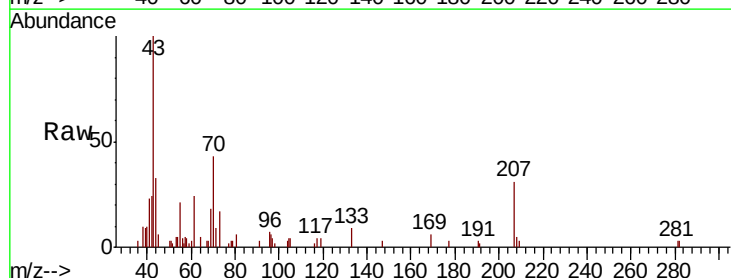
Ion Ratio Lower Upper

43 100

70 44.4 31.0 46.6

55 25.8 17.4 26.2

61 25.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

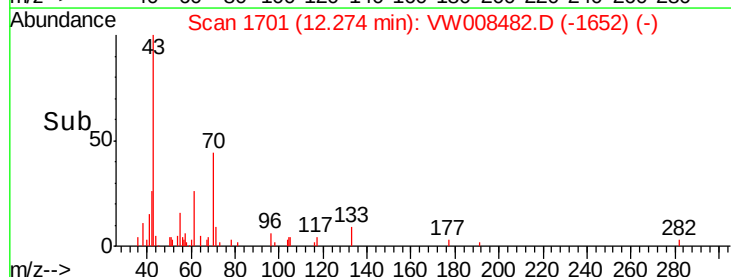
6000

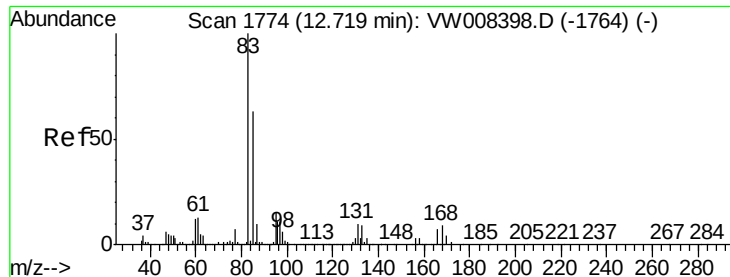
4000

2000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 143.010 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

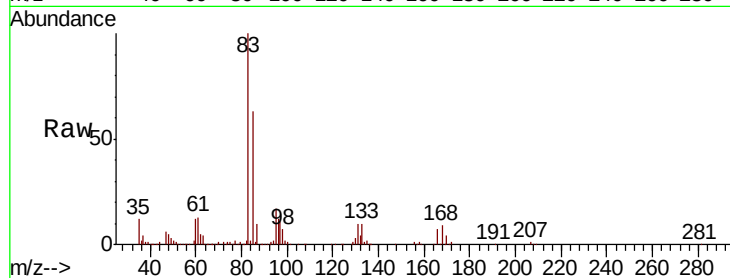
Tgt Ion: 83 Resp: 149573

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

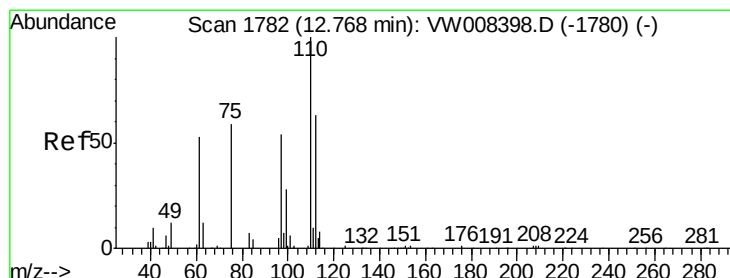
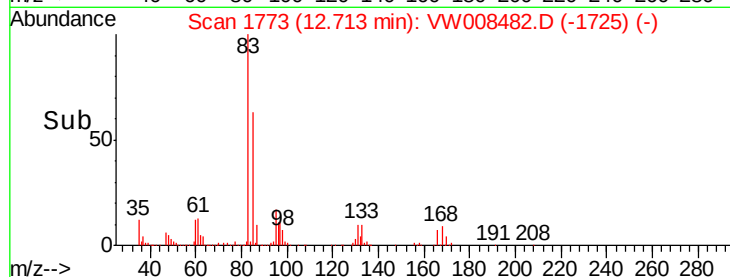
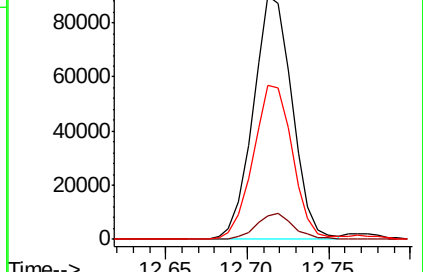
85 63.9 31.9 95.5



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: 252.569 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008482.D

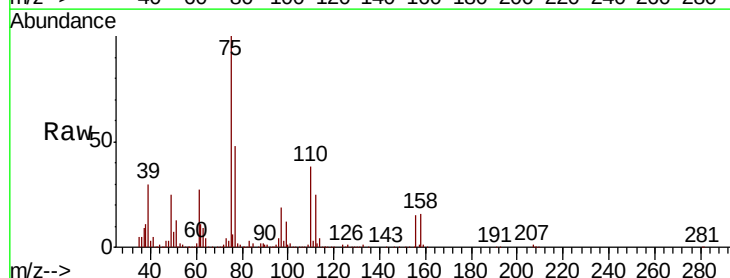
Acq: 01 Feb 2019 15:30

Tgt Ion: 75 Resp: 194584

Ion Ratio Lower Upper

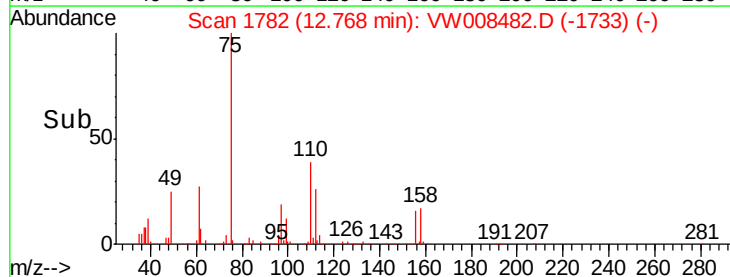
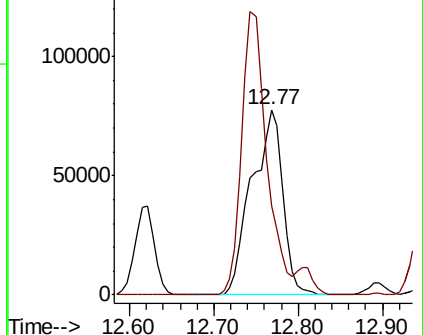
75 100

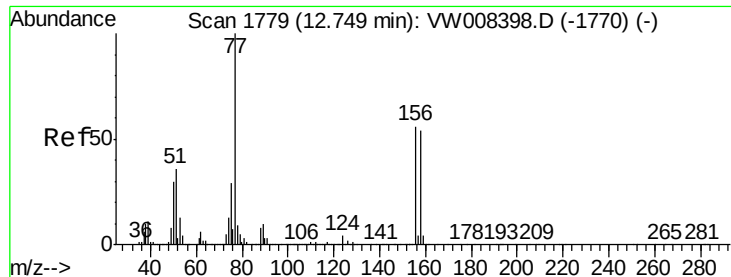
77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 80.780 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

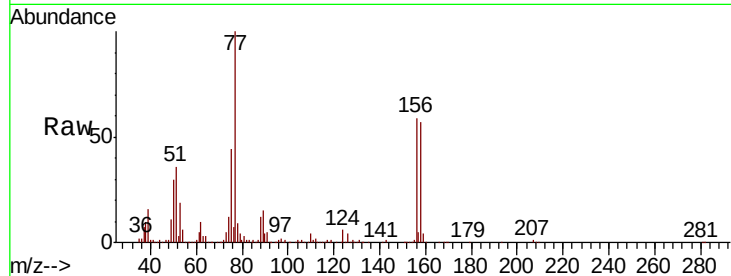
Tgt Ion: 156 Resp: 116544

Ion Ratio Lower Upper

156 100

77 203.4 96.9 290.7

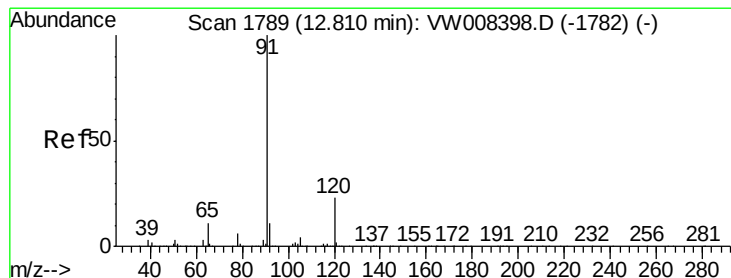
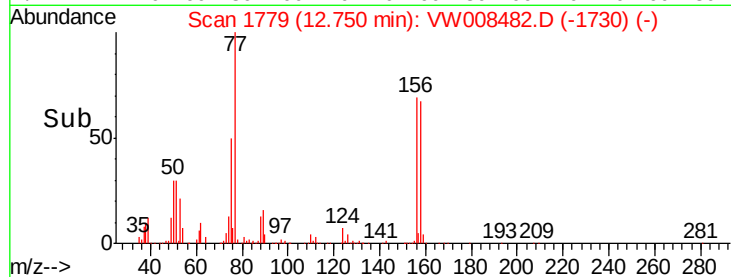
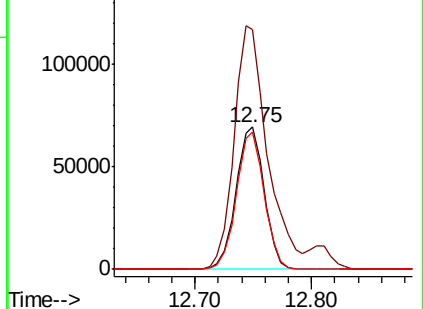
158 95.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.410 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008482.D

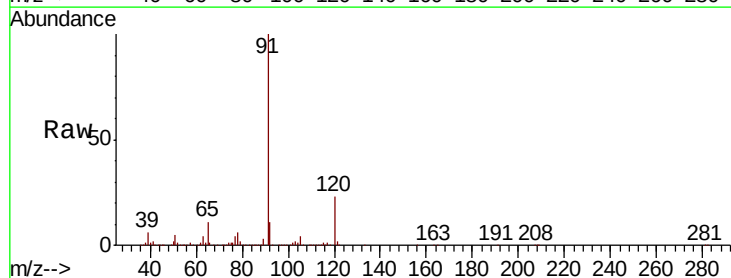
Acq: 01 Feb 2019 15:30

Tgt Ion: 91 Resp: 439650

Ion Ratio Lower Upper

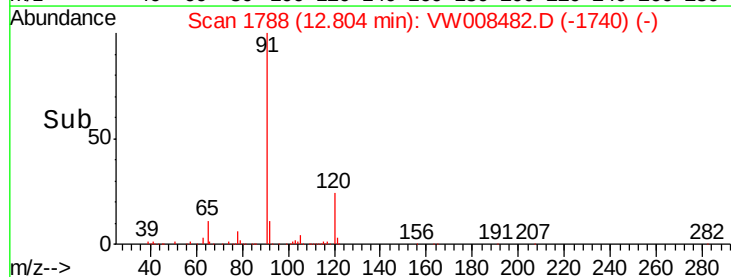
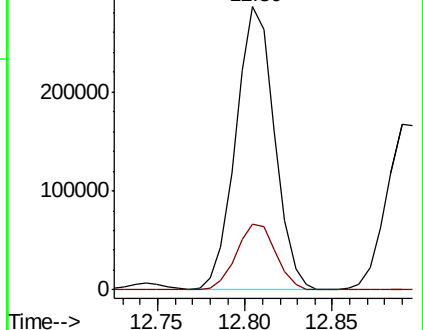
91 100

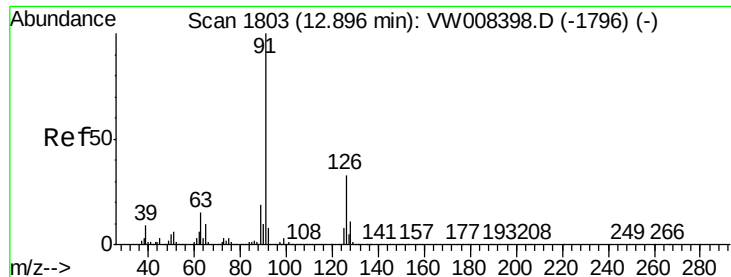
120 23.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 61.781 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

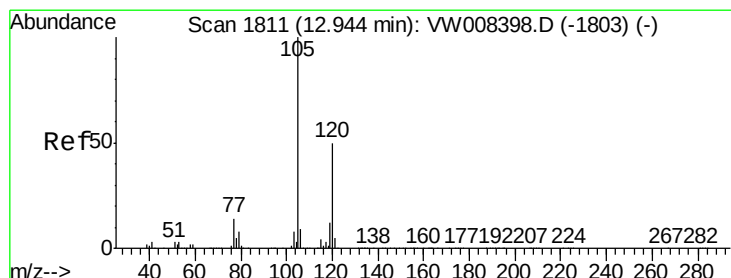
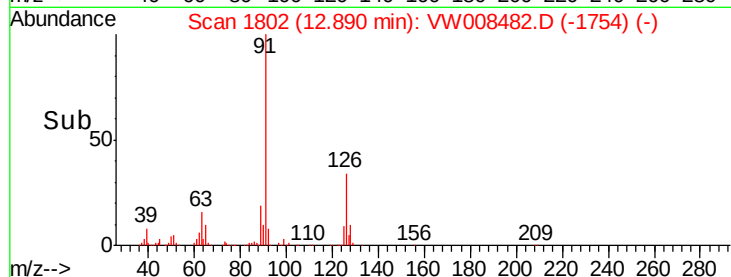
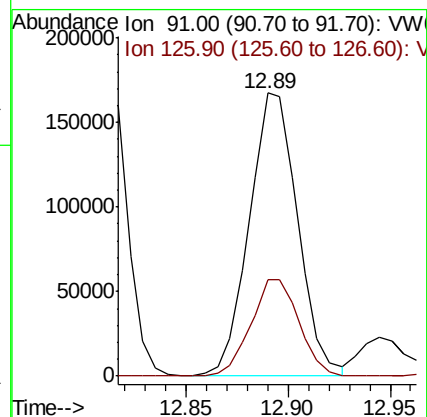
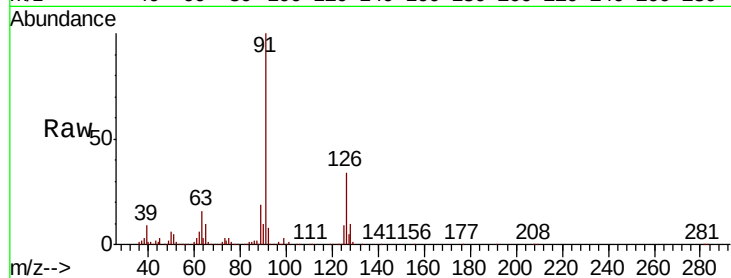
A0C17-SS1MS

Tgt Ion: 91 Resp: 276616

Ion Ratio Lower Upper

91 100

126 33.9 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 59.300 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008482.D

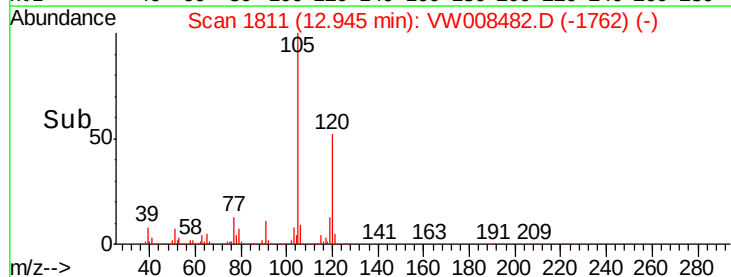
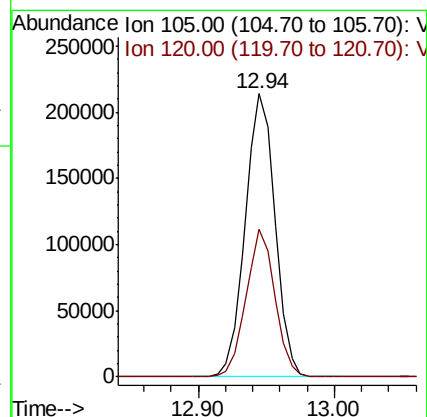
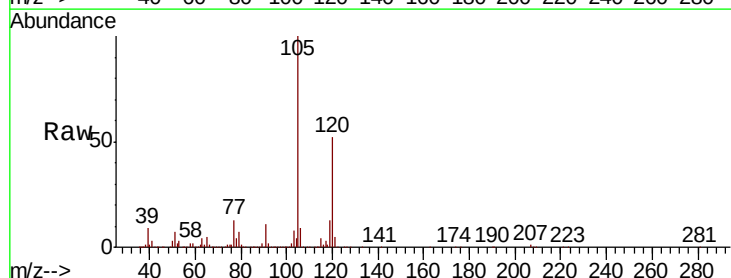
Acq: 01 Feb 2019 15:30

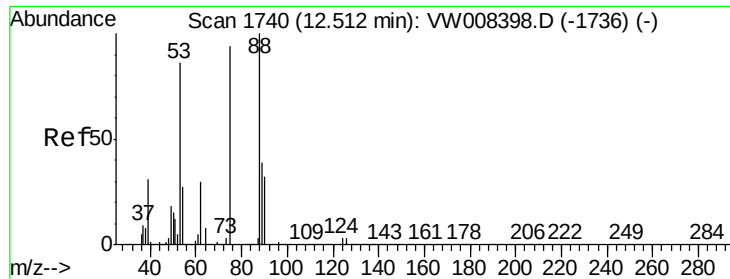
Tgt Ion: 105 Resp: 327436

Ion Ratio Lower Upper

105 100

120 50.6 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 124.995 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

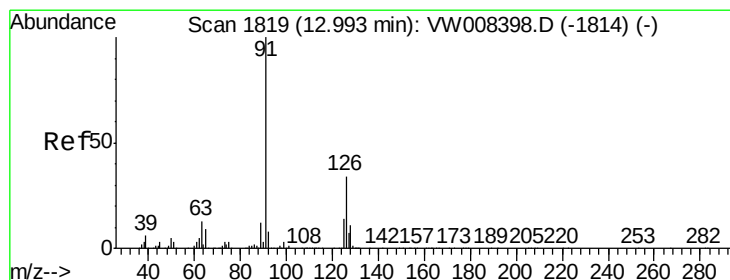
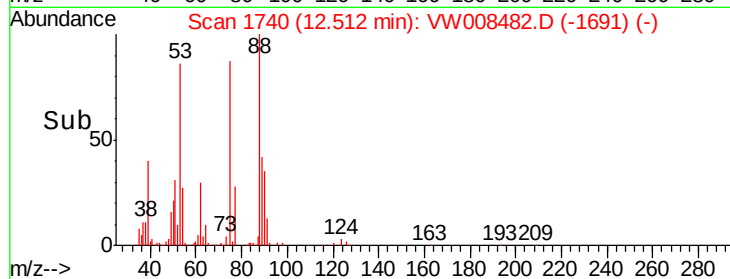
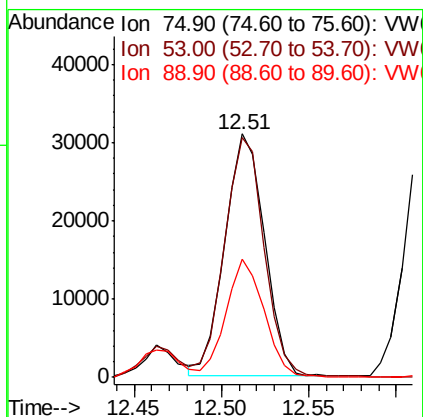
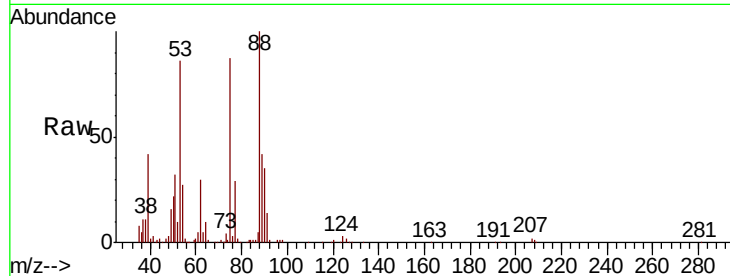
Tgt Ion: 75 Resp: 48757

Ion Ratio Lower Upper

75 100

53 98.6 76.0 114.0

89 47.0 35.4 53.0



#82

4-Chlorotoluene

Concen: 56.801 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008482.D

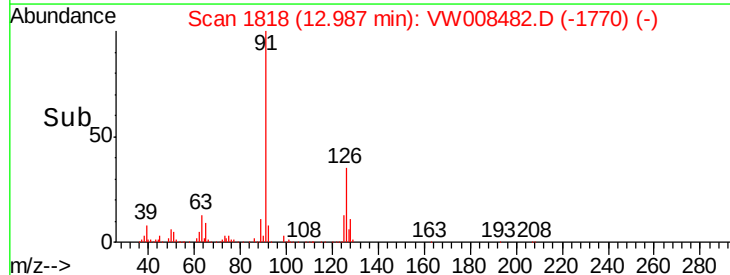
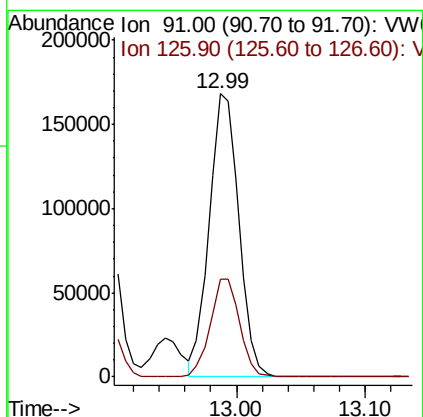
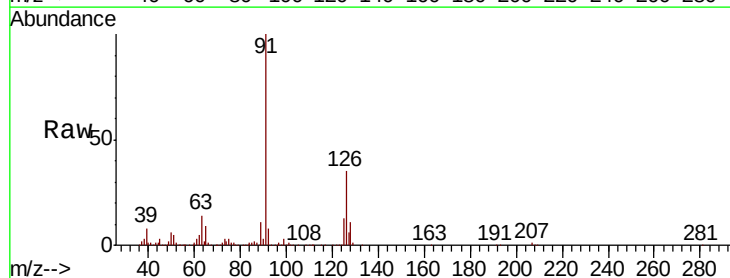
Acq: 01 Feb 2019 15:30

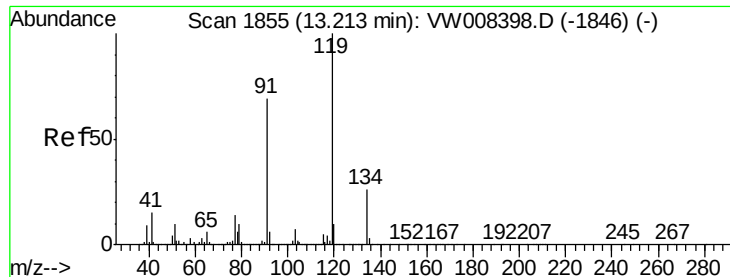
Tgt Ion: 91 Resp: 270770

Ion Ratio Lower Upper

91 100

126 34.5 16.4 49.2





#83

tert-Butylbenzene

Concen: 55.035 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

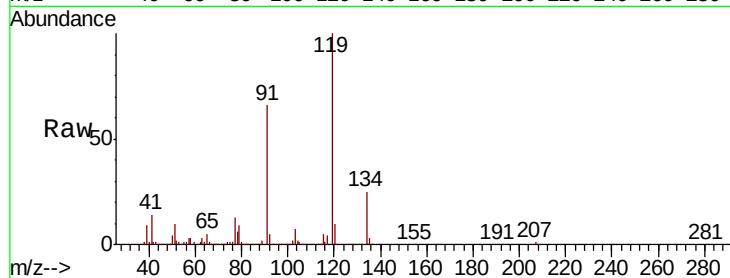
Tgt Ion:119 Resp: 270421

Ion Ratio Lower Upper

119 100

91 66.1 33.8 101.4

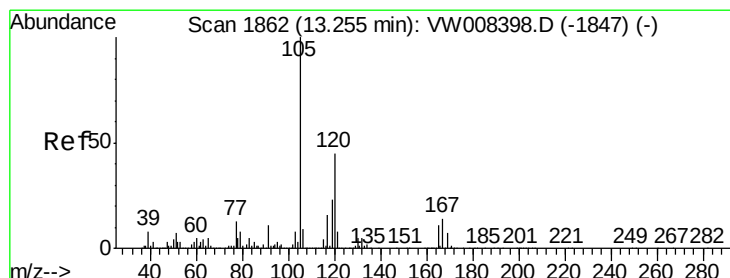
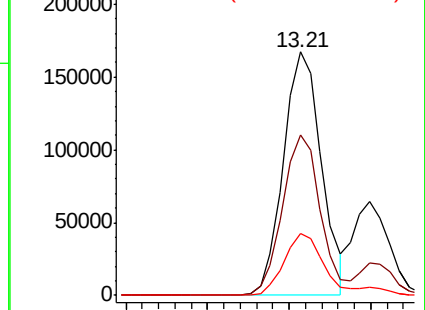
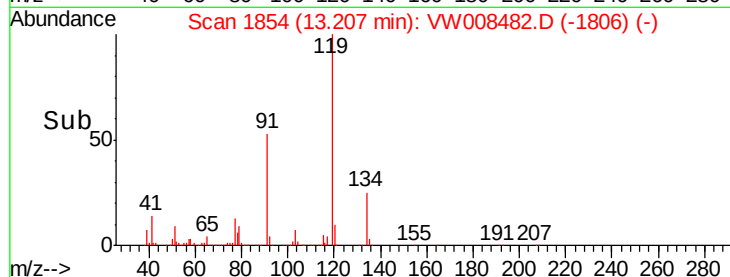
134 25.7 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 59.694 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008482.D

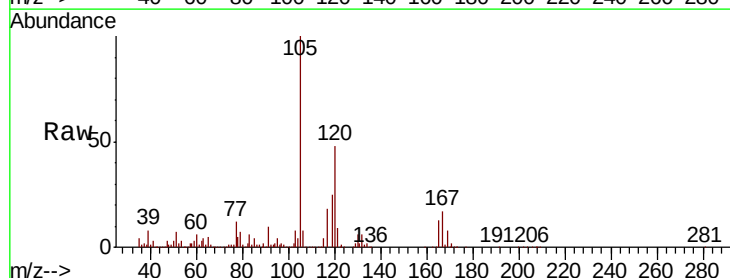
Acq: 01 Feb 2019 15:30

Tgt Ion:105 Resp: 335024

Ion Ratio Lower Upper

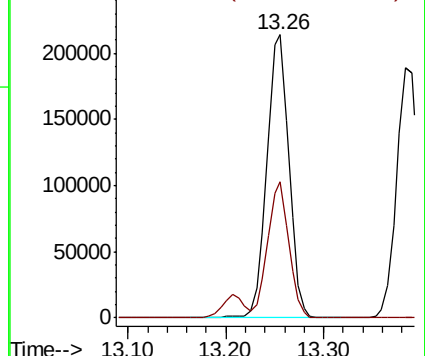
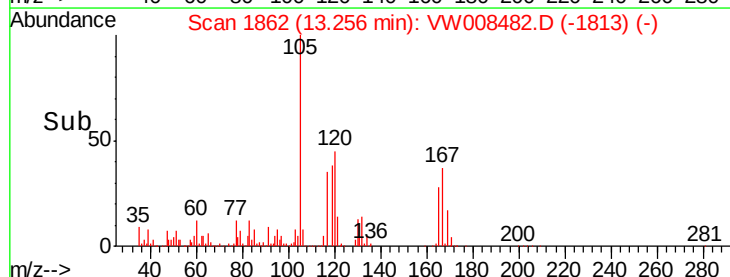
105 100

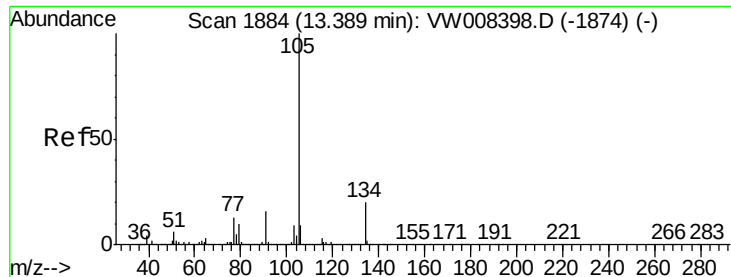
120 46.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 42.632 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

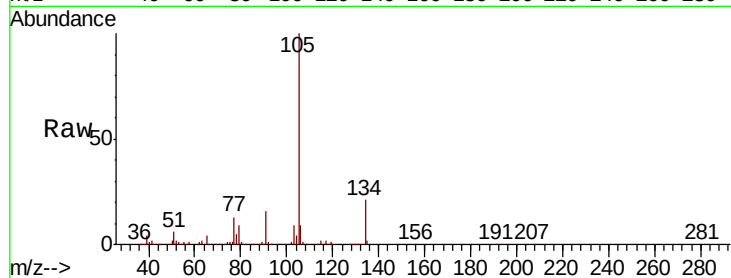
A0C17-SS1MS

Tgt Ion:105 Resp: 299162

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

200000

150000

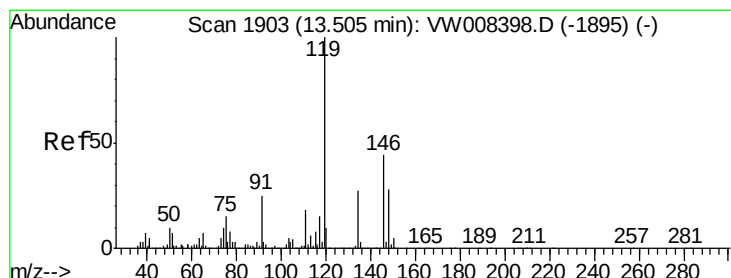
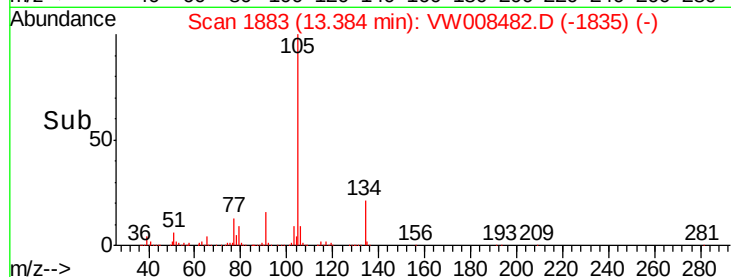
100000

50000

0

Time-->

13.30 13.40



#86

p-Isopropyltoluene

Concen: 44.780 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

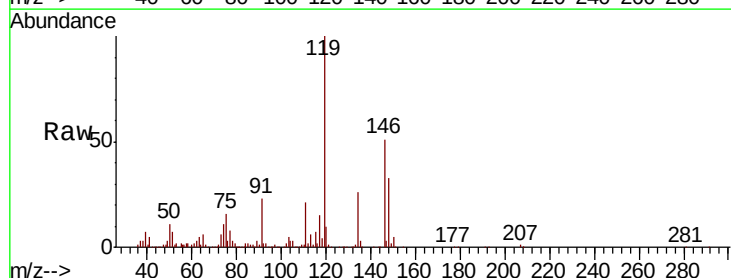
Tgt Ion:119 Resp: 275253

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 23.5 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

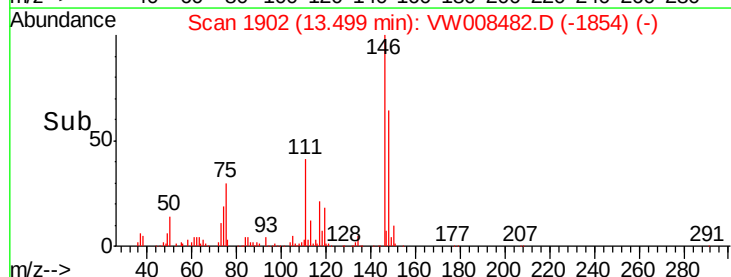
100000

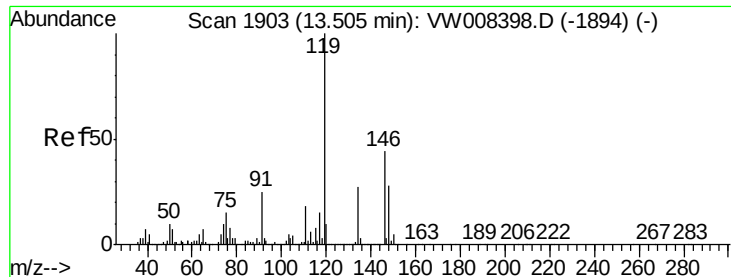
50000

0

Time-->

13.45 13.50 13.55

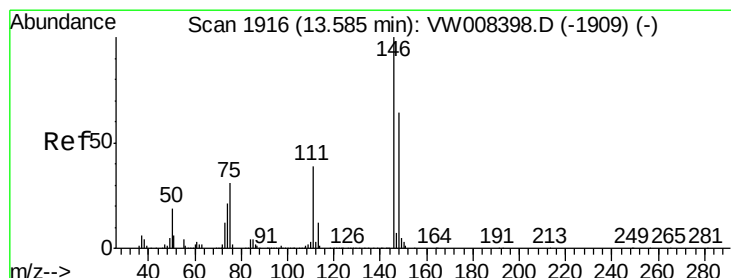
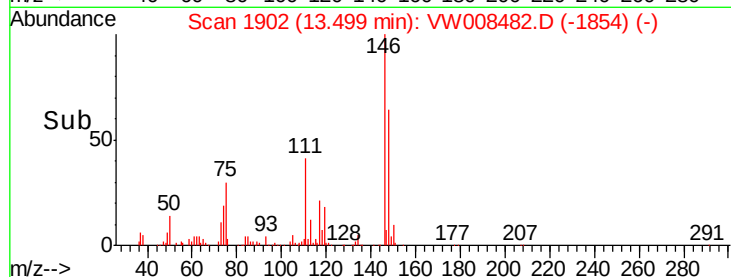
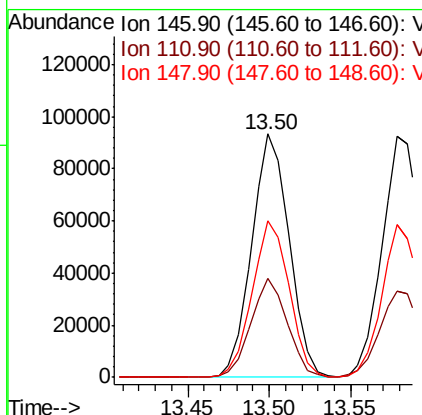
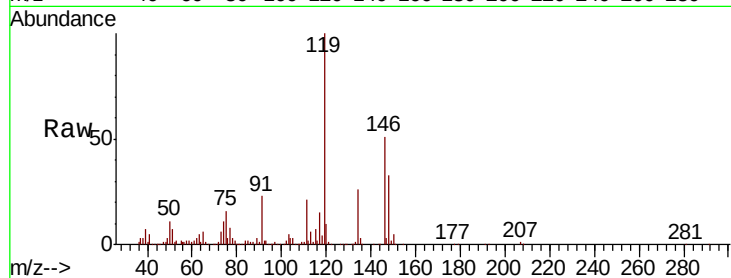




#87
 1,3-Dichlorobenzene
 Concen: 51.168 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

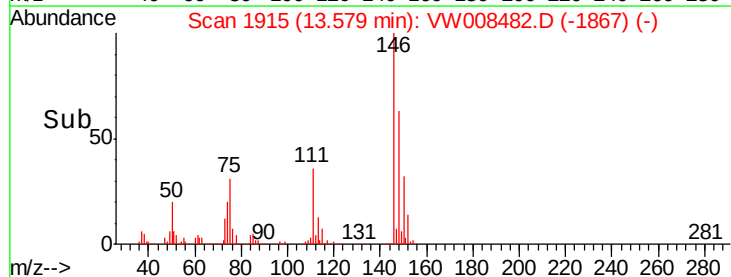
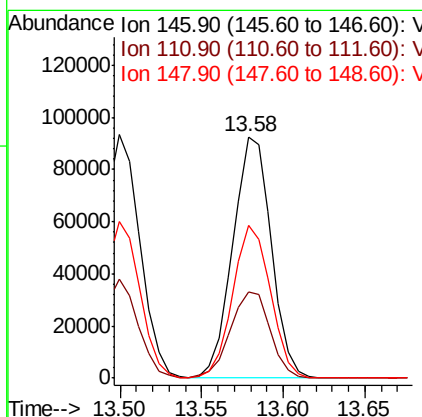
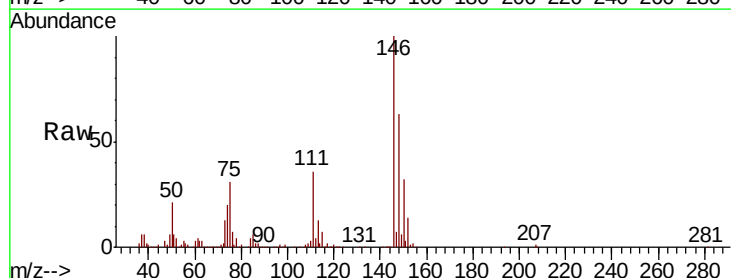
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

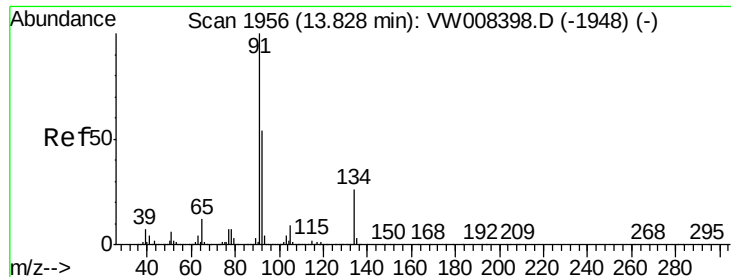
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.9
148	63.7	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.515 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	20.0	60.0
148	62.3	32.0	96.2





#89

n-Butylbenzene

Concen: 30.304 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

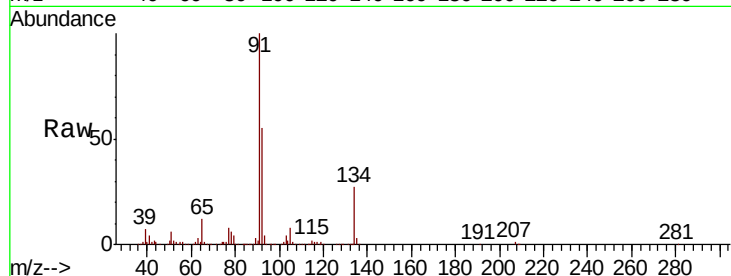
Tgt Ion: 91 Resp: 182897

Ion Ratio Lower Upper

91 100

92 54.5 27.4 82.2

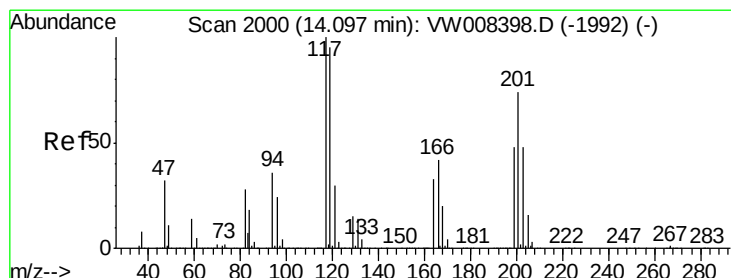
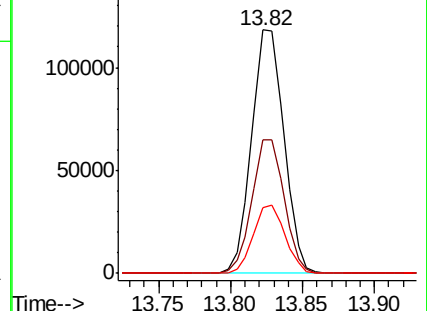
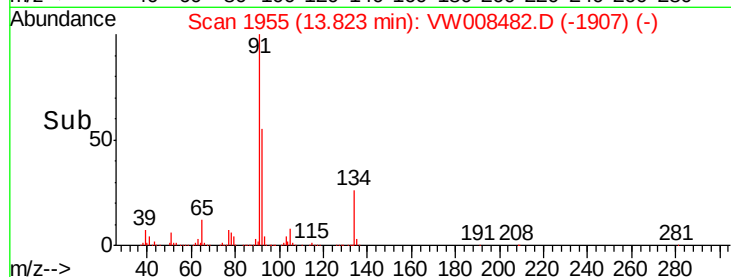
134 27.5 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 42.596 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008482.D

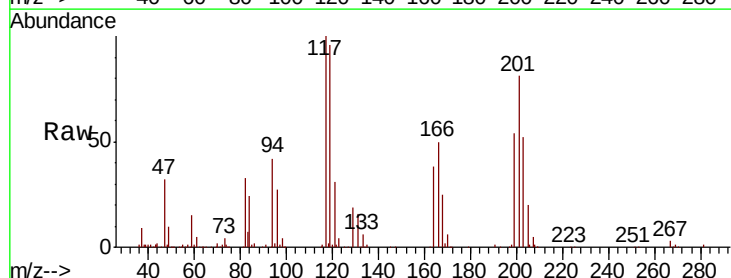
Acq: 01 Feb 2019 15:30

Tgt Ion: 117 Resp: 51204

Ion Ratio Lower Upper

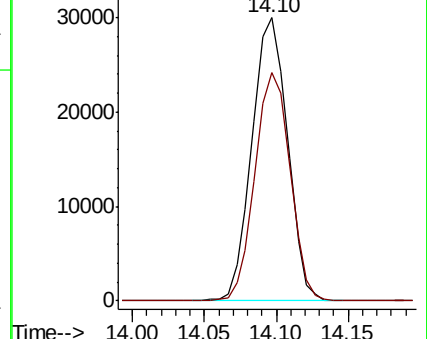
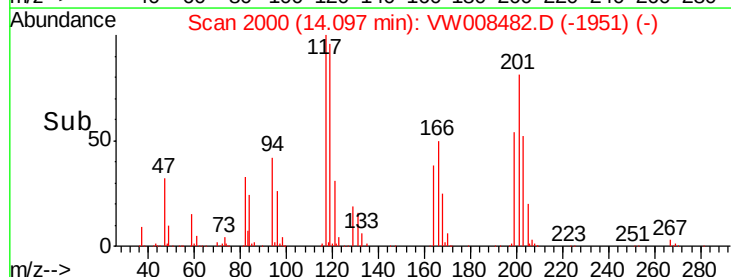
117 100

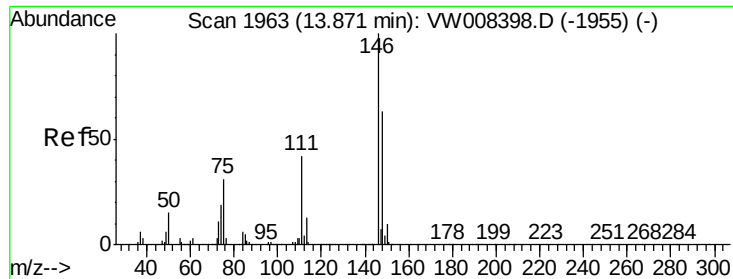
201 79.7 39.1 117.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 56.429 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MS

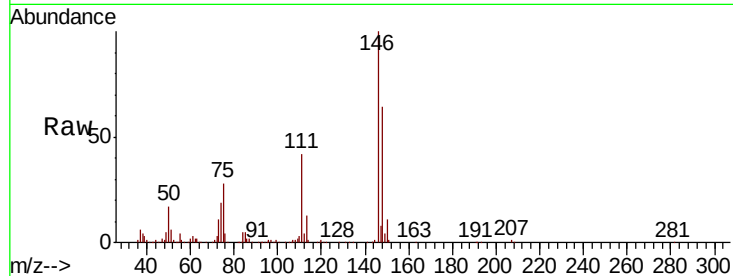
Tgt Ion:146 Resp: 145481

Ion Ratio Lower Upper

146 100

111 39.9 21.1 63.3

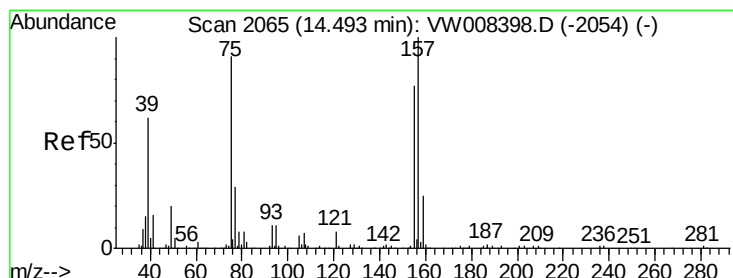
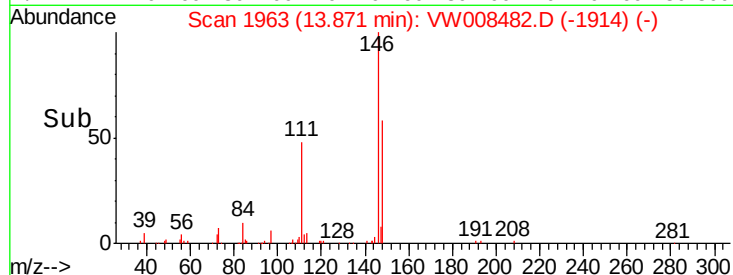
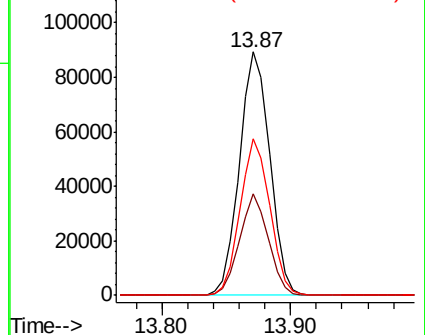
148 62.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 130.639 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008482.D

Acq: 01 Feb 2019 15:30

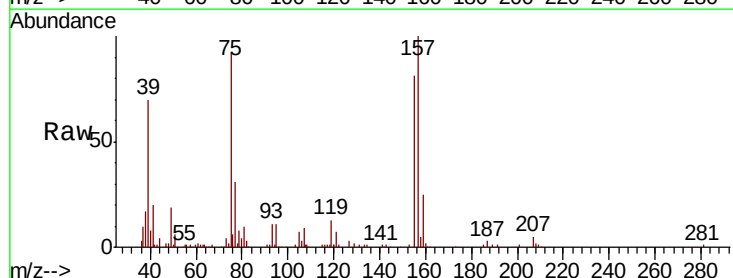
Tgt Ion: 75 Resp: 25925

Ion Ratio Lower Upper

75 100

155 90.6 42.7 128.1

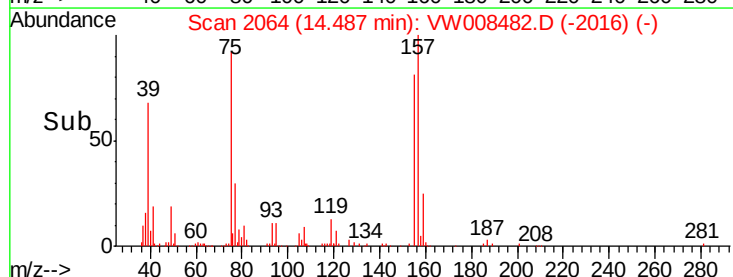
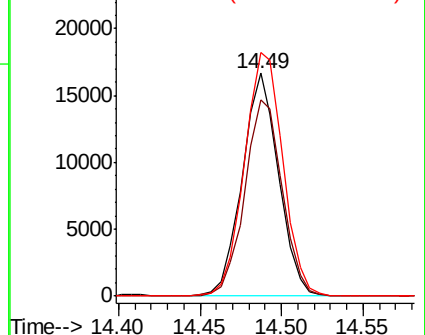
157 115.7 55.5 166.3

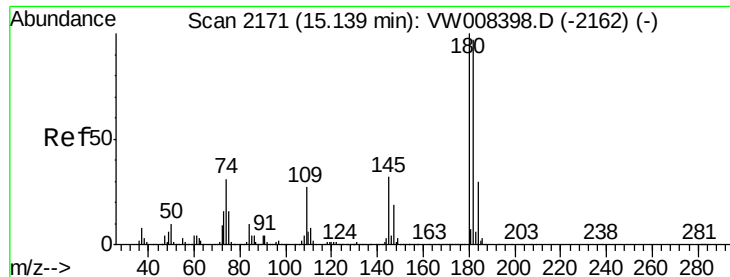


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

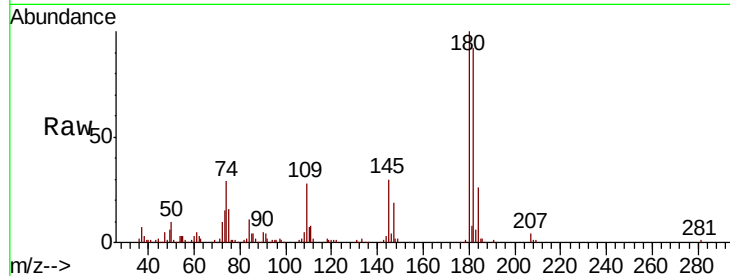




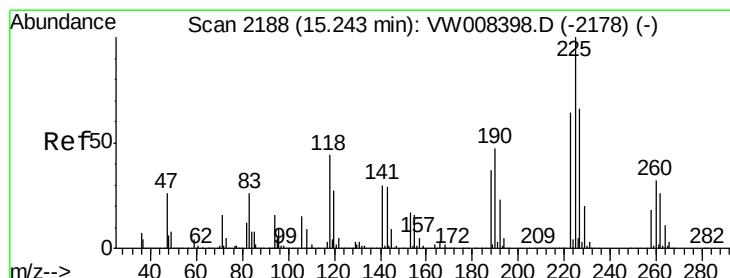
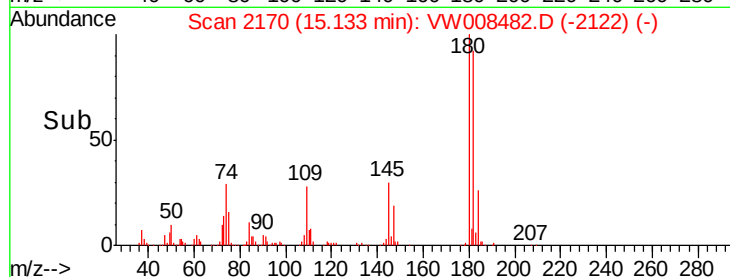
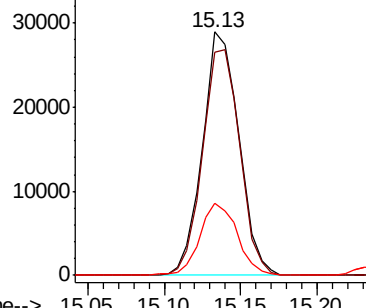
#93
 1,2,4-Trichlorobenzene
 Concen: 26.073 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MS

Tgt Ion:180 Resp: 47969
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.7
 145 30.5 15.5 46.5

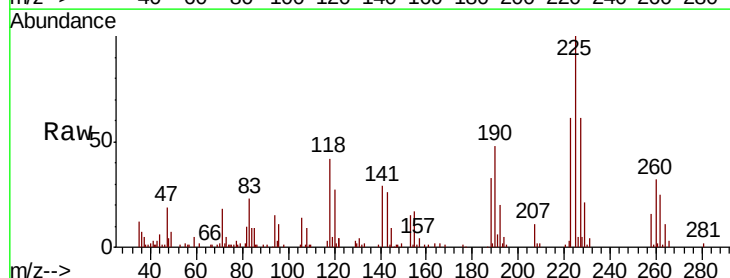


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

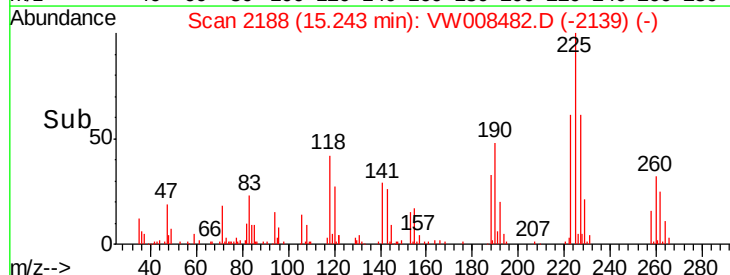
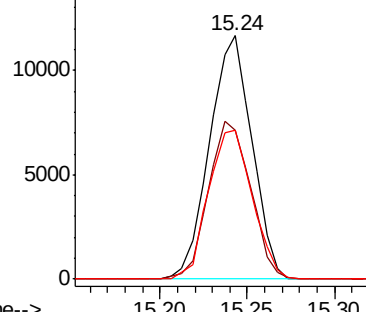


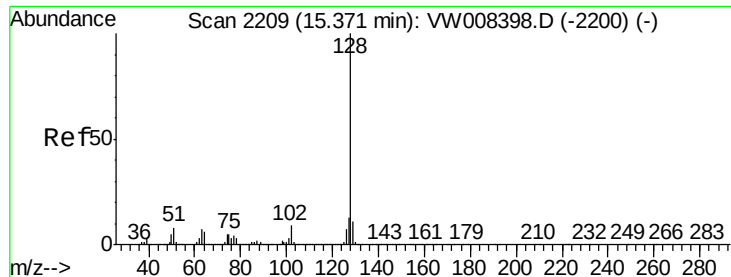
#94
 Hexachlorobutadiene
 Concen: 17.702 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008482.D
 Acq: 01 Feb 2019 15:30

Tgt Ion:225 Resp: 19627
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.7 95.1
 227 63.4 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

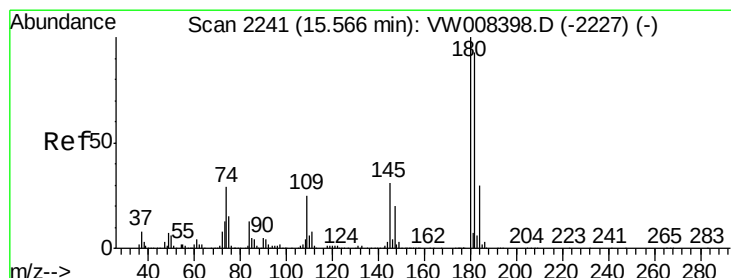
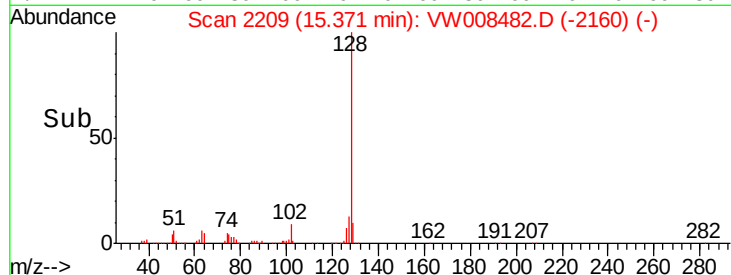
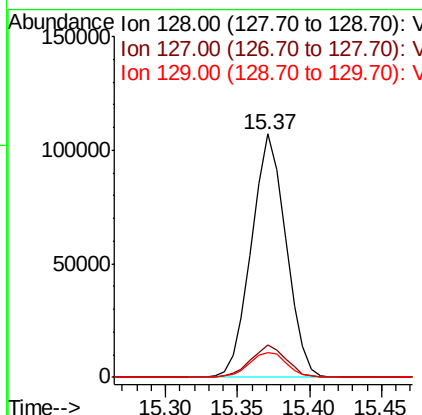
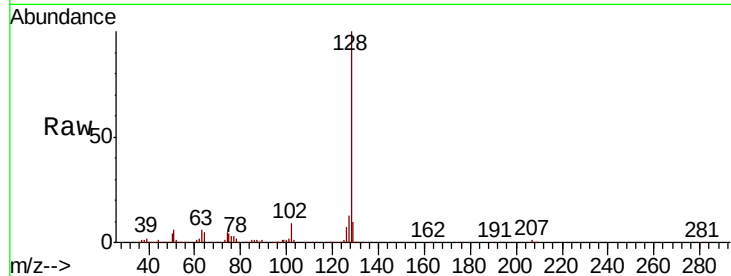




#95
Naphthalene
Concen: 55.279 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Instrument :
MSVOA_W
ClientSampled :
A0C17-SS1MS

Tgt Ion:128 Resp: 178574
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 26.543 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008482.D
Acq: 01 Feb 2019 15:30

Tgt Ion:180 Resp: 41424
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.2
145 33.9 15.9 47.6

