

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
 Data File : VW005283.D
 Acq On : 11 Sep 2018 18:26
 Operator : SY/AP
 Sample : J4821-03MSD
 Misc : 12.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Quant Time: Sep 12 01:07:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	415466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	620114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	605931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	317417	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	191184	61.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.40%	
35) Dibromofluoromethane	7.89	113	178680	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
50) Toluene-d8	10.33	98	899721	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
62) 4-Bromofluorobenzene	12.63	95	337758	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	185276	51.696	ug/l	98
3) Chloromethane	2.21	50	283673	59.203	ug/l	100
4) Vinyl Chloride	2.35	62	271425	61.705	ug/l	98
5) Bromomethane	2.76	94	189274	72.266	ug/l	96
6) Chloroethane	2.91	64	161470	66.640	ug/l	100
7) Trichlorofluoromethane	3.26	101	284217	57.117	ug/l	97
8) Diethyl Ether	3.68	74	121266	68.381	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	196207	55.203	ug/l	98
10) Methyl Iodide	4.28	142	210145	47.729	ug/l	100
11) Tert butyl alcohol	5.17	59	107394	422.601	ug/l	99
12) 1,1-Dichloroethene	4.04	96	183475	56.063	ug/l	95
13) Acrolein	3.90	56	76197	310.404	ug/l	100
14) Allyl chloride	4.67	41	306019	60.856	ug/l	97
15) Acrylonitrile	5.37	53	340672	425.798	ug/l	99
16) Acetone	4.12	43	290219	504.565	ug/l	99
17) Carbon Disulfide	4.38	76	679782	59.176	ug/l	100
18) Methyl Acetate	4.68	43	152400	88.759	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	572670	73.468	ug/l	99
20) Methylene Chloride	4.92	84	289828	69.056	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	212543	55.623	ug/l	96
22) Diisopropyl ether	6.32	45	702176	69.360	ug/l	97
23) Vinyl Acetate	6.26	43	2004393	355.273	ug/l	100
24) 1,1-Dichloroethane	6.23	63	372499	59.774	ug/l	98
25) 2-Butanone	7.18	43	406445	447.985	ug/l	96
26) 2,2-Dichloropropane	7.18	77	300781	55.669	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	240131	58.719	ug/l	97
28) Bromochloromethane	7.52	49	139601	60.723	ug/l #	94
29) Tetrahydrofuran	7.54	42	268976	439.927	ug/l	99
30) Chloroform	7.68	83	386476	61.798	ug/l	99
31) Cyclohexane	7.96	56	395363	59.624	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	329910	58.393	ug/l	99
36) 1,1-Dichloropropene	8.09	75	324287	57.080	ug/l	100
37) Ethyl Acetate	7.26	43	174637	80.815	ug/l	100
38) Carbon Tetrachloride	8.07	117	286534	53.840	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	405368	53.740	ug/l	98
40) Benzene	8.33	78	1004689	60.026	ug/l	100
41) Methacrylonitrile	7.49	41	96010	86.600	ug/l	94
42) 1,2-Dichloroethane	8.41	62	247695	61.858	ug/l	99
43) Isopropyl Acetate	8.43	43	326088	81.261	ug/l	98
44) Trichloroethene	9.10	130	258089	56.207	ug/l	97
45) 1,2-Dichloropropane	9.37	63	248643	61.803	ug/l	97
46) Dibromomethane	9.46	93	121942	61.923	ug/l	97
47) Bromodichloromethane	9.65	83	283212	58.791	ug/l	98
48) Methyl methacrylate	9.44	41	162197	77.844	ug/l	94
49) 1,4-Dioxane	9.45	88	58558	1592.679	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	953784	422.358	ug/l	100
52) Toluene	10.40	92	714035	58.697	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	329748	63.338	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	375785	60.275	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	197201	62.805	ug/l	98
56) Ethyl methacrylate	10.65	69	305857	76.836	ug/l	100
57) 1,3-Dichloropropane	10.94	76	340978	65.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	607335	351.030	ug/l	98
59) 2-Hexanone	10.98	43	714843	439.090	ug/l	99
60) Dibromochloromethane	11.13	129	215033	61.719	ug/l	99
61) 1,2-Dibromoethane	11.24	107	192108	66.718	ug/l	99
64) Tetrachloroethene	10.87	164	305058	67.859	ug/l	98
65) Chlorobenzene	11.66	112	768198	57.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	229410	57.884	ug/l	99
67) Ethyl Benzene	11.74	91	1331557	57.603	ug/l	100
68) m/p-Xylenes	11.85	106	1058521	113.634	ug/l	99
69) o-Xylene	12.17	106	507571	58.566	ug/l	99
70) Styrene	12.19	104	841435	59.501	ug/l	99
71) Bromoform	12.35	173	143077	66.582	ug/l #	98
73) Isopropylbenzene	12.47	105	1330780	59.338	ug/l	100
74) N-amyl acetate	12.28	43	389882	91.371	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	257065	76.269	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	341917	140.049	ug/l #	100
77) Bromobenzene	12.76	156	325066	61.524	ug/l	94
78) n-propylbenzene	12.81	91	1619640	60.131	ug/l	98
79) 2-Chlorotoluene	12.90	91	929355	60.167	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1228726	64.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	79148	76.030	ug/l	95
82) 4-Chlorotoluene	12.99	91	952147	58.646	ug/l	99
83) tert-Butylbenzene	13.21	119	940530	56.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1584396	82.561	ug/l	99
85) sec-Butylbenzene	13.39	105	1346137	56.080	ug/l	99
86) p-Isopropyltoluene	13.51	119	1201109	56.524	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	631643	56.934	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	628878	57.713	ug/l	98
89) n-Butylbenzene	13.83	91	1125788	56.358	ug/l	97
90) Hexachloroethane	14.10	117	187261	55.005	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	589528	60.455	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46434	82.845	ug/l	98

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Quant Title : SW846 8260
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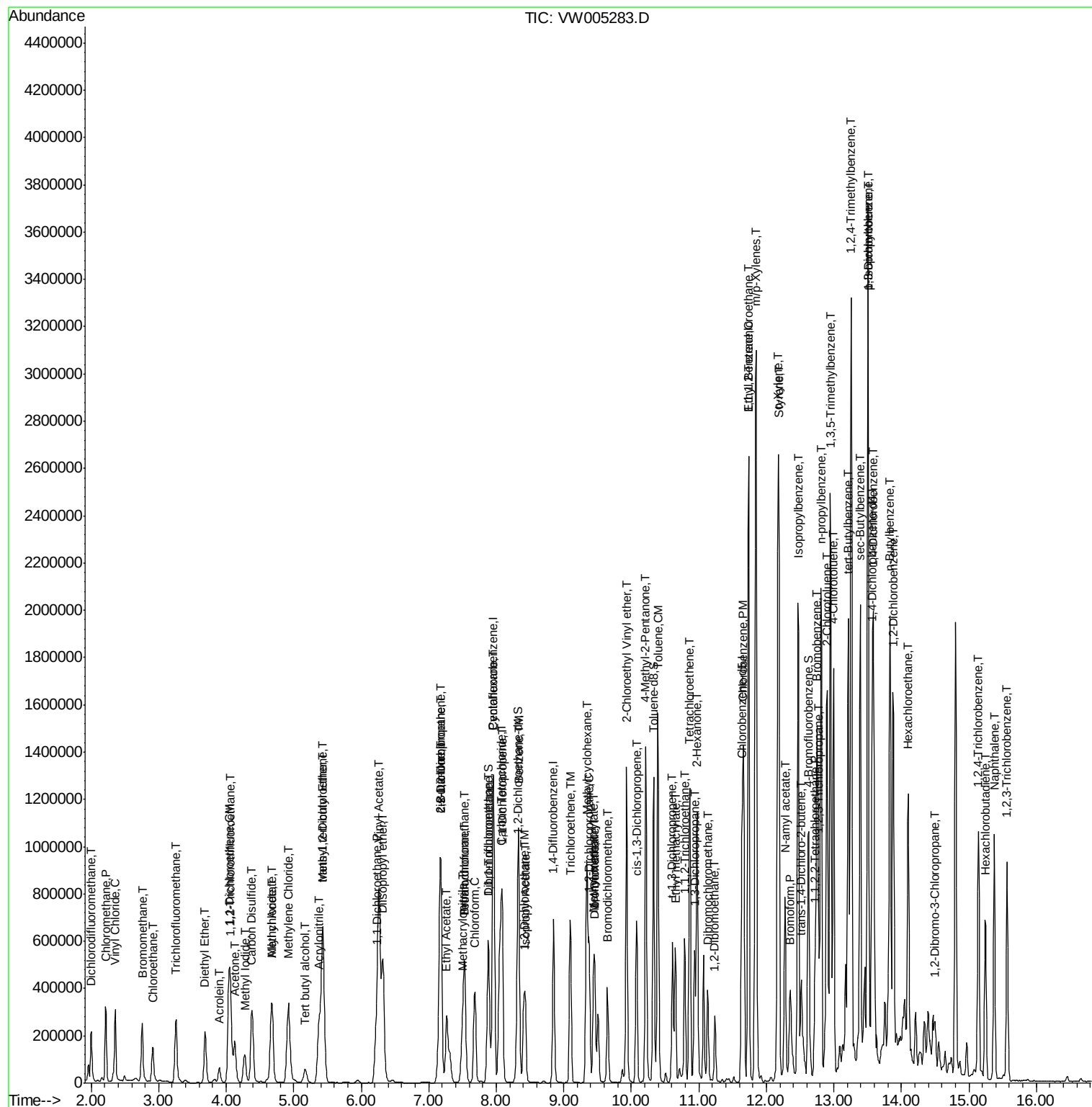
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	370846	53.763	ug/l	99
94) Hexachlorobutadiene	15.25	225	146033	33.061	ug/l	100
95) Naphthalene	15.38	128	916158	81.919	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	334771	56.403	ug/l	99

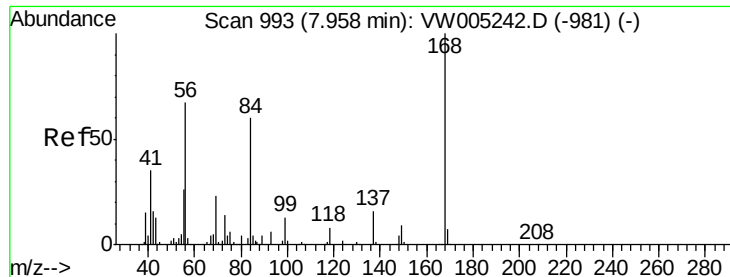
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

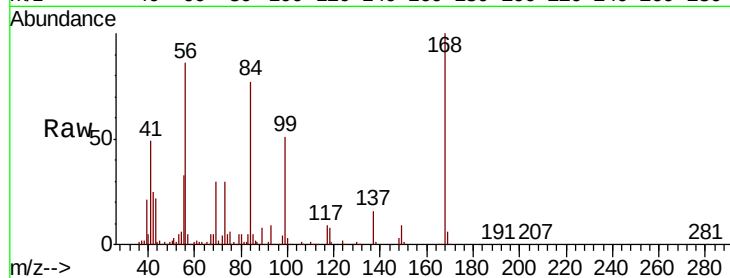
ENY-SB-02-61.0-61.5MSD

Tgt Ion:168 Resp: 415466

Ion Ratio Lower Upper

168 100

99 51.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

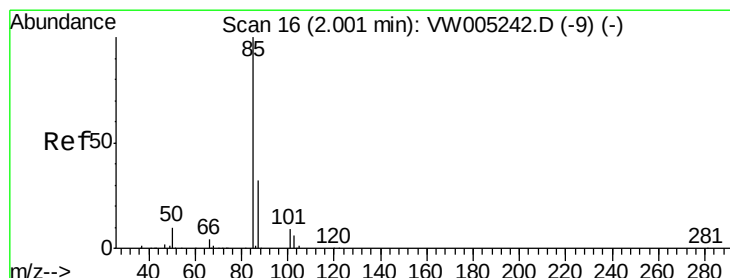
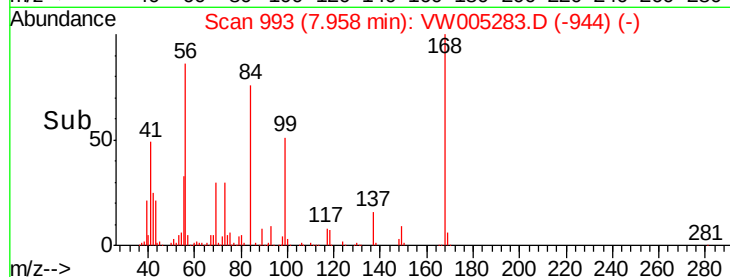
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.696 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005283.D

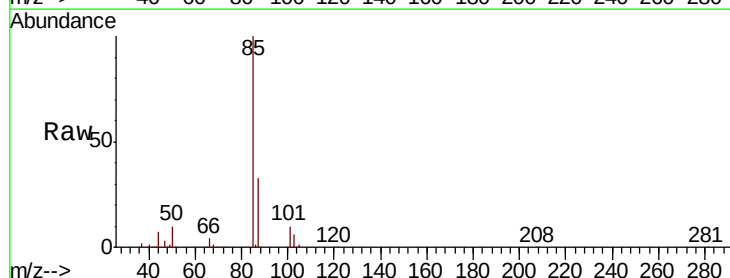
Acq: 11 Sep 2018 18:26

Tgt Ion: 85 Resp: 185276

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

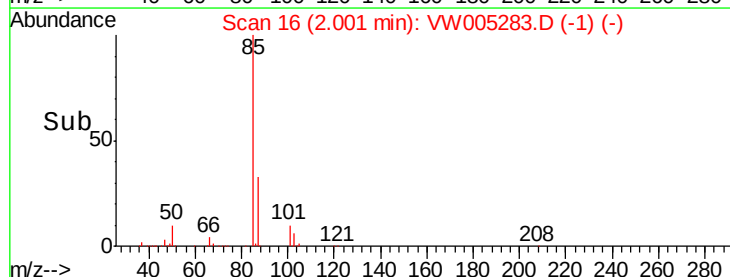
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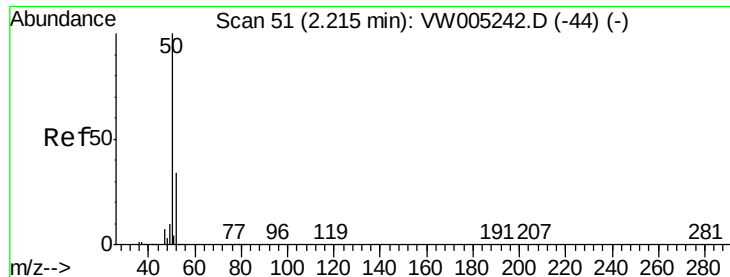
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 59.203 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

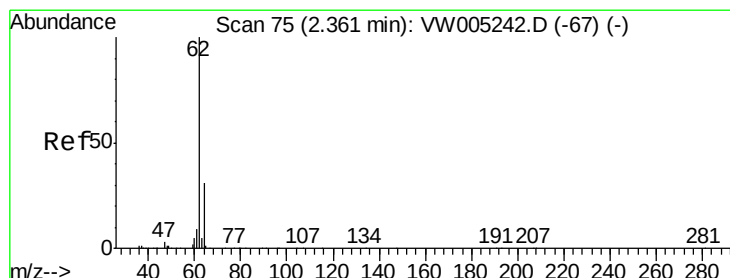
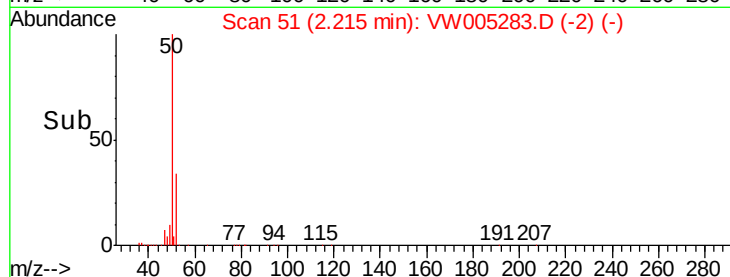
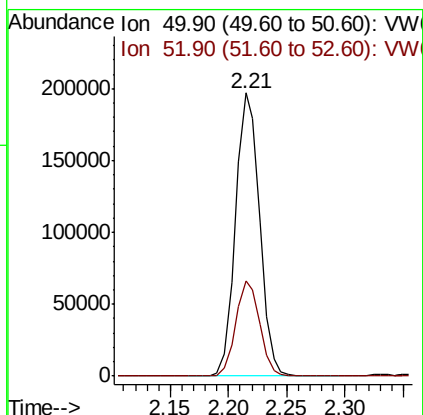
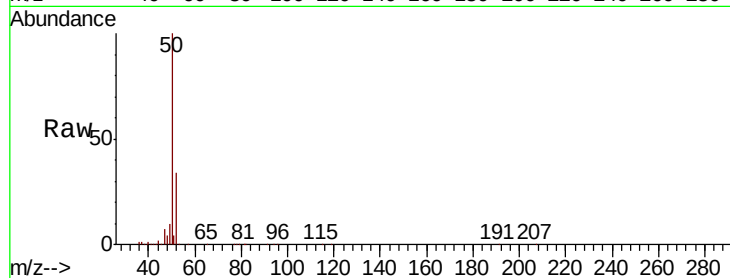
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 50 Resp: 283673

Ion Ratio Lower Upper

50 100

52 33.6 27.0 40.4



#4

Vinyl Chloride

Concen: 61.705 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005283.D

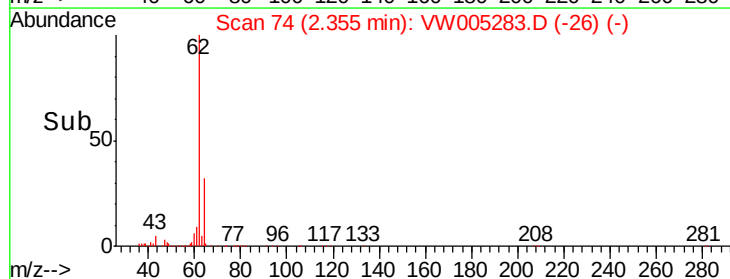
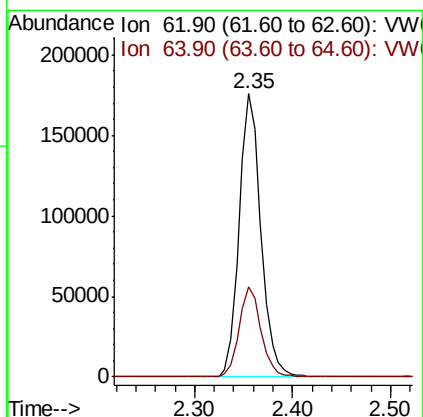
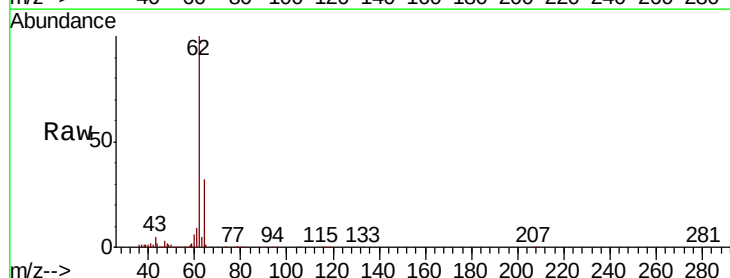
Acq: 11 Sep 2018 18:26

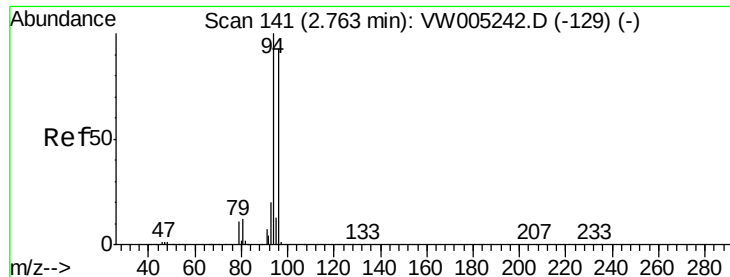
Tgt Ion: 62 Resp: 271425

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0





#5

Bromomethane

Concen: 72.266 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

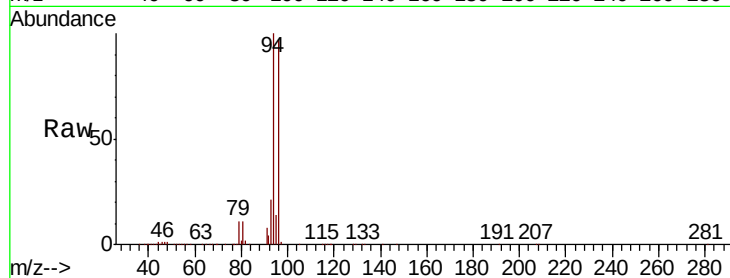
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 94 Resp: 189274

Ion Ratio Lower Upper

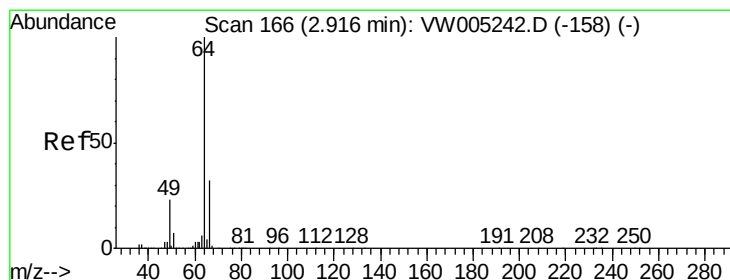
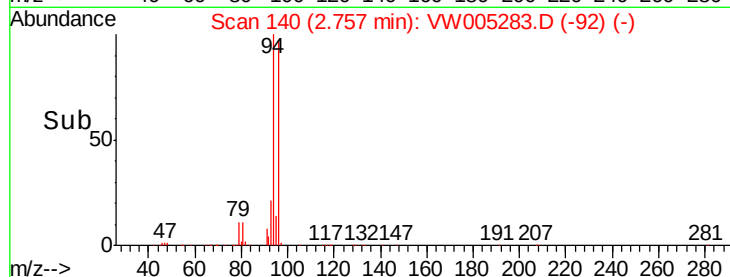
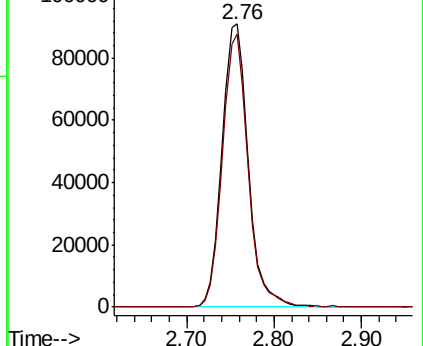
94 100

96 96.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 66.640 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005283.D

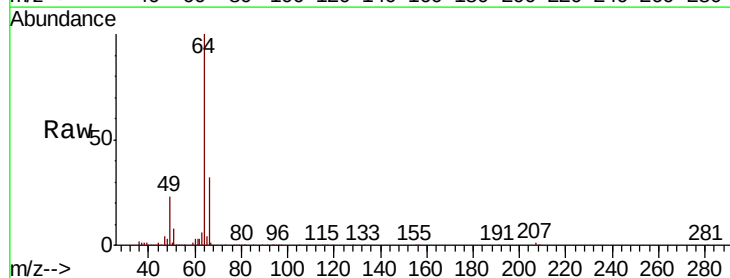
Acq: 11 Sep 2018 18:26

Tgt Ion: 64 Resp: 161470

Ion Ratio Lower Upper

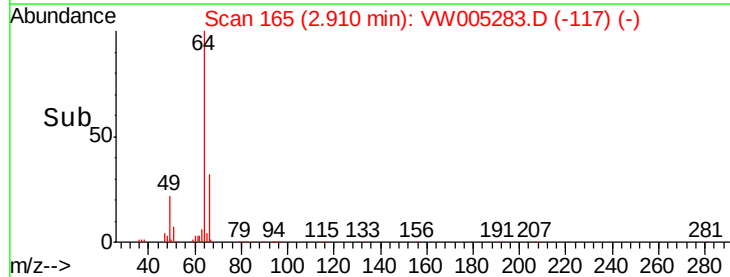
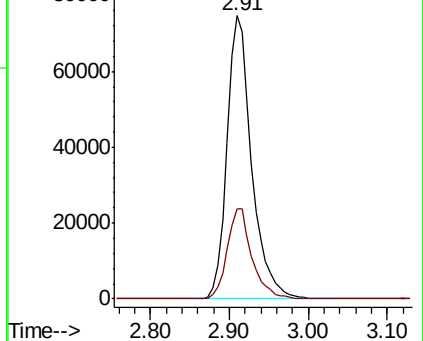
64 100

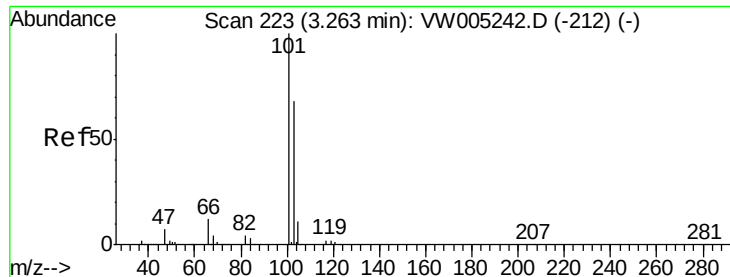
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



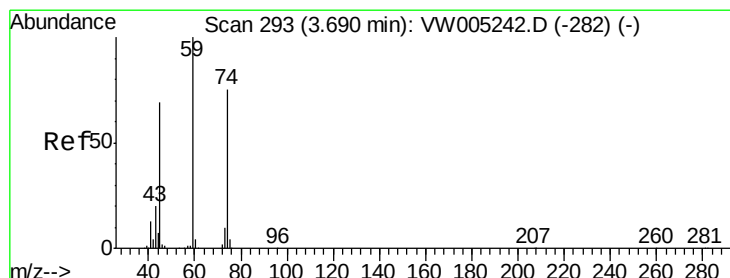
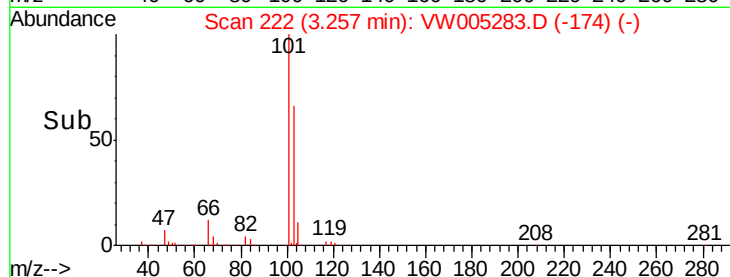
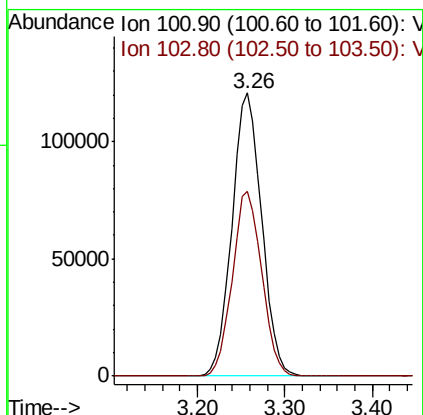
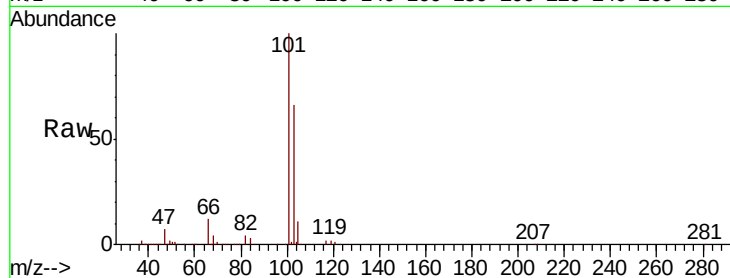


#7

Trichlorofluoromethane
 Concen: 57.117 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
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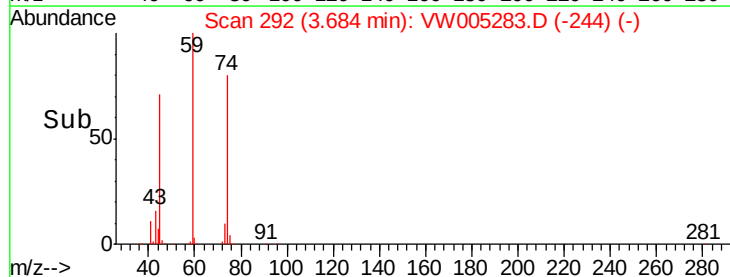
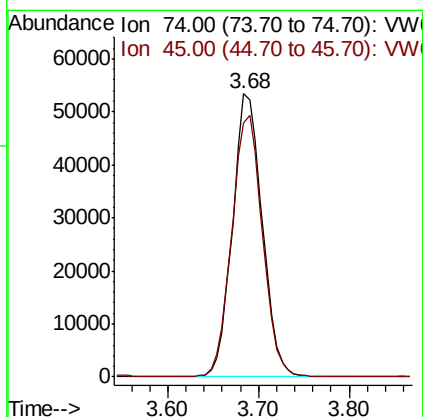
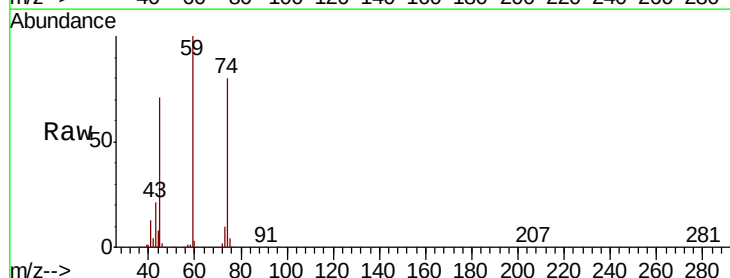
Tgt Ion: 101 Resp: 284217
 Ion Ratio Lower Upper
 101 100
 103 65.5 54.1 81.1

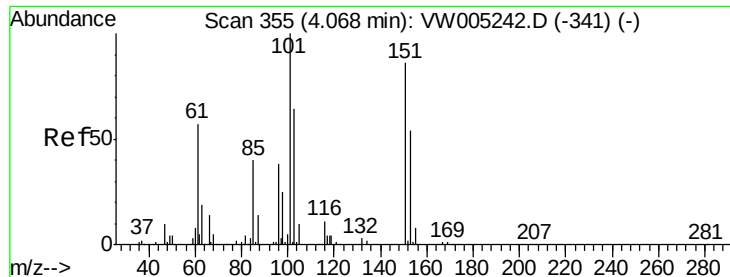


#8

Diethyl Ether
 Concen: 68.381 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 74 Resp: 121266
 Ion Ratio Lower Upper
 74 100
 45 95.8 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.203 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005283.D

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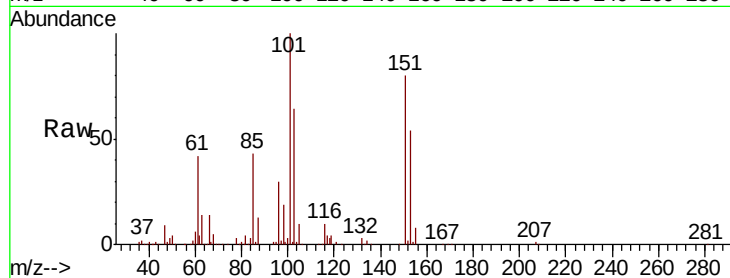
Tgt Ion:101 Resp: 196207

Ion Ratio Lower Upper

101 100

85 42.6 32.7 49.1

151 83.2 67.6 101.4

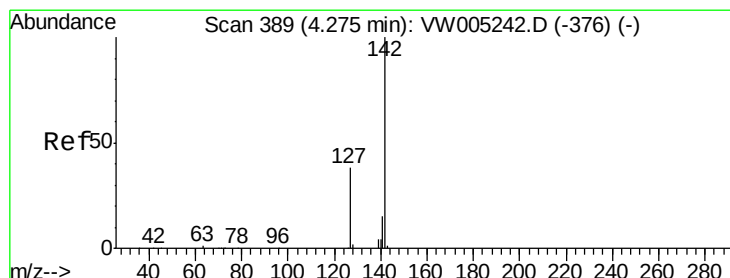
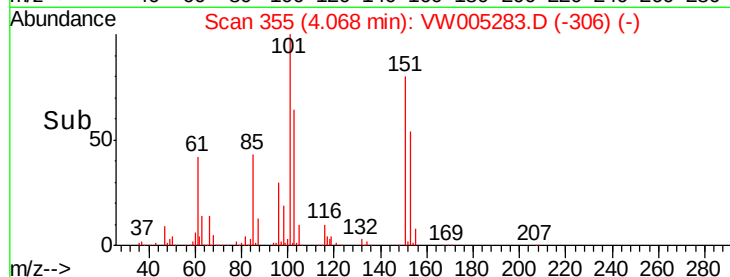
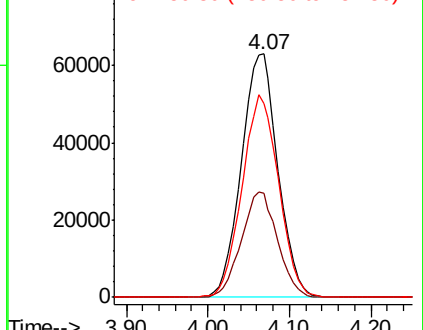


Abundance

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: 47.729 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

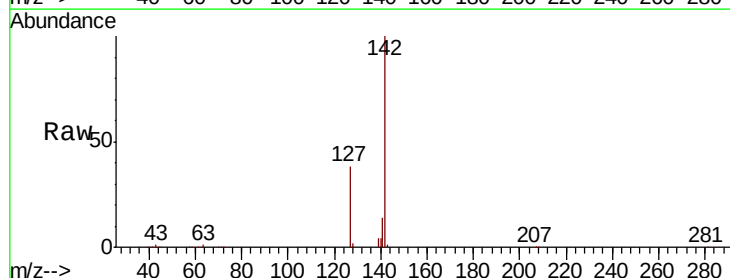
Tgt Ion:142 Resp: 210145

Ion Ratio Lower Upper

142 100

127 38.0 30.3 45.5

141 14.2 11.4 17.0

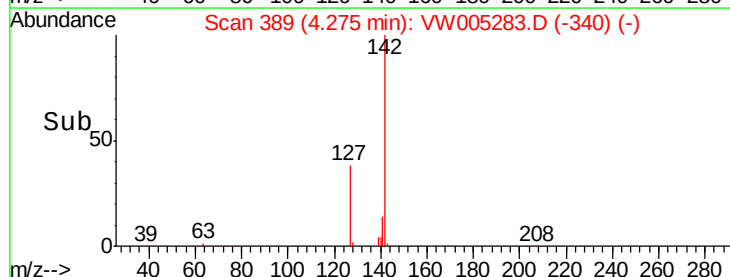
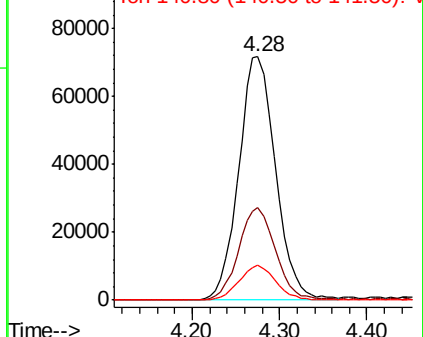


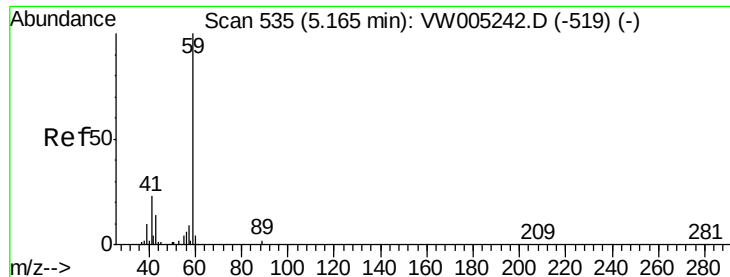
Abundance

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

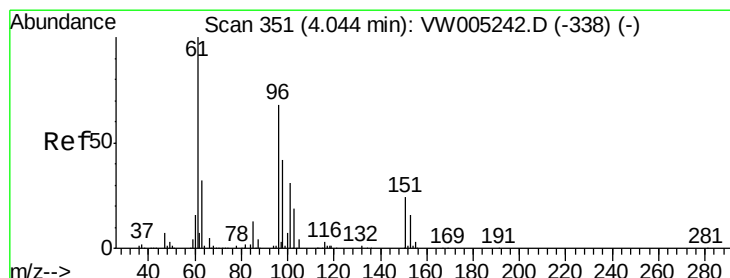
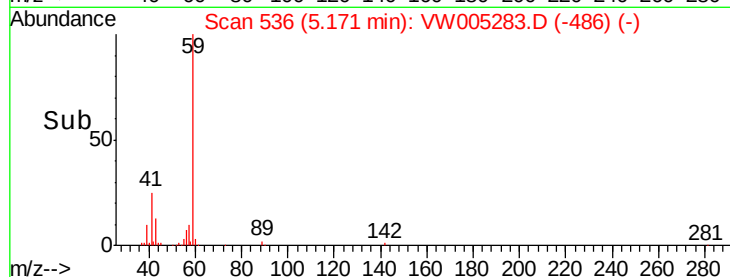
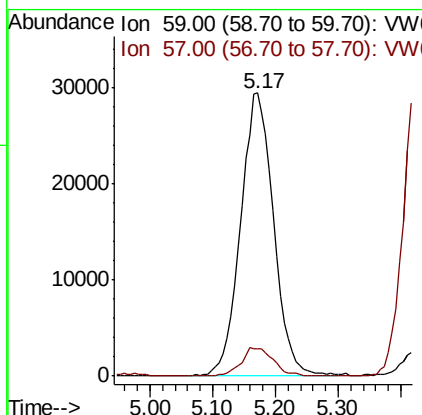
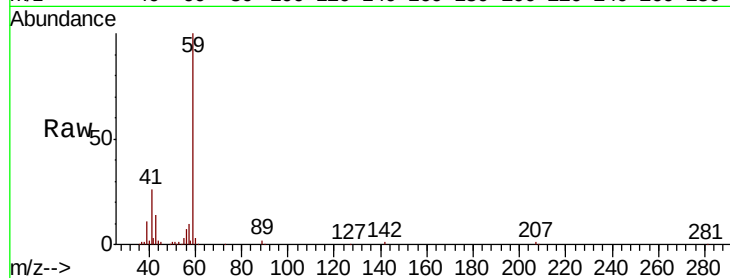




#11
Tert butyl alcohol
Concen: 422.601 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

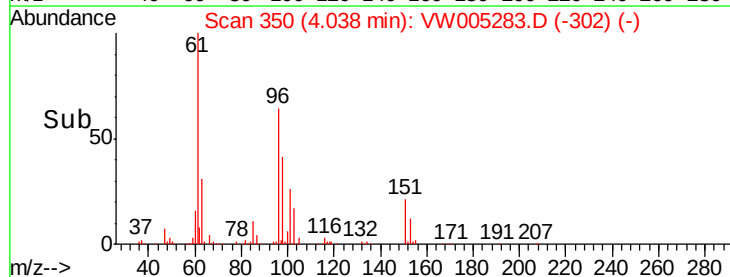
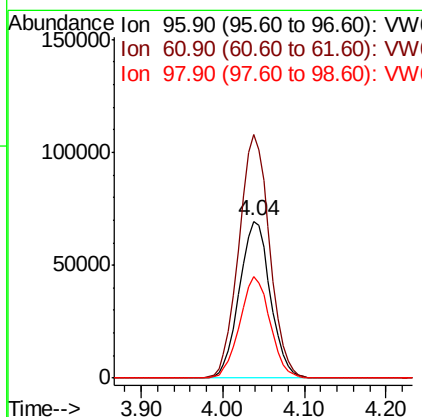
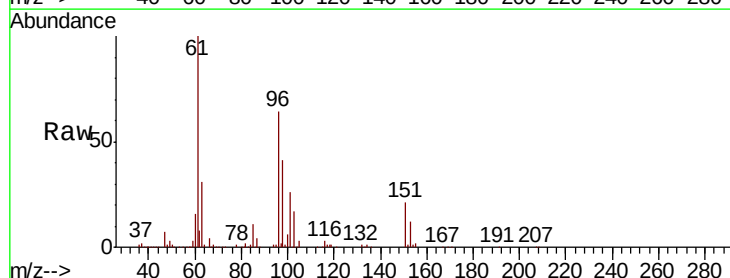
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

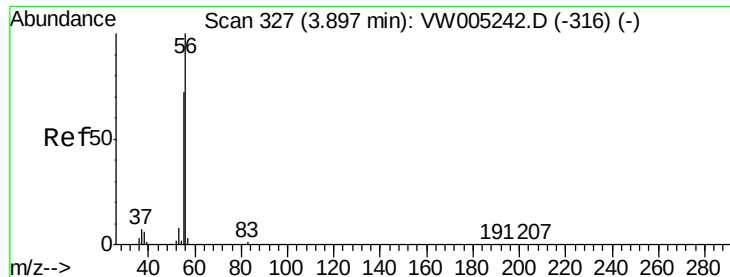
Tgt Ion: 59 Resp: 107394
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 56.063 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion: 96 Resp: 183475
Ion Ratio Lower Upper
96 100
61 155.5 118.2 177.2
98 64.4 49.9 74.9





#13

Acrolein

Concen: 310.404 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

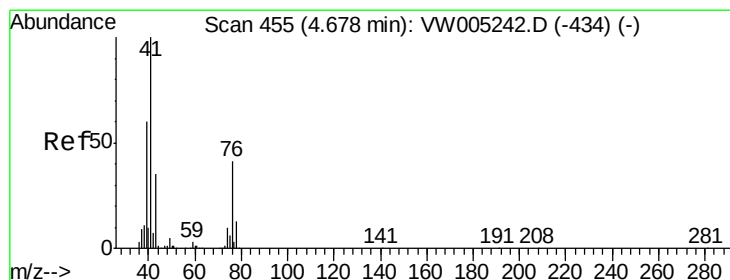
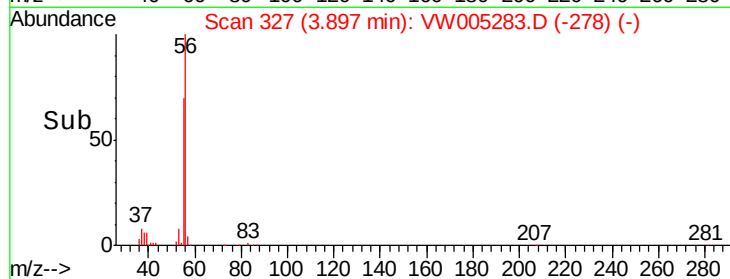
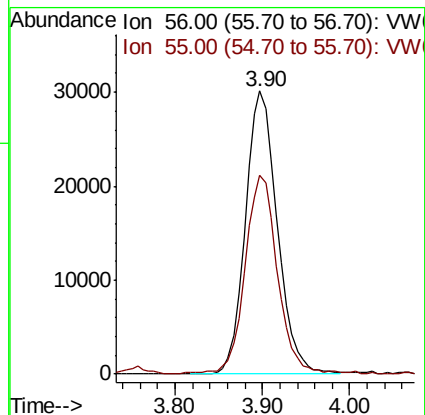
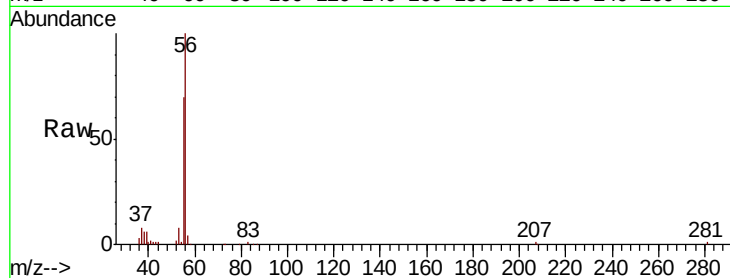
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 56 Resp: 76197

Ion Ratio Lower Upper

56 100

55 70.6 56.8 85.2



#14

Allyl chloride

Concen: 60.856 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

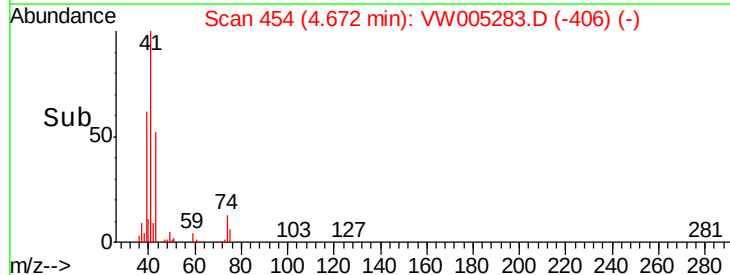
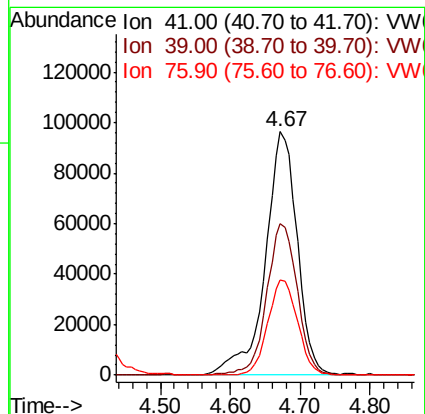
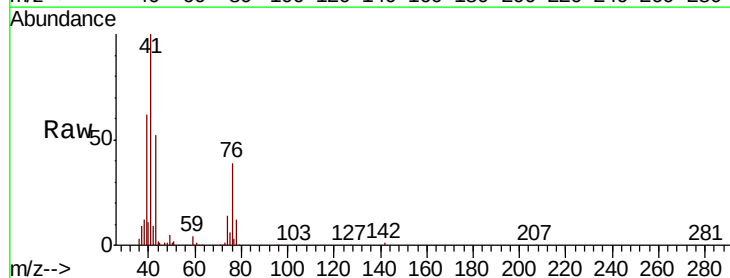
Tgt Ion: 41 Resp: 306019

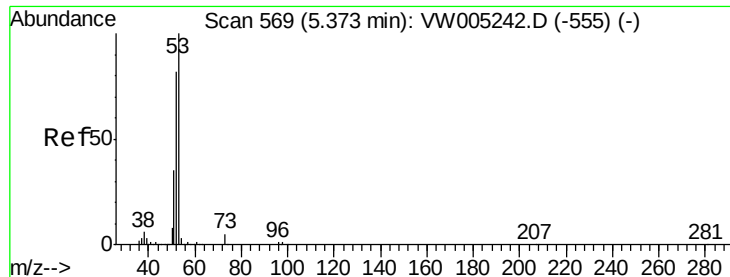
Ion Ratio Lower Upper

41 100

39 59.2 48.2 72.4

76 36.6 31.7 47.5





#15

Acrylonitrile

Concen: 425.798 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

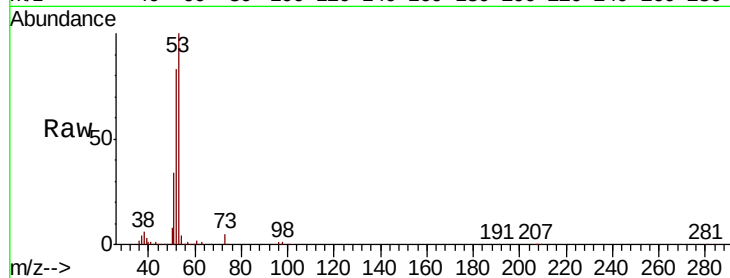
Tgt Ion: 53 Resp: 340672

Ion Ratio Lower Upper

53 100

52 81.7 66.0 99.0

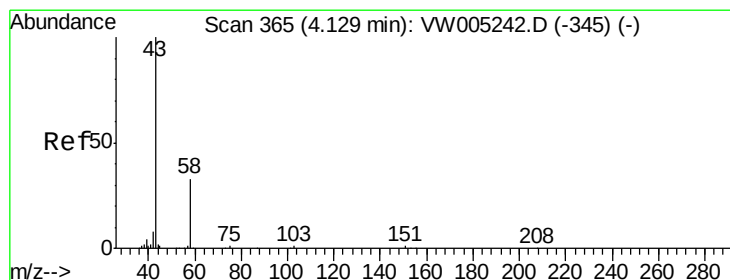
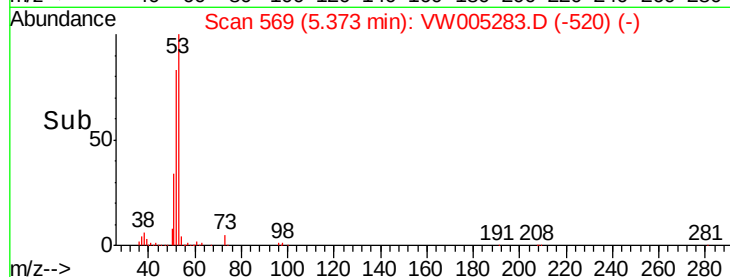
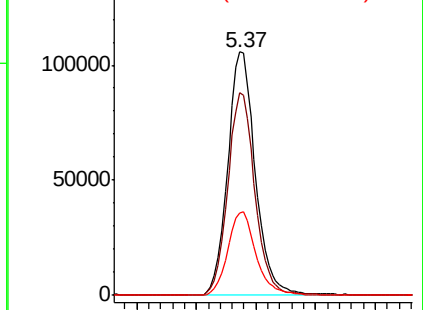
51 35.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 504.565 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005283.D

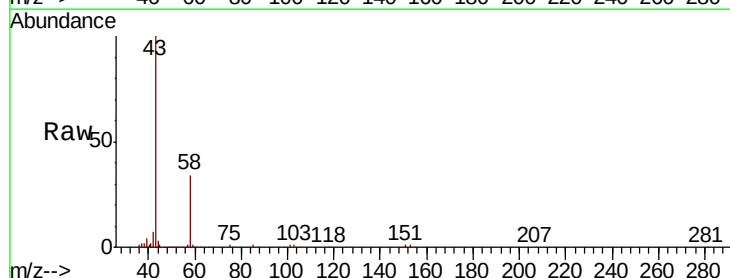
Acq: 11 Sep 2018 18:26

Tgt Ion: 43 Resp: 290219

Ion Ratio Lower Upper

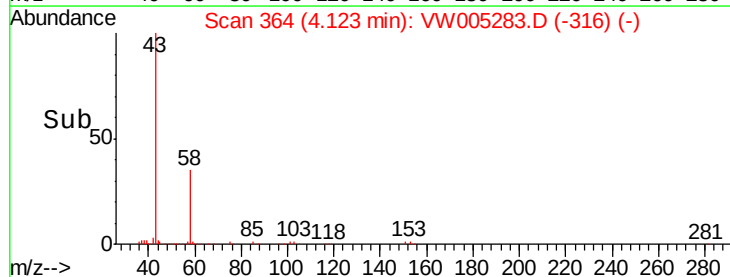
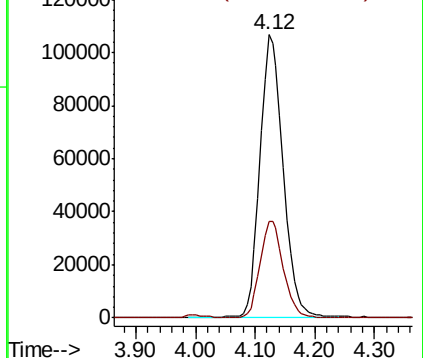
43 100

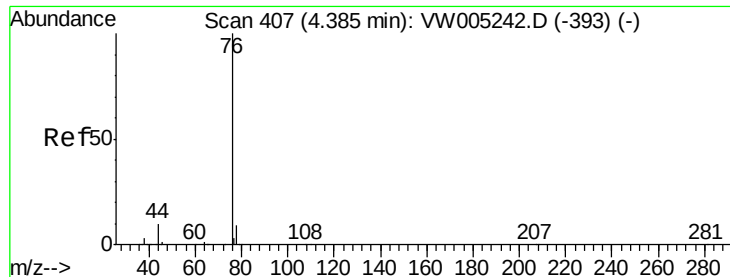
58 34.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 59.176 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

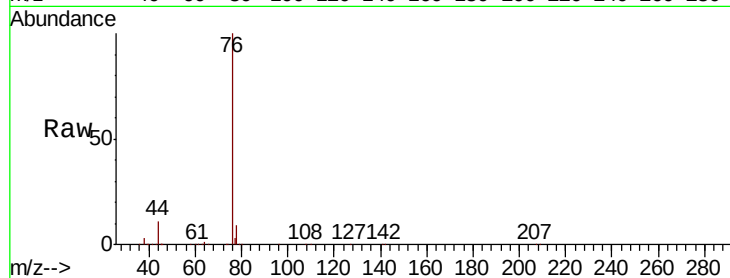
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 76 Resp: 679782

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

250000

200000

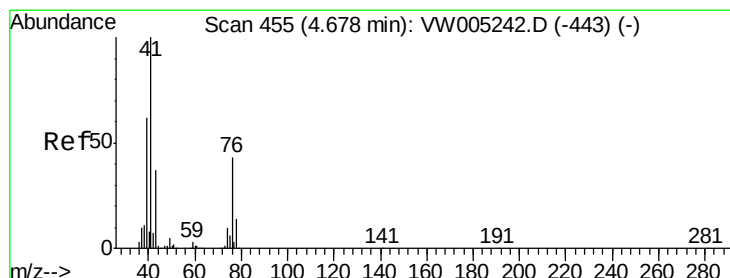
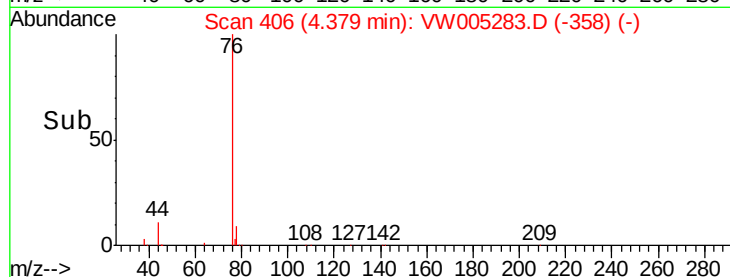
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 88.759 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005283.D

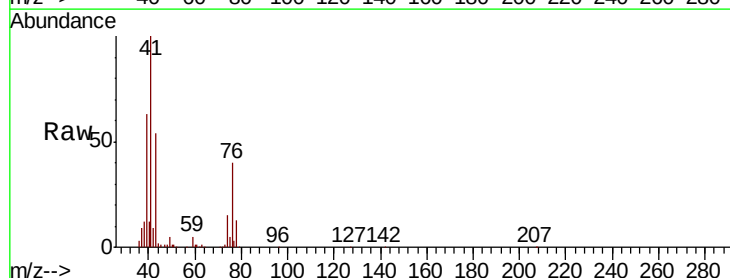
Acq: 11 Sep 2018 18:26

Tgt Ion: 43 Resp: 152400

Ion Ratio Lower Upper

43 100

74 25.8 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

60000

50000

40000

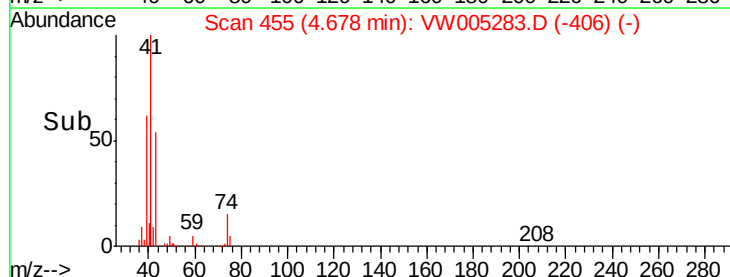
30000

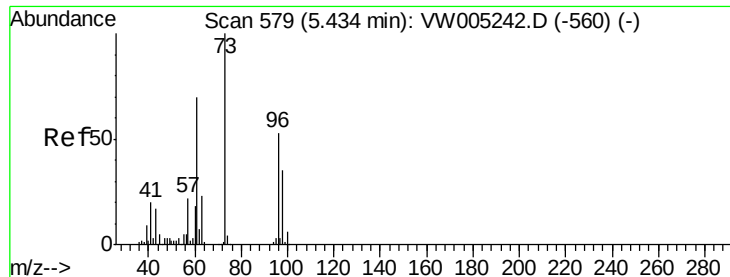
20000

10000

0

Time-->

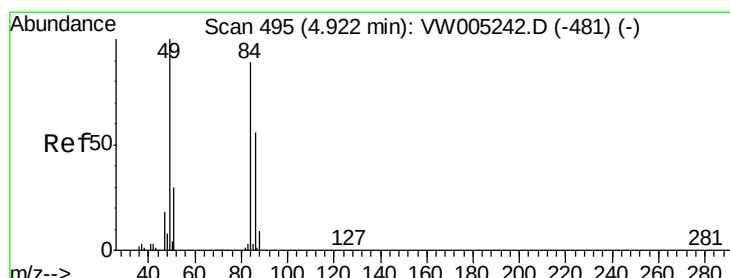
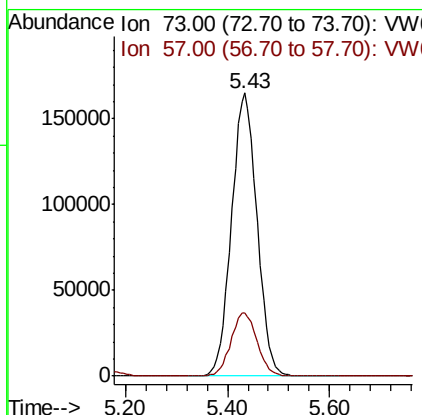
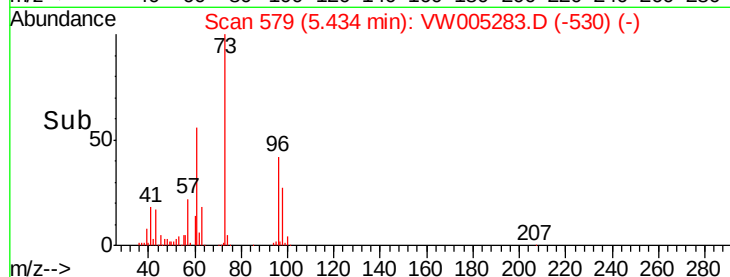
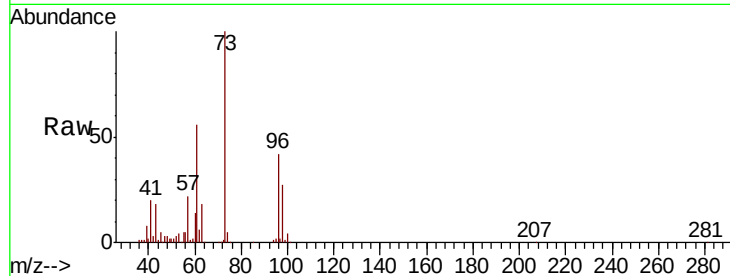




#19
Methyl tert-butyl Ether
Concen: 73.468 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

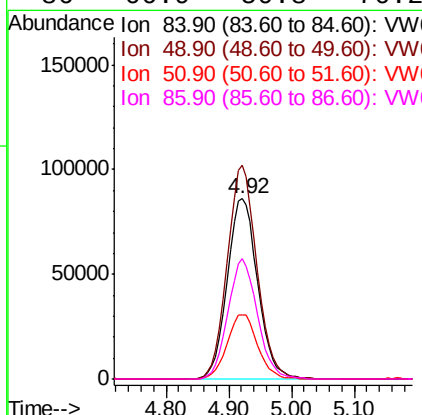
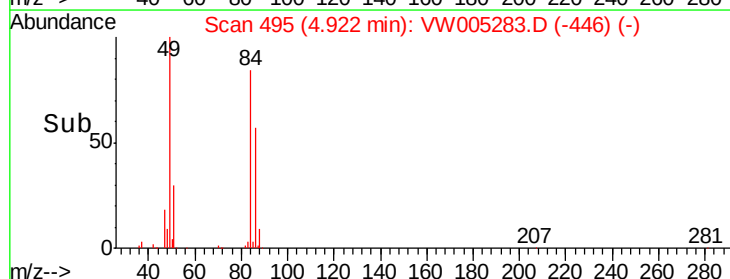
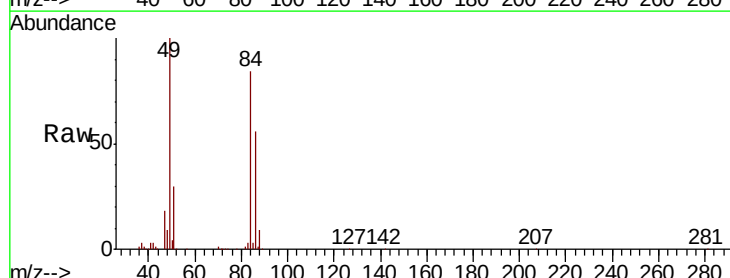
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

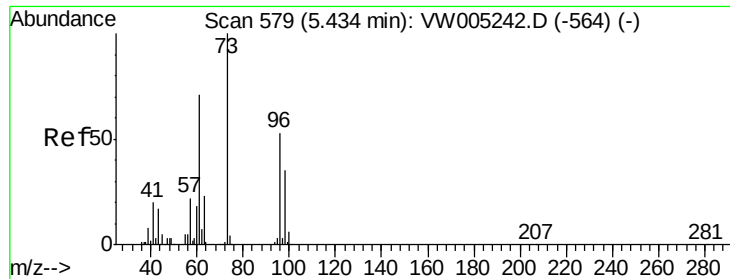
Tgt Ion: 73 Resp: 572670
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2



#20
Methylene Chloride
Concen: 69.056 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion: 84 Resp: 289828
Ion Ratio Lower Upper
84 100
49 118.7 90.3 135.5
51 35.9 26.9 40.3
86 66.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 55.623 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

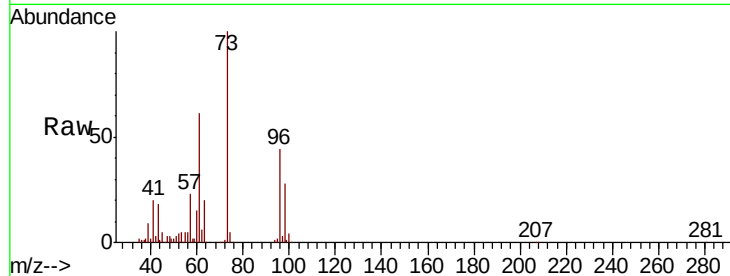
Tgt Ion: 96 Resp: 212543

Ion Ratio Lower Upper

96 100

61 138.2 105.7 158.5

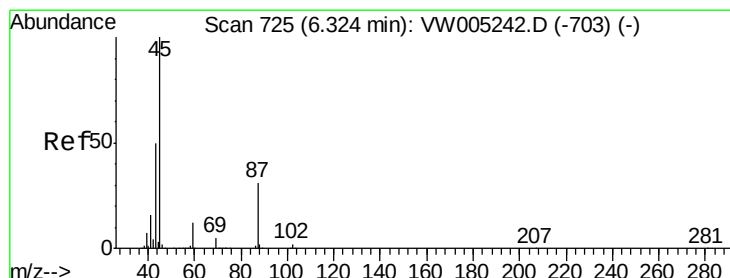
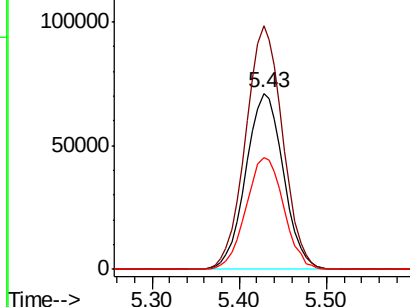
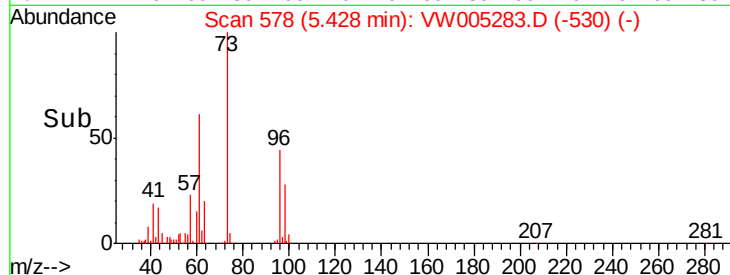
98 63.7 52.8 79.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 69.360 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion: 45 Resp: 702176

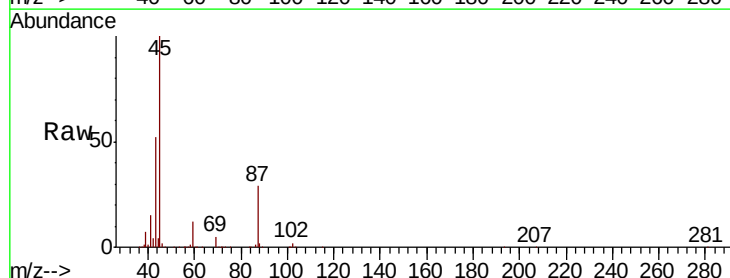
Ion Ratio Lower Upper

45 100

43 51.5 39.6 59.4

87 29.2 24.7 37.1

59 12.1 9.7 14.5

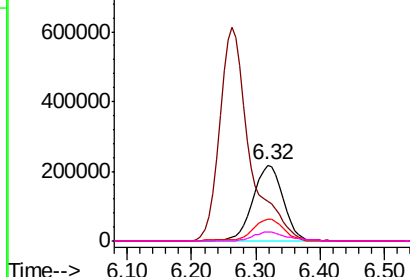
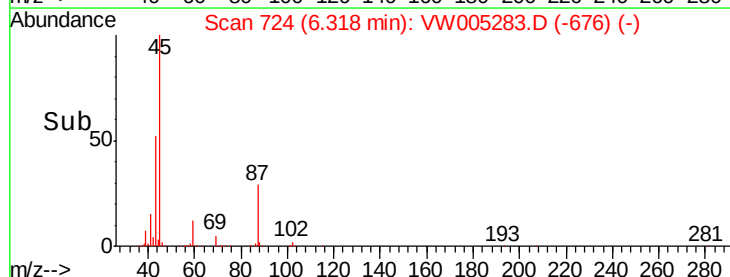


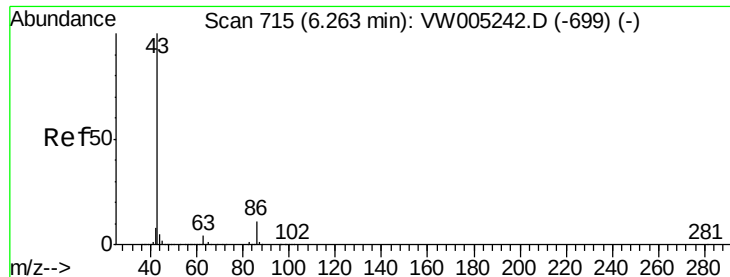
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 355.273 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

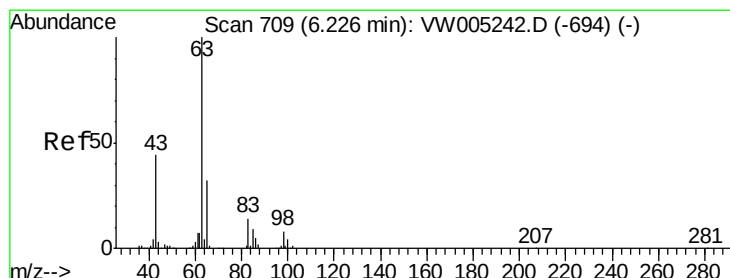
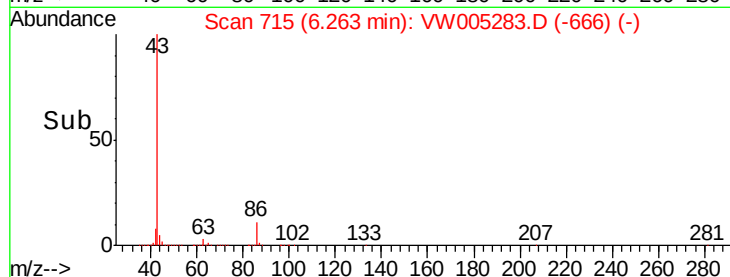
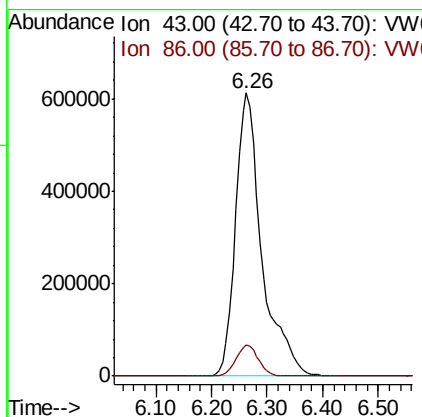
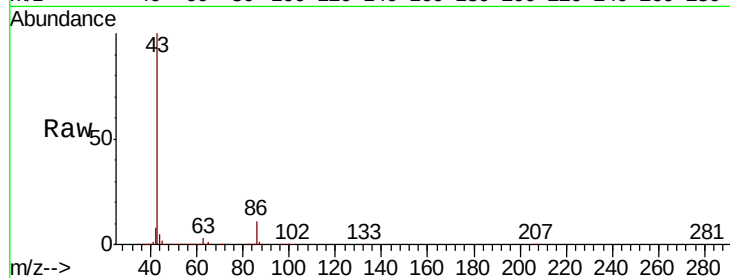
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 43 Resp: 2004393

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 59.774 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

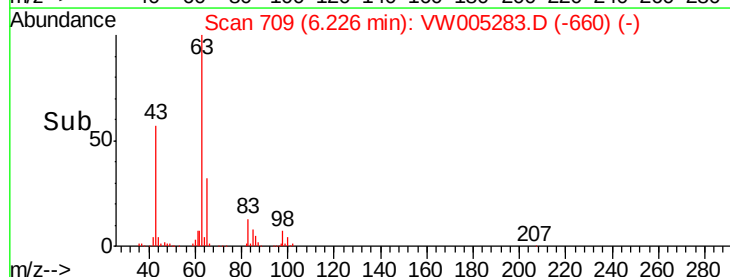
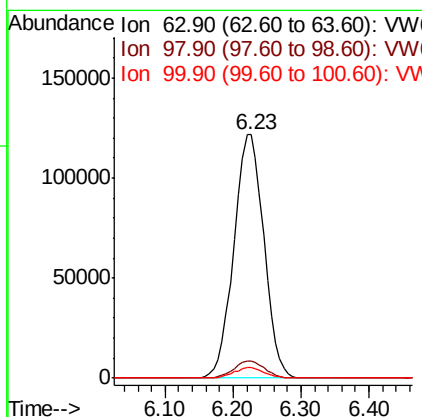
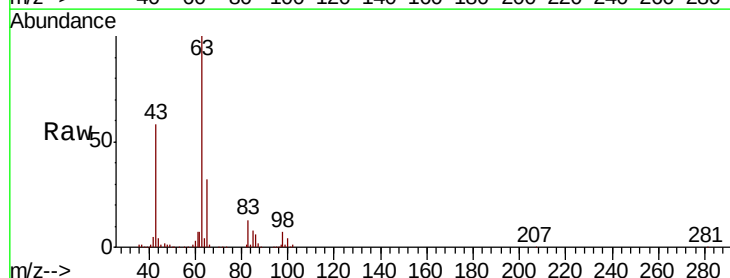
Tgt Ion: 63 Resp: 372499

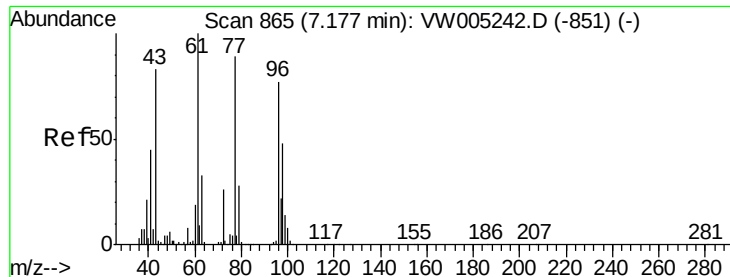
Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 447.985 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

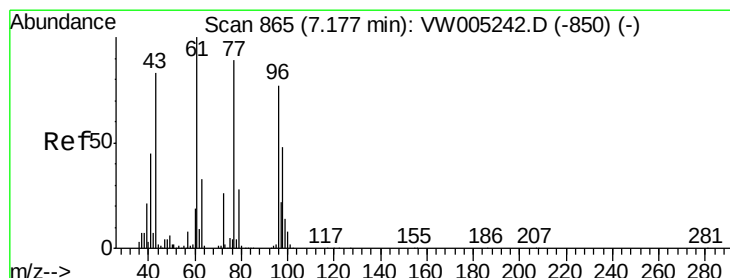
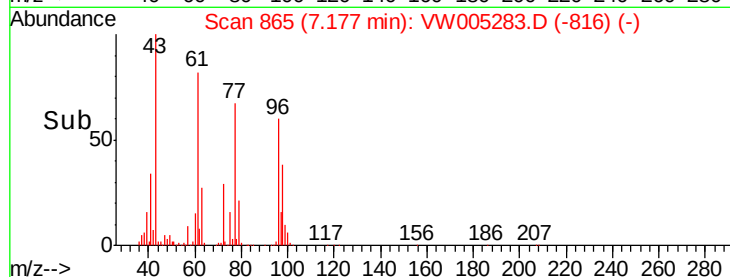
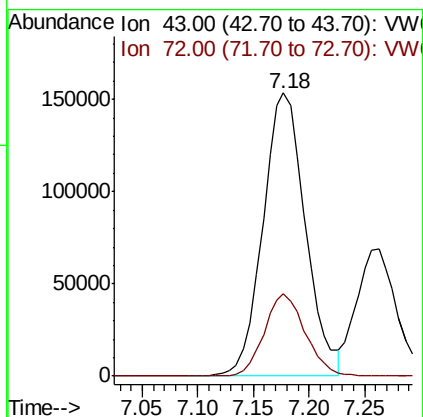
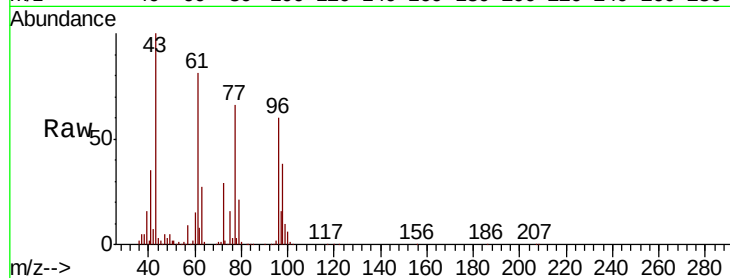
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 43 Resp: 406445

Ion Ratio Lower Upper

43 100

72 29.0 25.0 37.6



#26

2,2-Dichloropropane

Concen: 55.669 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005283.D

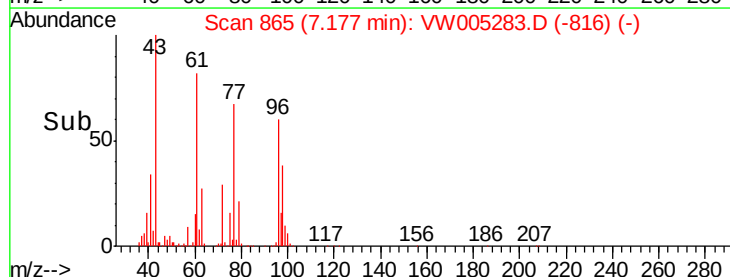
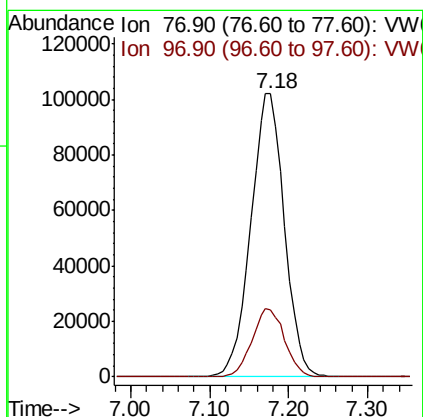
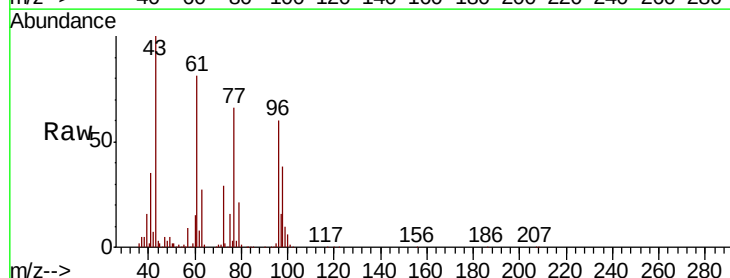
Acq: 11 Sep 2018 18:26

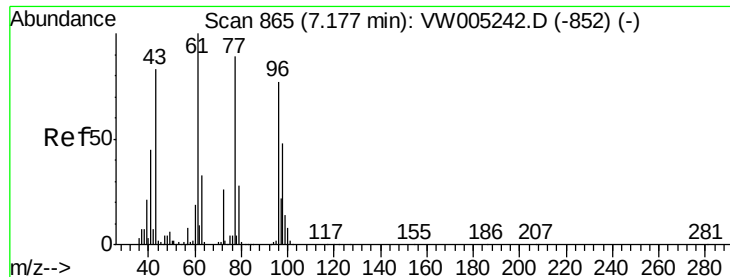
Tgt Ion: 77 Resp: 300781

Ion Ratio Lower Upper

77 100

97 23.5 12.2 36.6



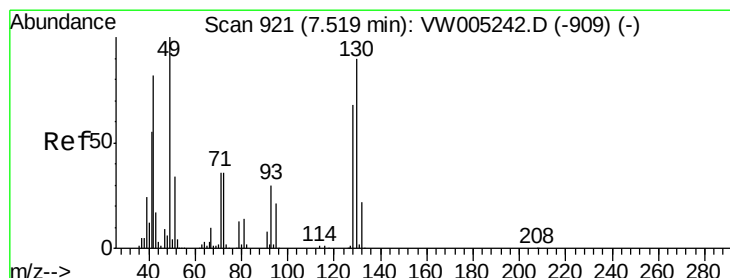
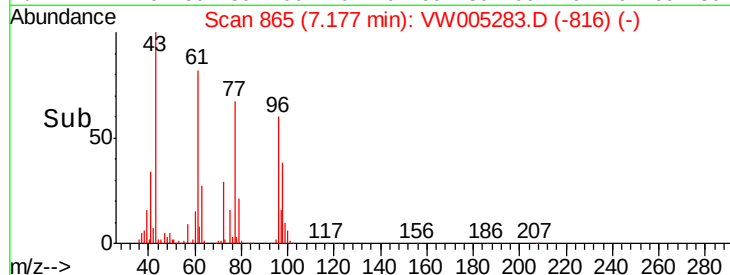
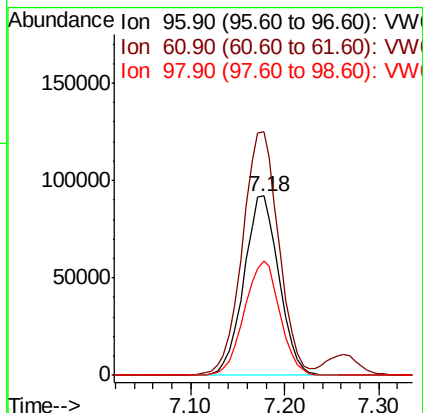
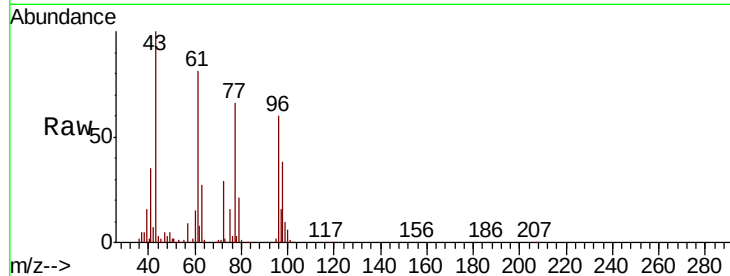


#27

cis-1,2-Dichloroethene
 Concen: 58.719 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

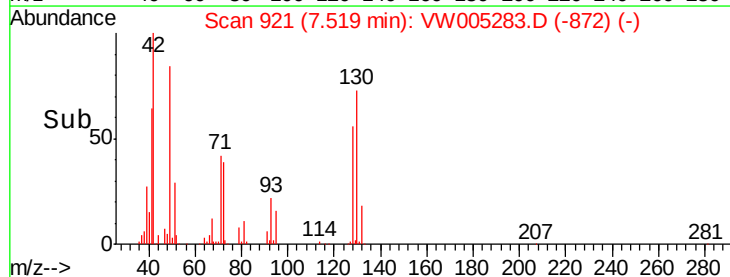
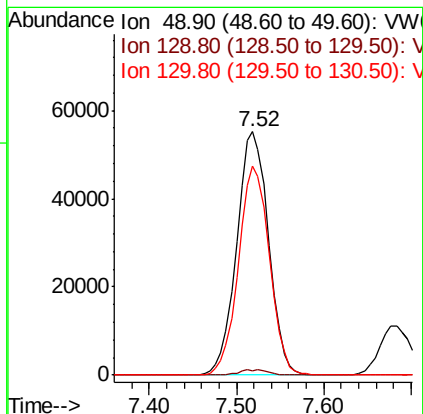
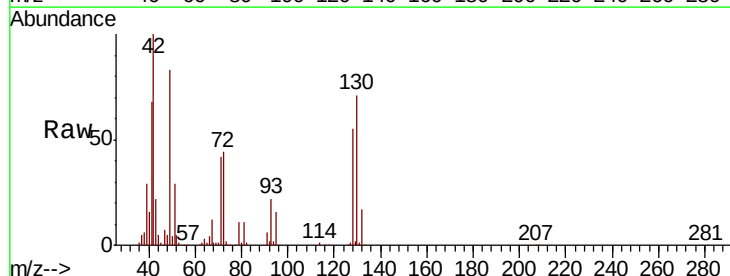
Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	273.4
98	64.5	0.0	127.8

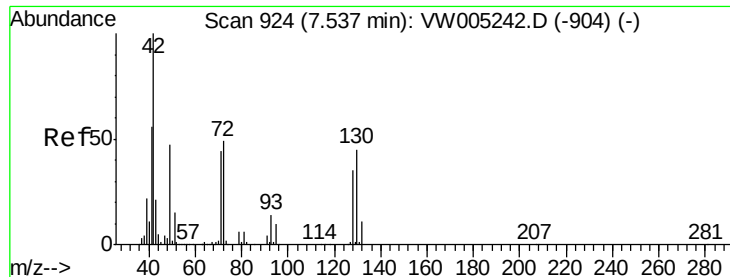


#28

Bromochloromethane
 Concen: 60.723 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.0#
130	83.5	71.2	106.8





#29

Tetrahydrofuran

Concen: 439.927 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

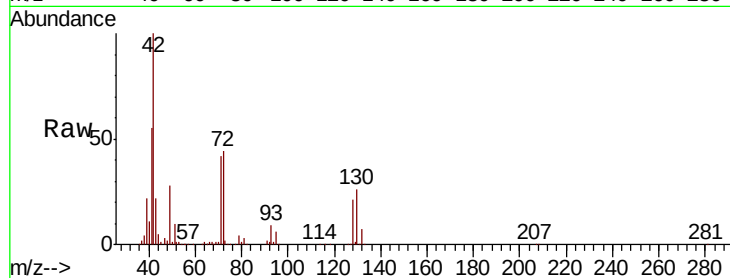
Tgt Ion: 42 Resp: 268976

Ion Ratio Lower Upper

42 100

72 45.3 37.5 56.3

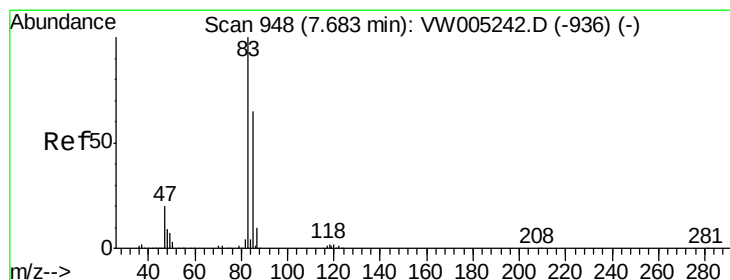
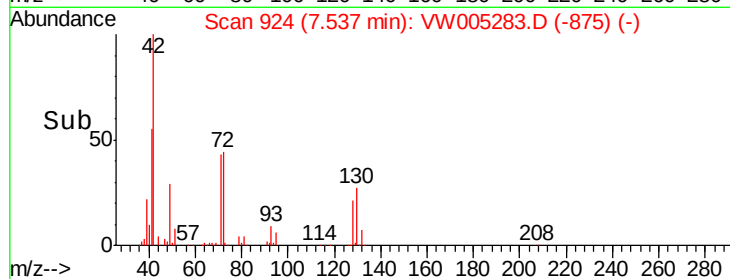
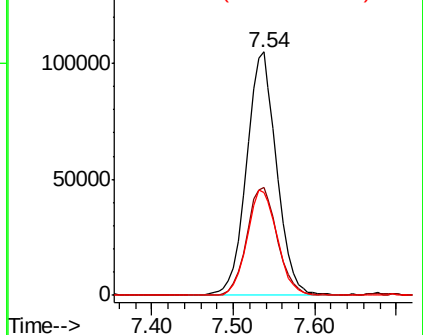
71 43.5 34.8 52.2



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 61.798 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005283.D

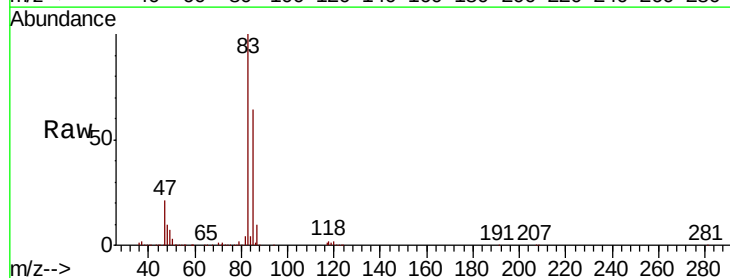
Acq: 11 Sep 2018 18:26

Tgt Ion: 83 Resp: 386476

Ion Ratio Lower Upper

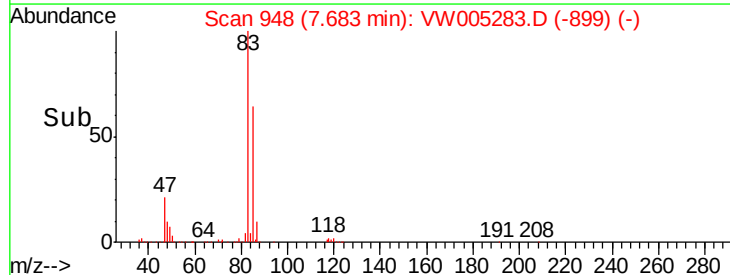
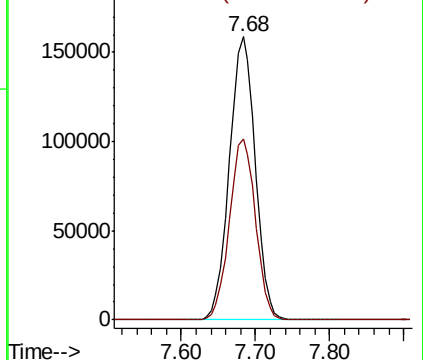
83 100

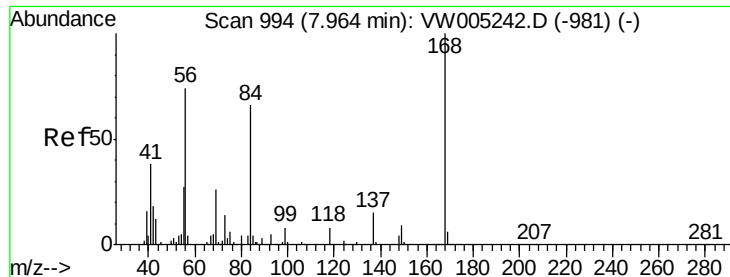
85 64.0 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

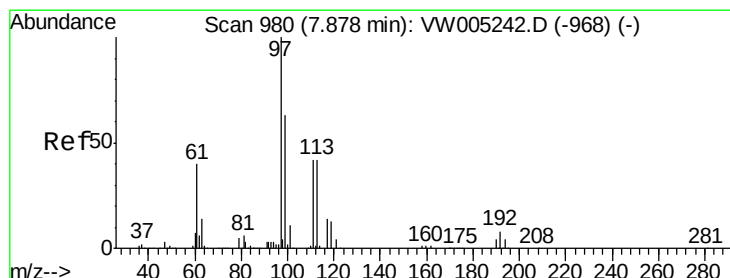
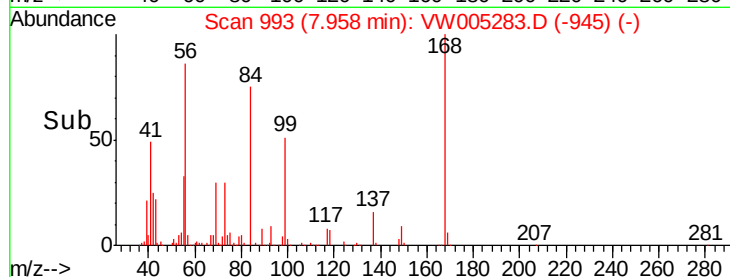
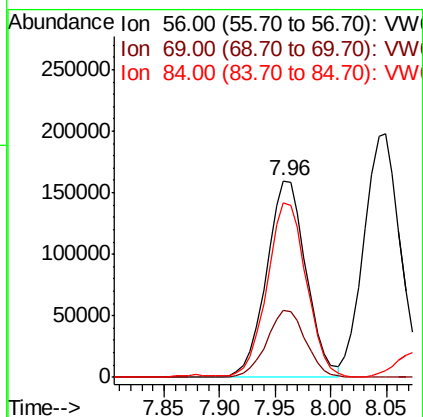
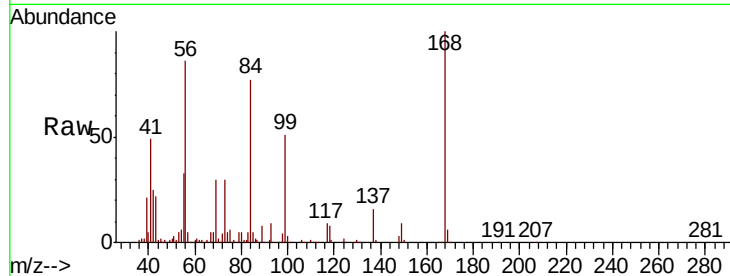




#31
Cyclohexane
Concen: 59.624 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

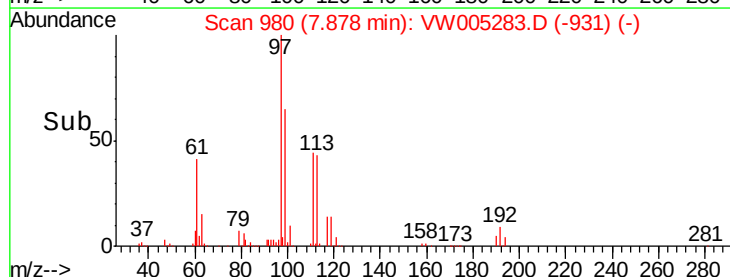
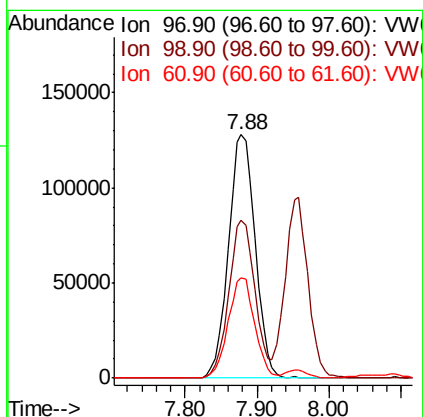
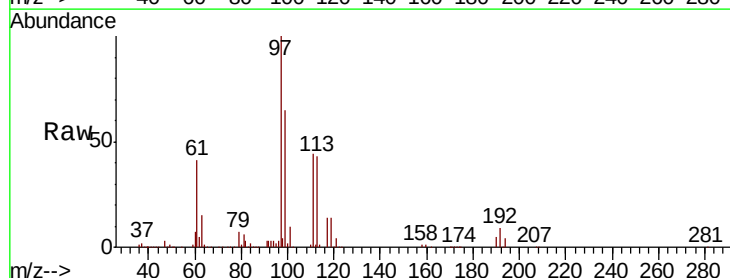
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

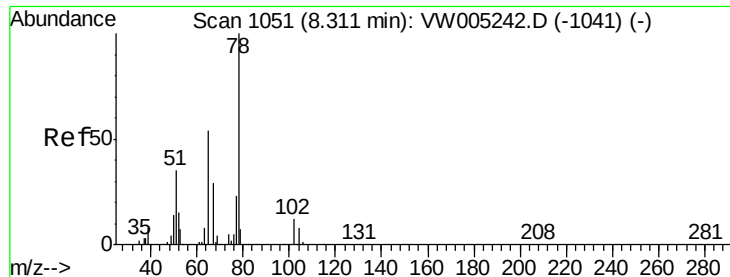
Tgt Ion: 56 Resp: 395363
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.8
84 87.9 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 58.393 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion: 97 Resp: 329910
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 41.0 32.5 48.7

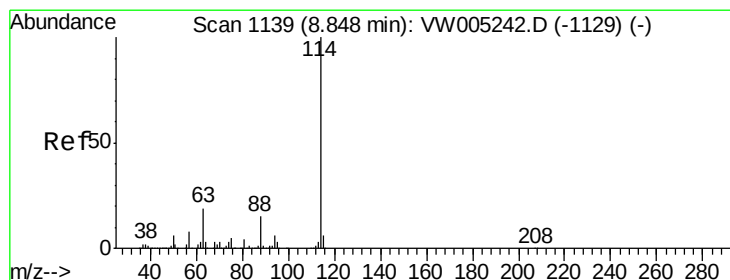
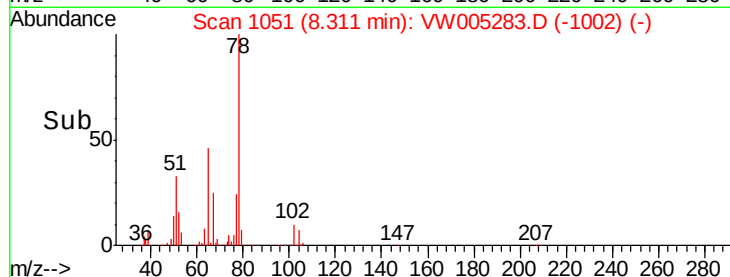
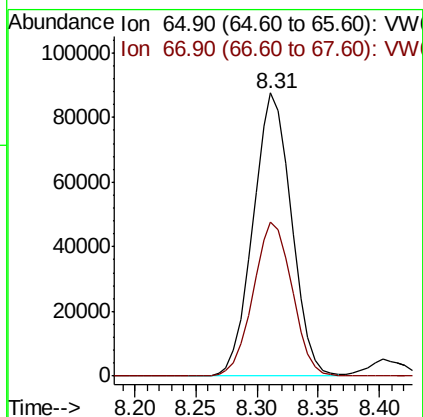
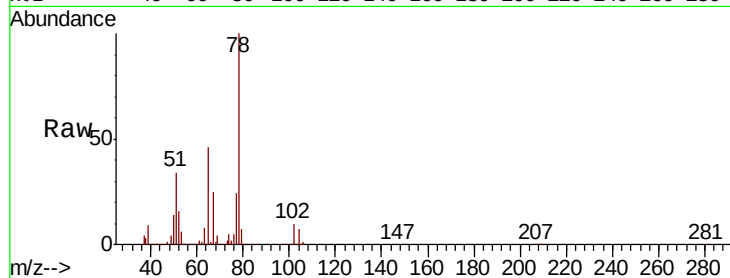




#33
 1,2-Dichloroethane-d4
 Concen: 61.696 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

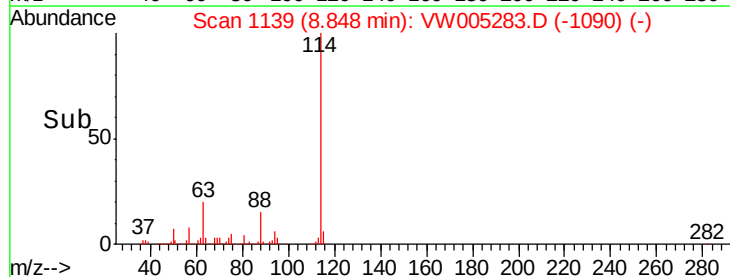
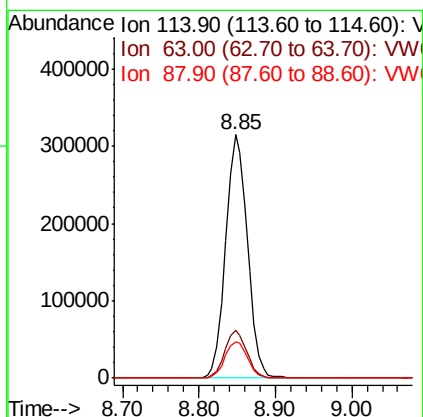
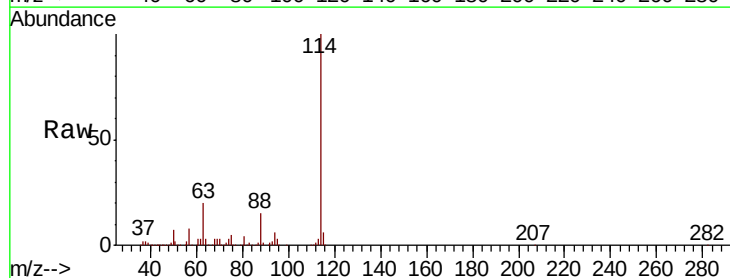
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

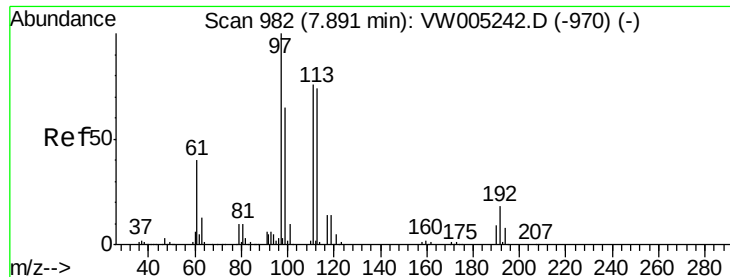
Tgt Ion: 65 Resp: 191184
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 114 Resp: 620114
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.0
 88 14.7 0.0 30.4

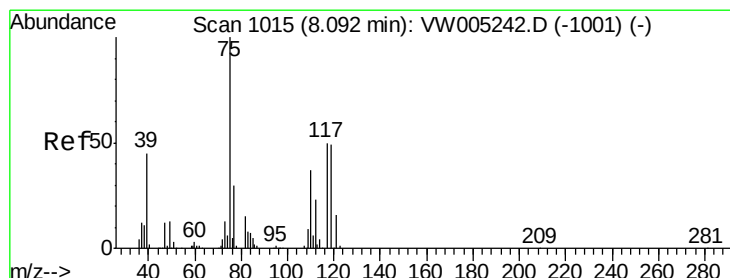
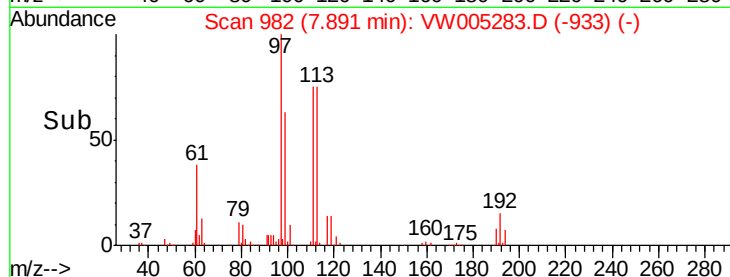
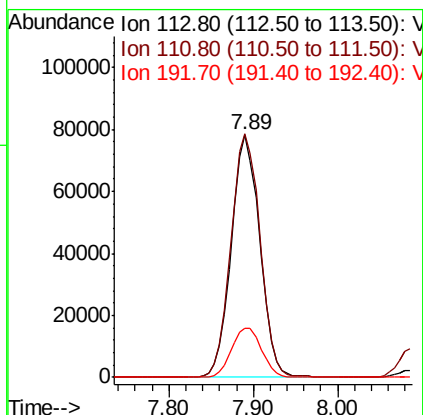
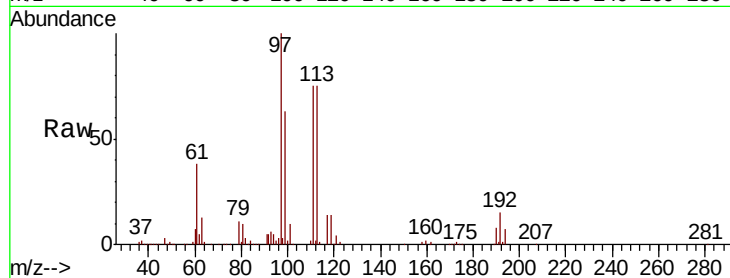




#35
 Dibromofluoromethane
 Concen: 55.006 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

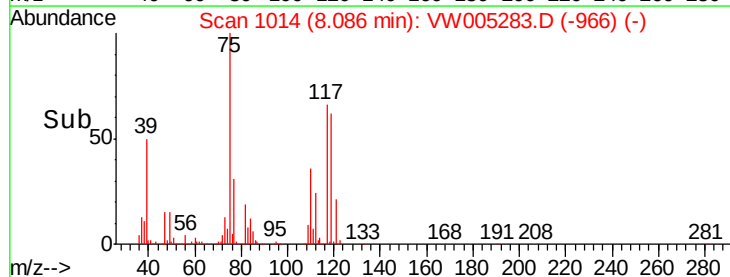
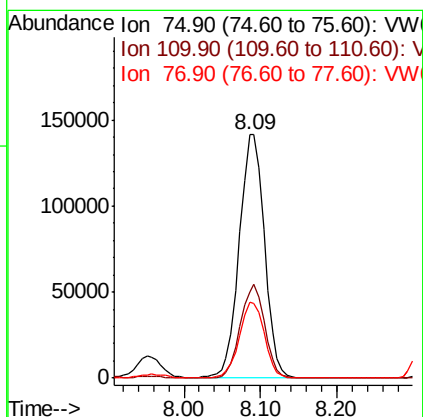
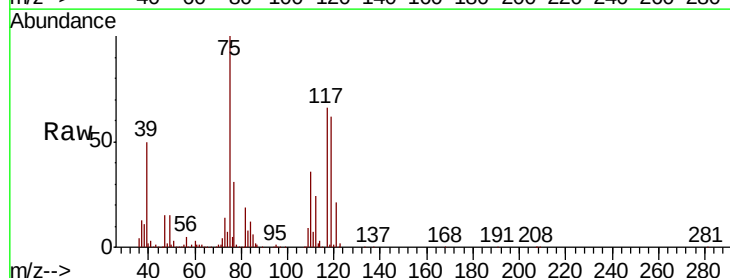
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

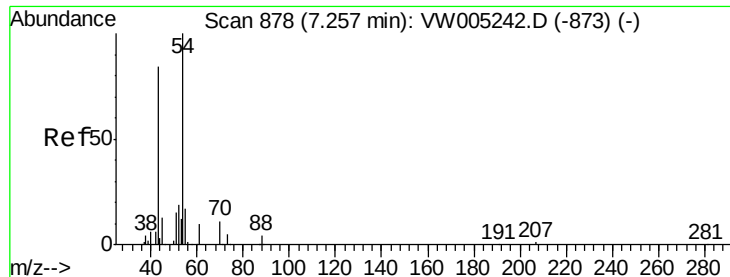
Tgt Ion: 113 Resp: 178680
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.6 121.0
 192 21.4 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 57.080 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 75 Resp: 324287
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.8 56.4
 77 31.0 24.9 37.3

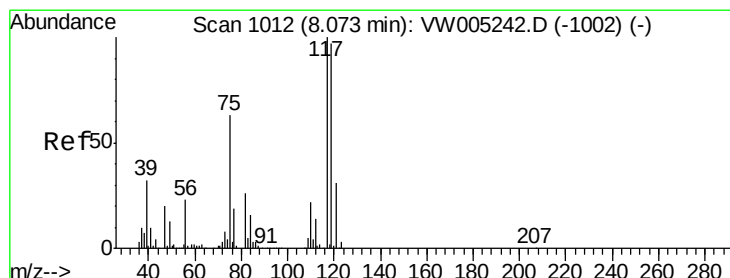
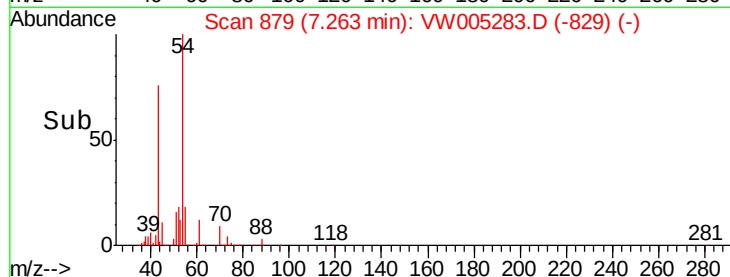
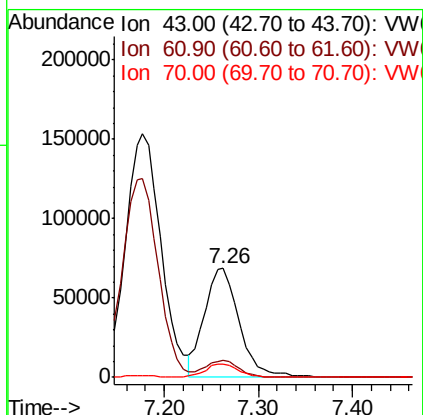
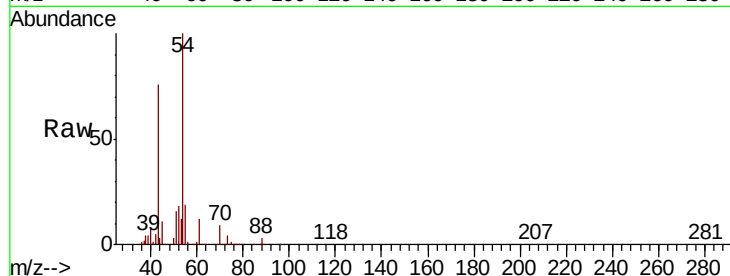




#37
Ethyl Acetate
Concen: 80.815 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

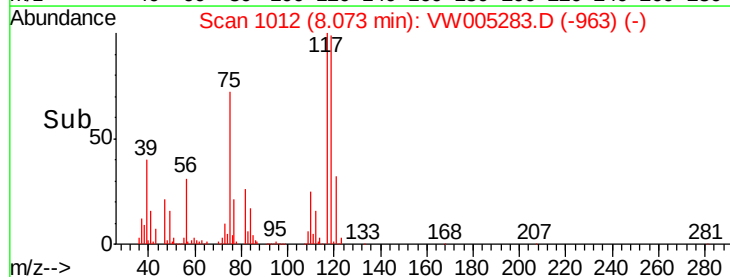
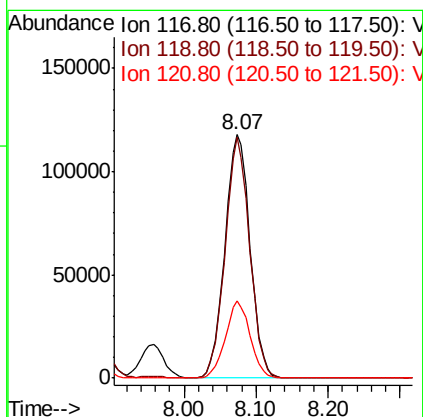
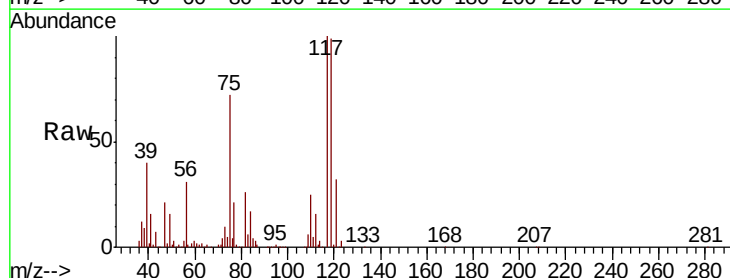
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

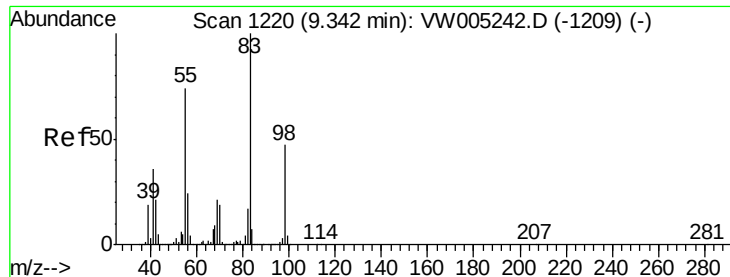
Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.3	18.5
70	12.1	9.5	14.3



#38
Carbon Tetrachloride
Concen: 53.840 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.5	116.3
121	31.8	24.7	37.1

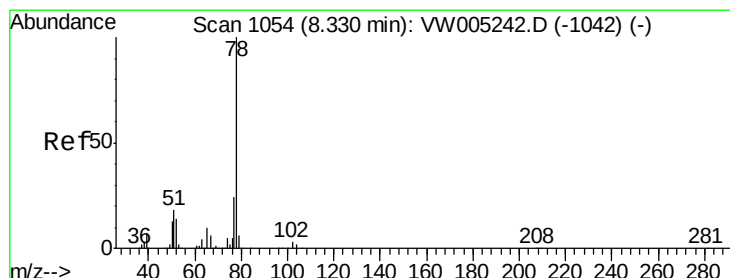
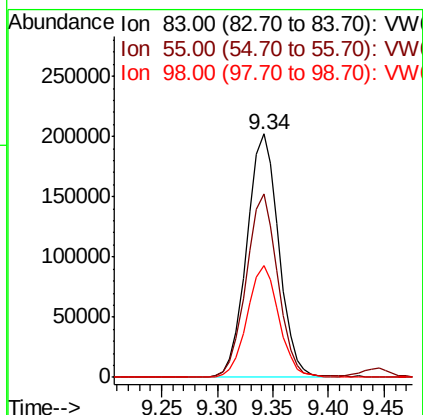
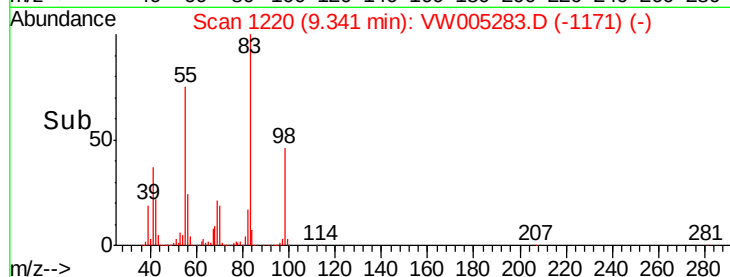
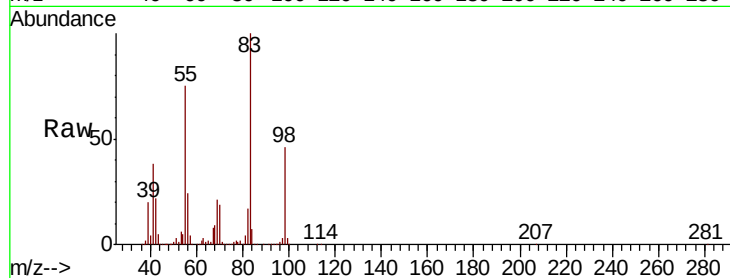




#39
Methylcyclohexane
Concen: 53.740 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

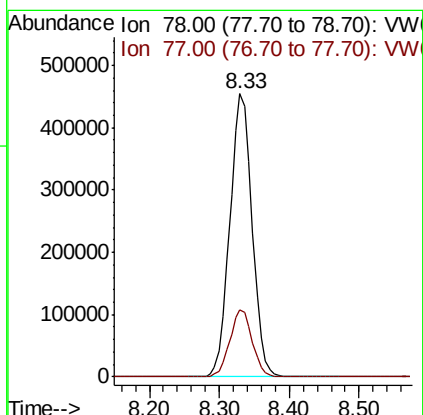
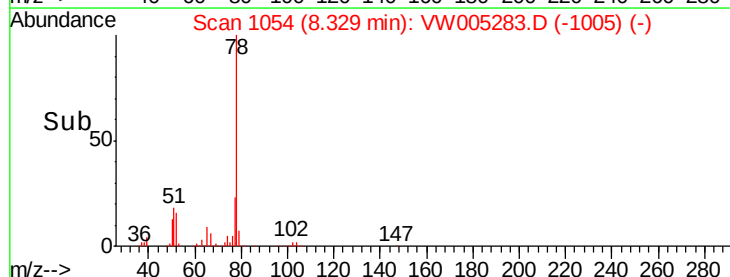
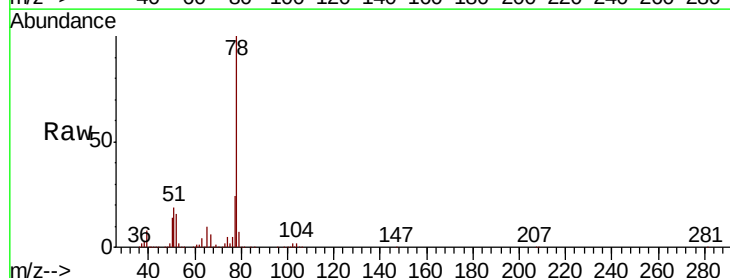
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

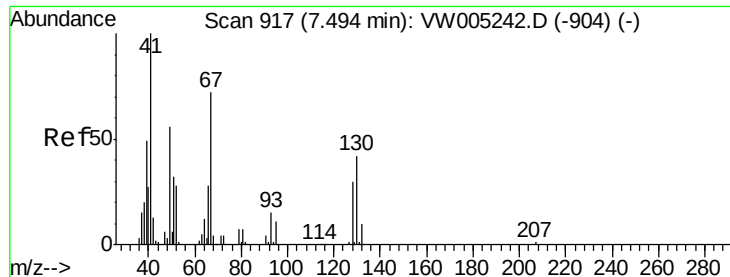
Tgt Ion: 83 Resp: 405368
Ion Ratio Lower Upper
83 100
55 75.3 58.9 88.3
98 46.1 37.6 56.4



#40
Benzene
Concen: 60.026 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion: 78 Resp: 1004689
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

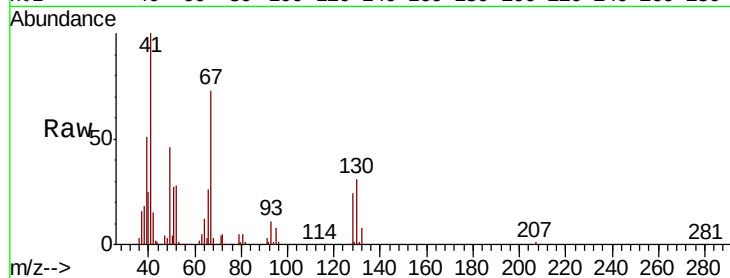




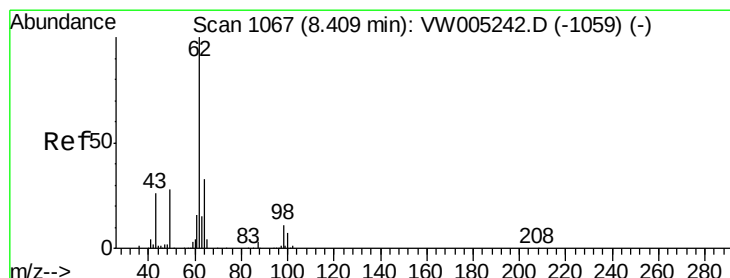
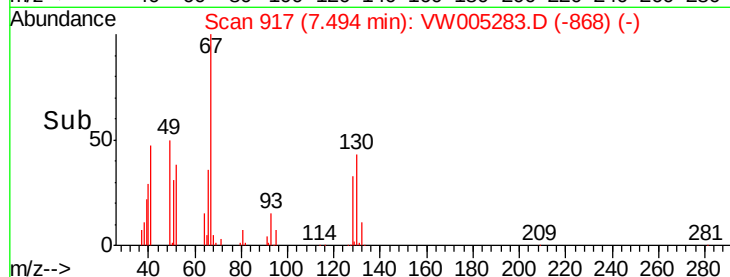
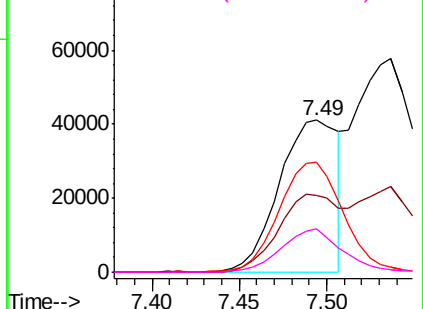
#41
Methacrylonitrile
Concen: 86.600 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tgt Ion:	41	Resp:	96010
Ion	Ratio	Lower	Upper
41	100		
39	57.1	39.9	59.9
67	78.6	65.7	98.5
52	29.8	25.1	37.7

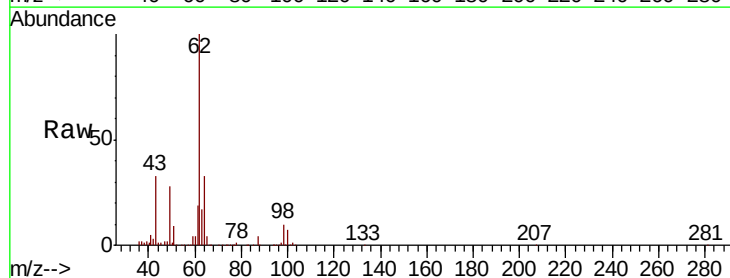


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

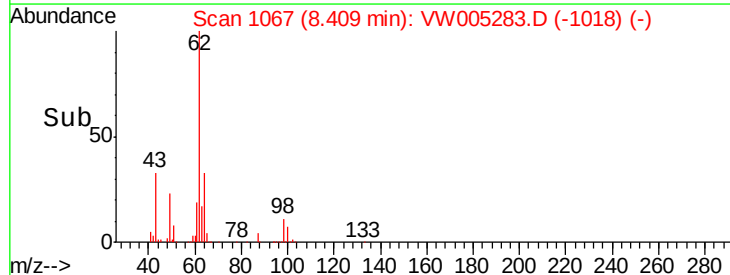
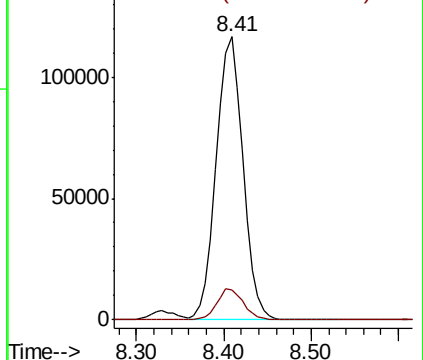


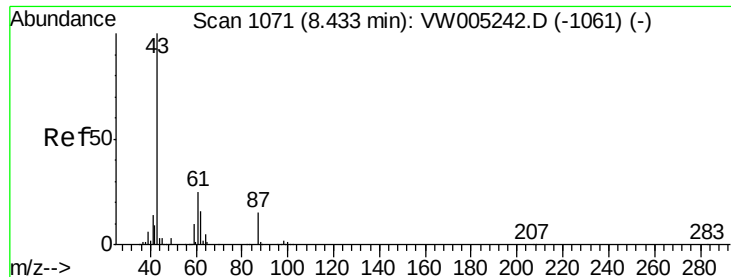
#42
1,2-Dichloroethane
Concen: 61.858 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion:	62	Resp:	247695
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0



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





#43

Isopropyl Acetate

Concen: 81.261 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

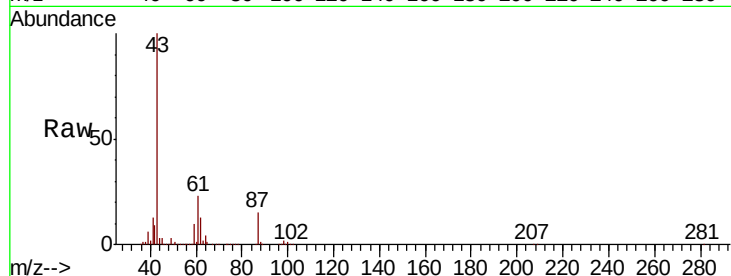
Tgt Ion: 43 Resp: 326088

Ion Ratio Lower Upper

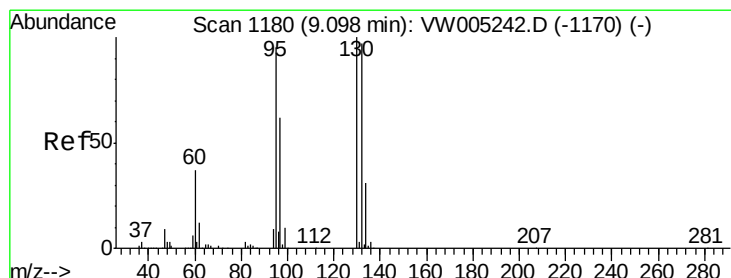
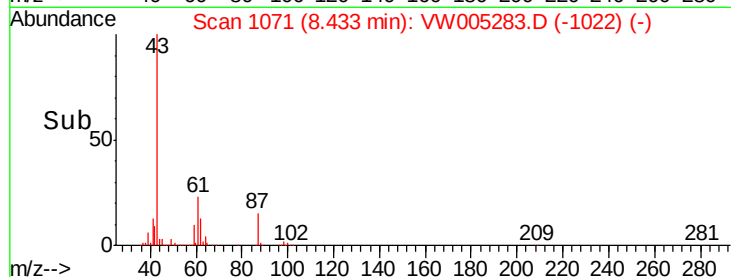
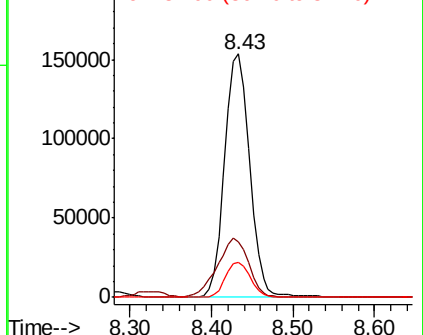
43 100

61 30.2 25.4 38.0

87 14.5 11.9 17.9



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: 56.207 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005283.D

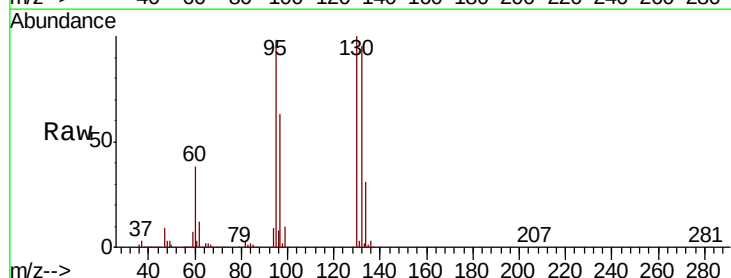
Acq: 11 Sep 2018 18:26

Tgt Ion: 130 Resp: 258089

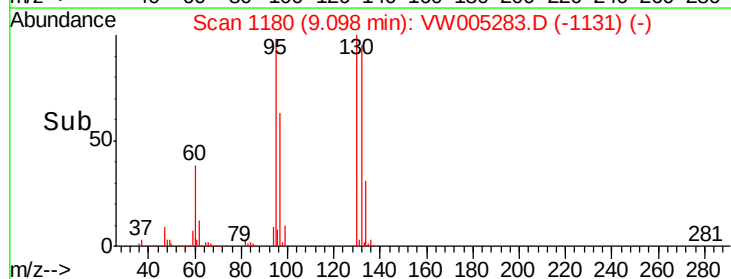
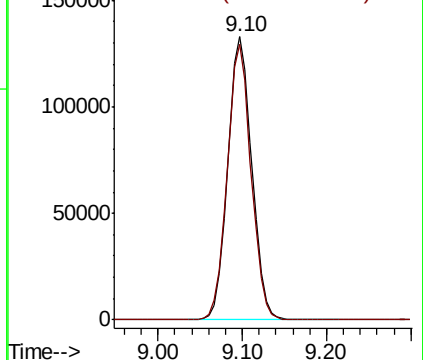
Ion Ratio Lower Upper

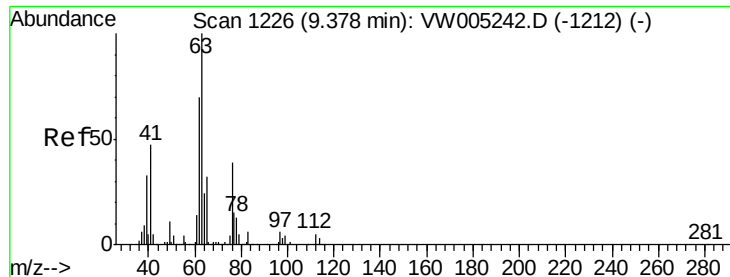
130 100

95 97.6 0.0 189.6



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

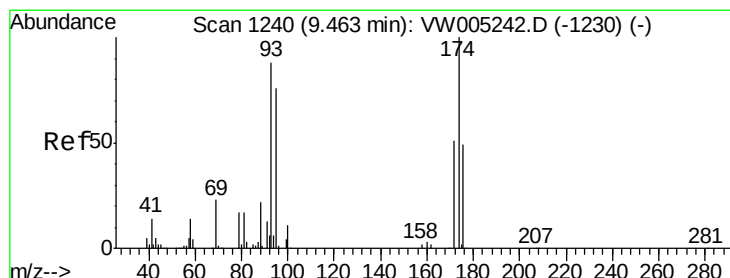
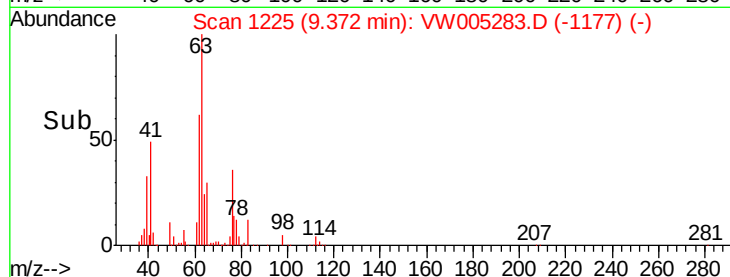
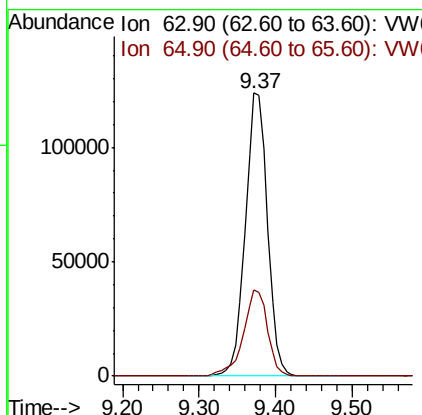
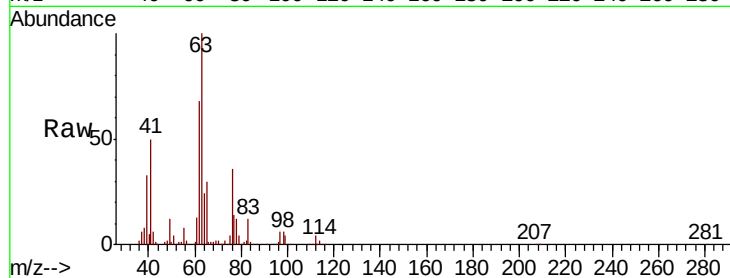




#45
 1,2-Dichloropropane
 Concen: 61.803 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

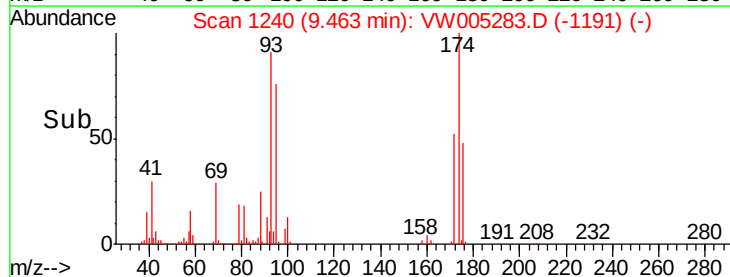
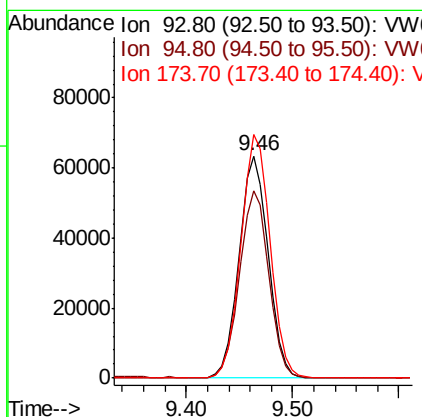
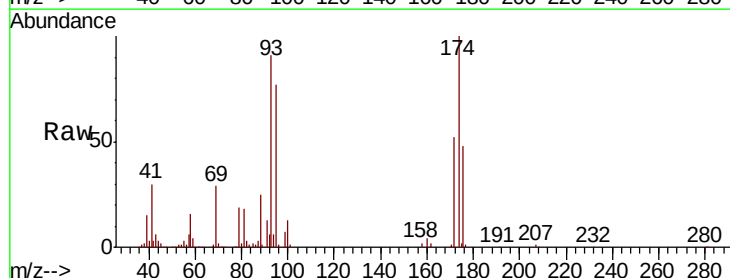
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

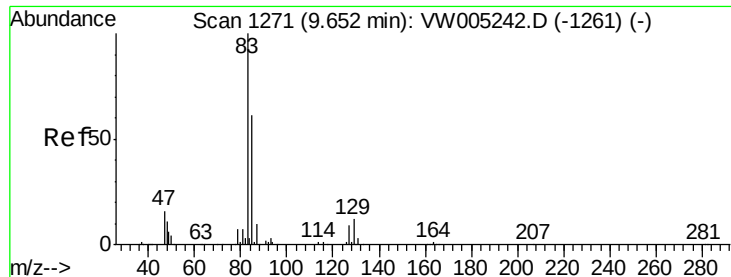
Tgt Ion: 63 Resp: 248643
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.4 38.2



#46
 Dibromomethane
 Concen: 61.923 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 93 Resp: 121942
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.0 100.4
 174 110.4 92.2 138.2





#47

Bromodichloromethane

Concen: 58.791 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

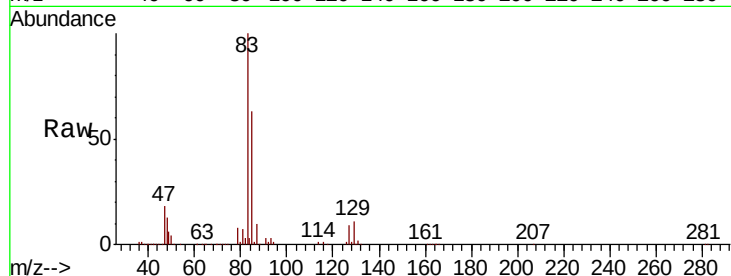
Tgt Ion: 83 Resp: 283212

Ion Ratio Lower Upper

83 100

85 62.8 49.0 73.6

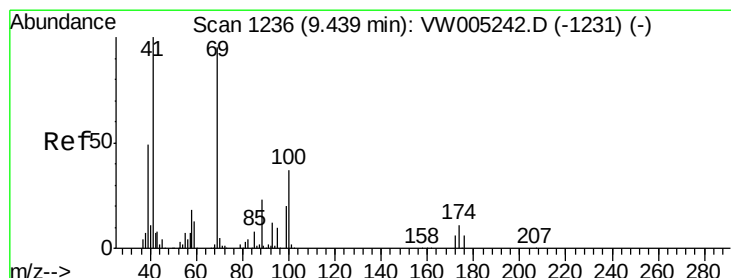
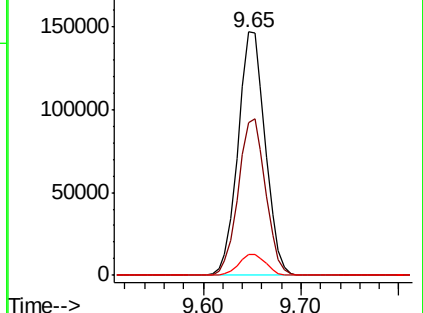
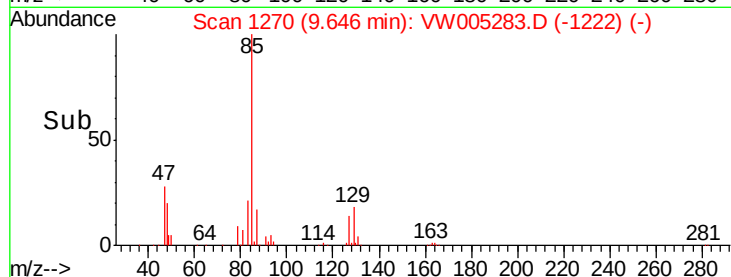
127 8.6 7.0 10.4



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: 77.844 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

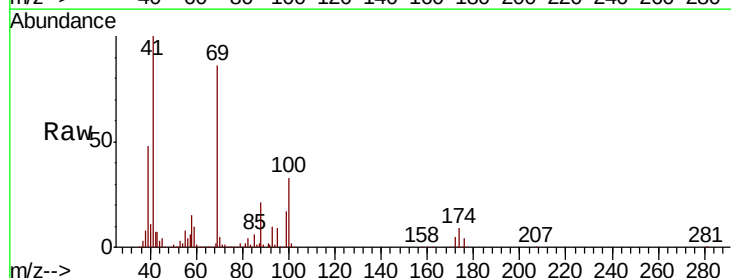
Tgt Ion: 41 Resp: 162197

Ion Ratio Lower Upper

41 100

69 96.8 74.6 112.0

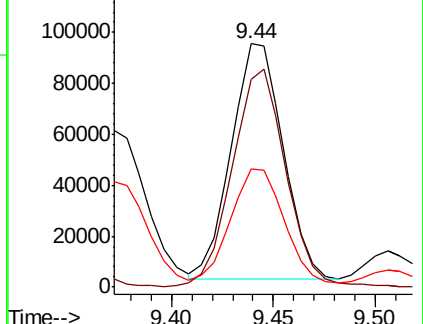
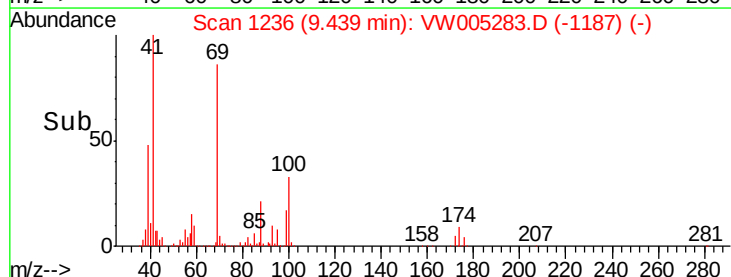
39 53.7 36.7 55.1

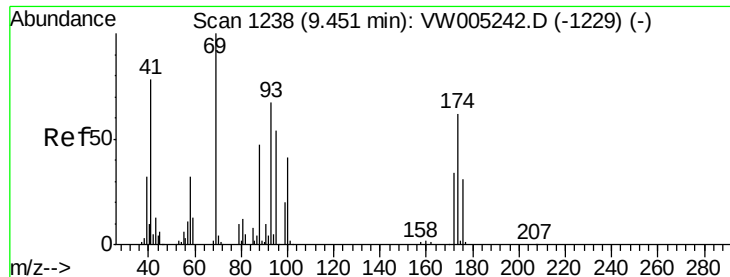


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1592.679 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

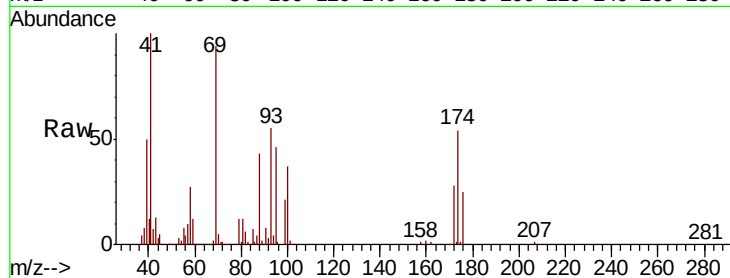
Tgt Ion: 88 Resp: 58558

Ion Ratio Lower Upper

88 100

43 29.8 22.7 34.1

58 71.1 56.6 85.0

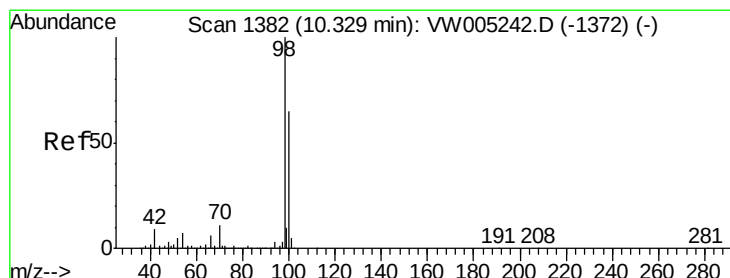
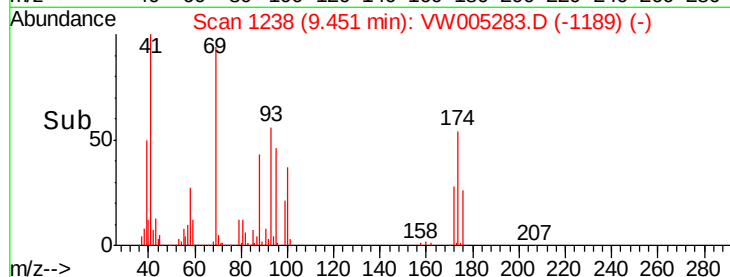
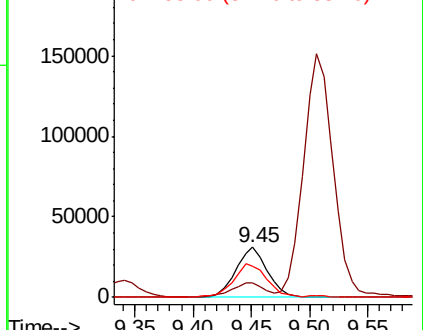


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.812 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005283.D

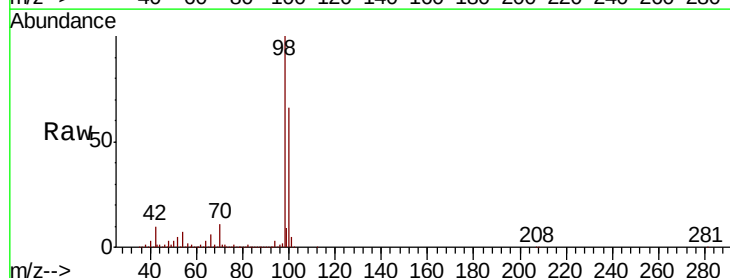
Acq: 11 Sep 2018 18:26

Tgt Ion: 98 Resp: 899721

Ion Ratio Lower Upper

98 100

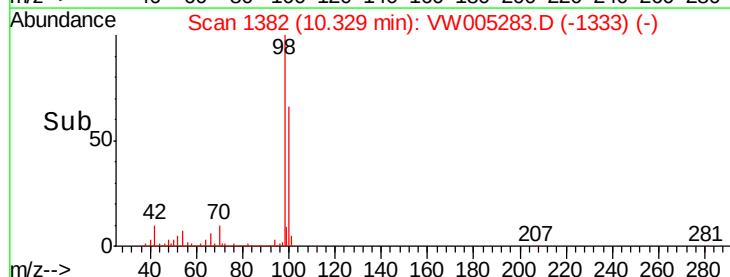
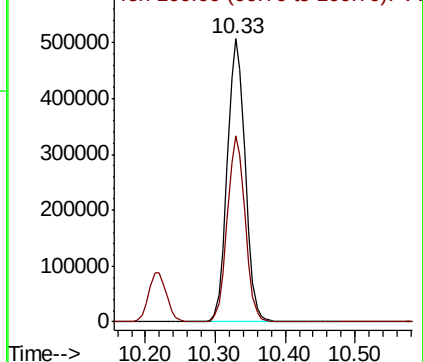
100 65.4 52.0 78.0

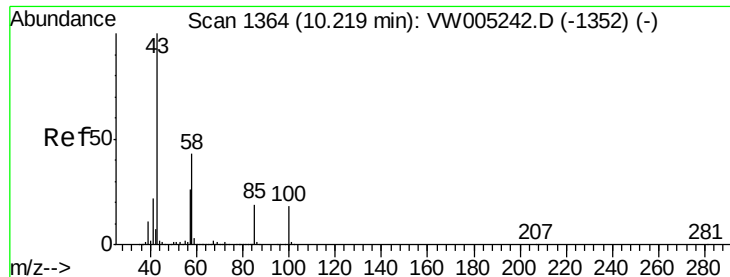


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

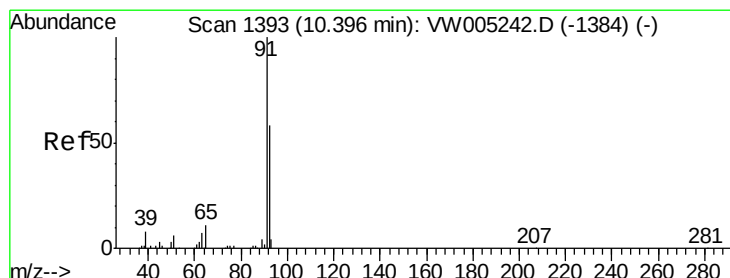
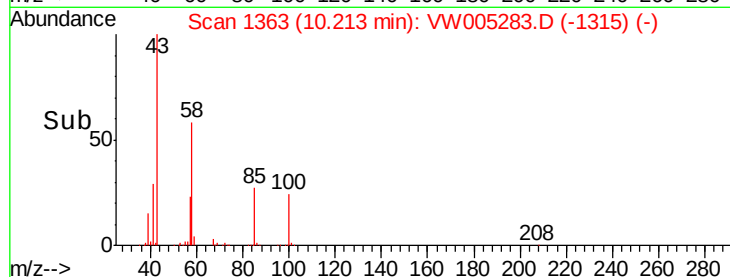
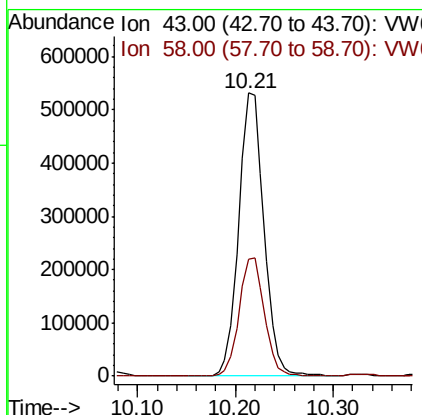
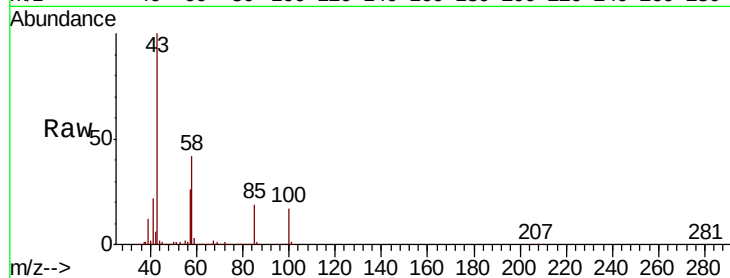




#51
 4-Methyl-2-Pentanone
 Concen: 422.358 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

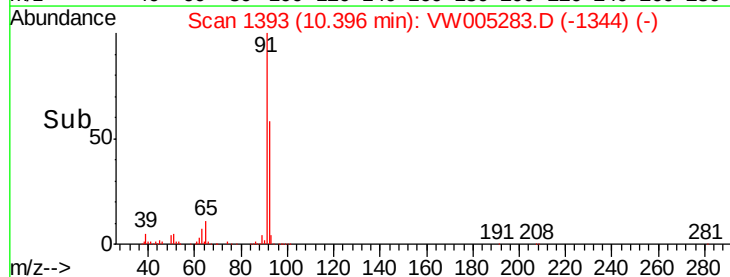
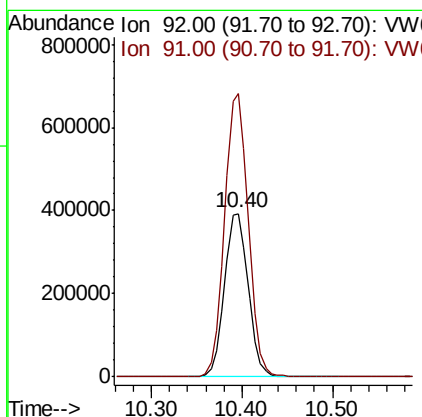
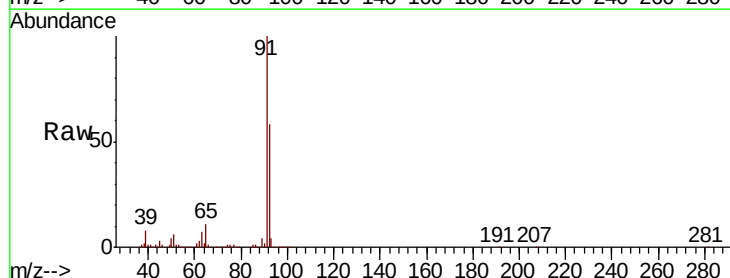
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

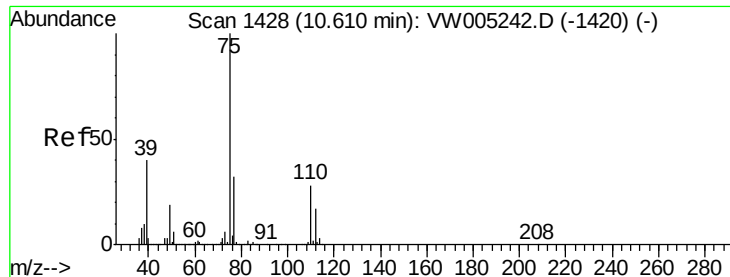
Tgt Ion: 43 Resp: 953784
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.8 50.6



#52
 Toluene
 Concen: 58.697 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 92 Resp: 714035
 Ion Ratio Lower Upper
 92 100
 91 173.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 63.338 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

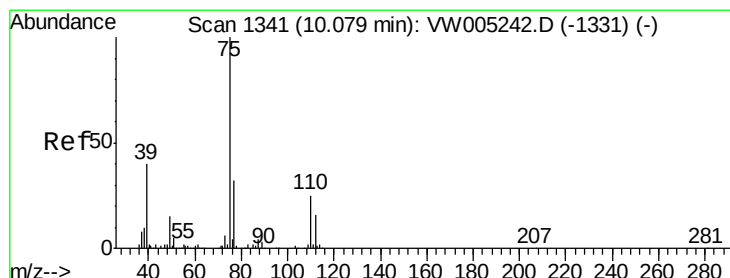
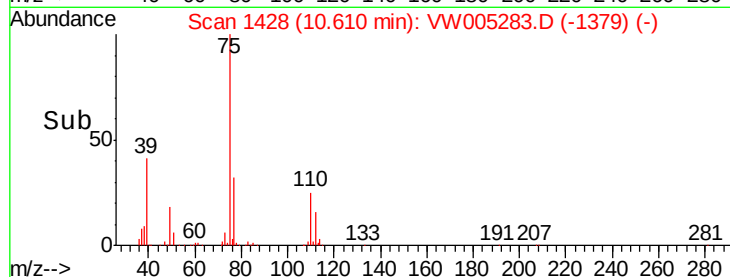
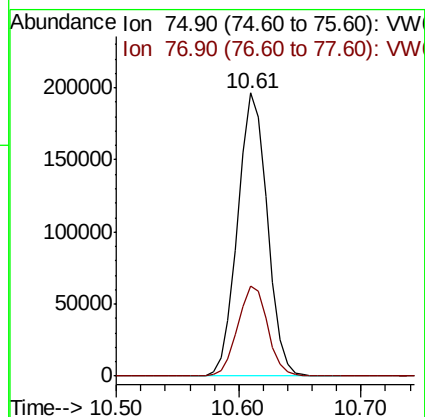
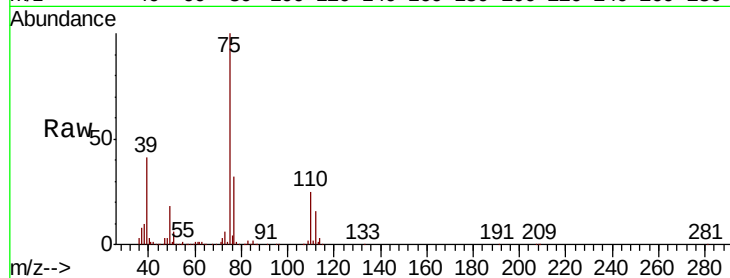
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 75 Resp: 329748

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 60.275 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

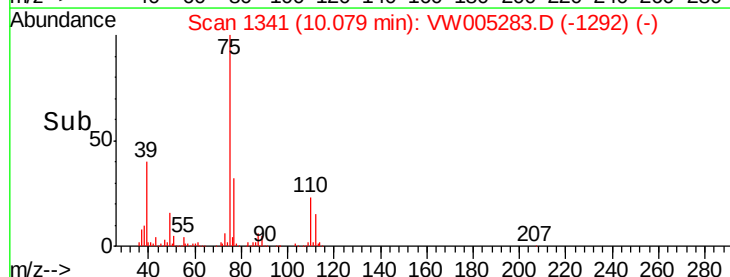
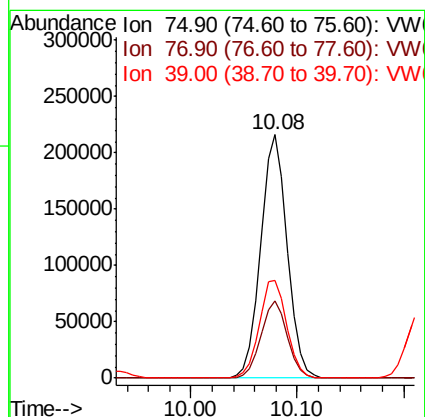
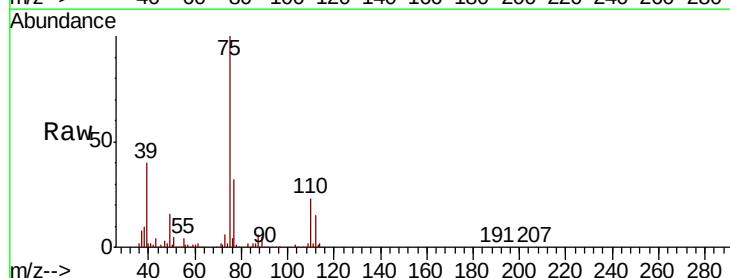
Tgt Ion: 75 Resp: 375785

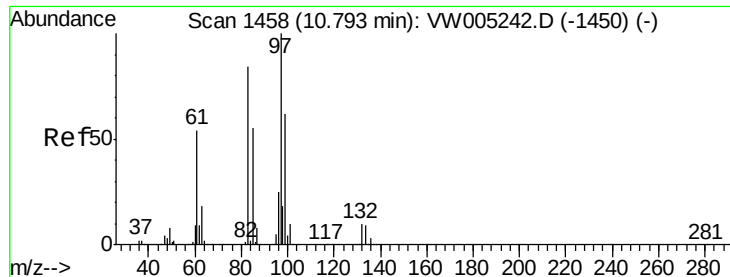
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 40.2 31.8 47.6

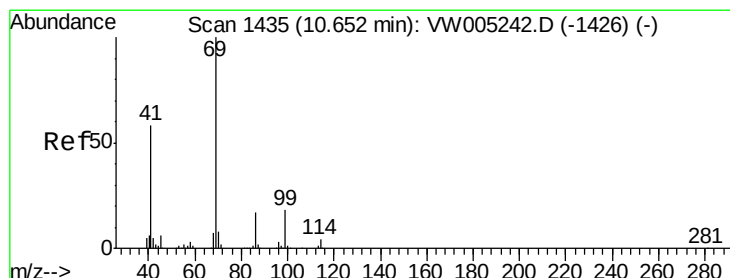
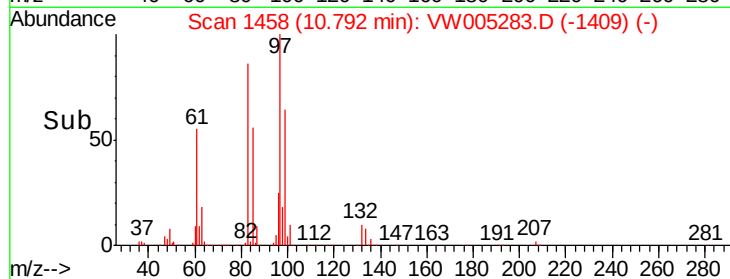
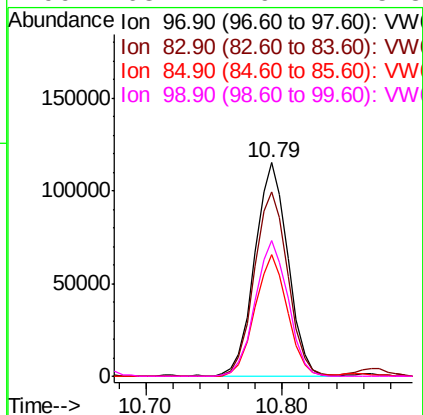
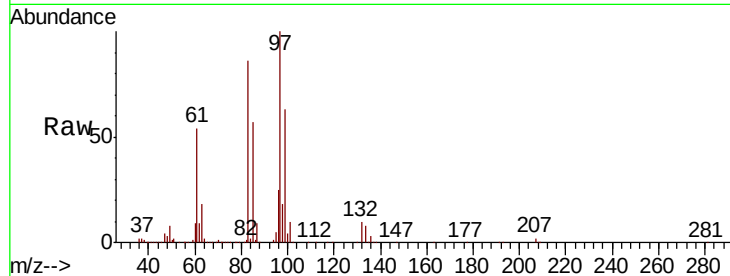




#55
 1,1,2-Trichloroethane
 Concen: 62.805 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

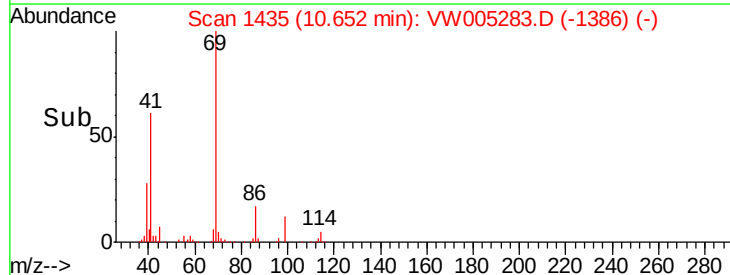
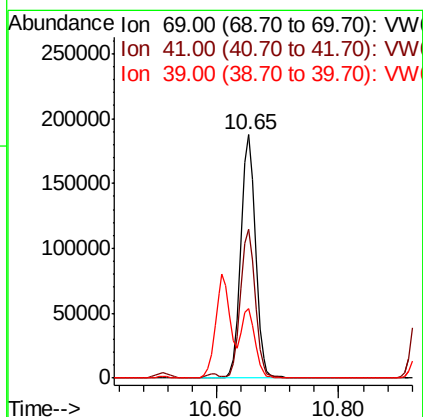
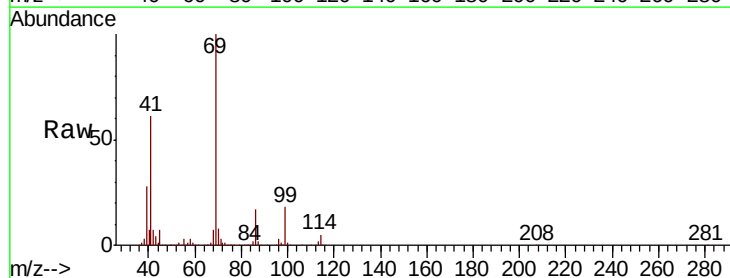
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

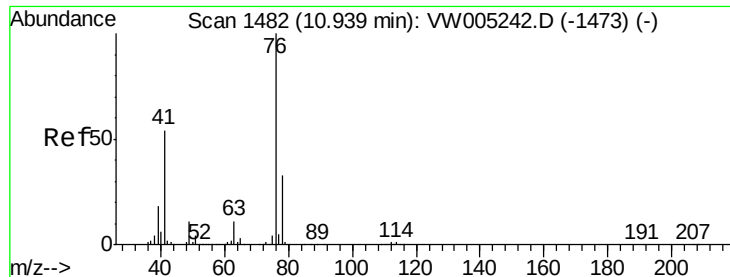
Tgt Ion:	97	Resp:	197201
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.2	100.8
85	57.0	44.4	66.6
99	63.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 76.836 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion:	69	Resp:	305857
Ion	Ratio	Lower	Upper
69	100		
41	61.1	48.7	73.1
39	26.4	20.9	31.3

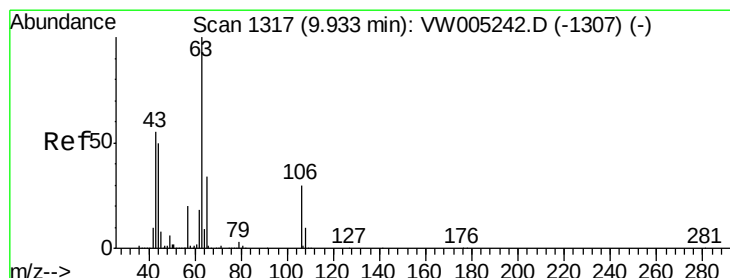
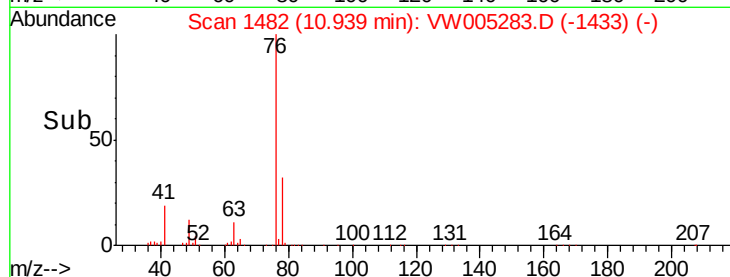
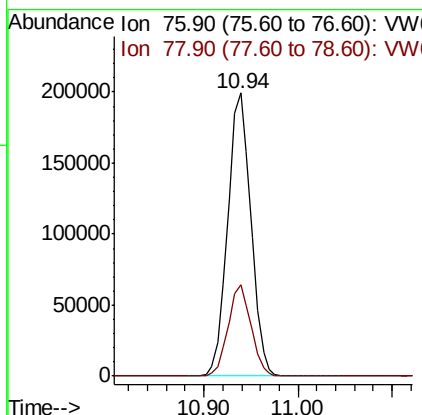
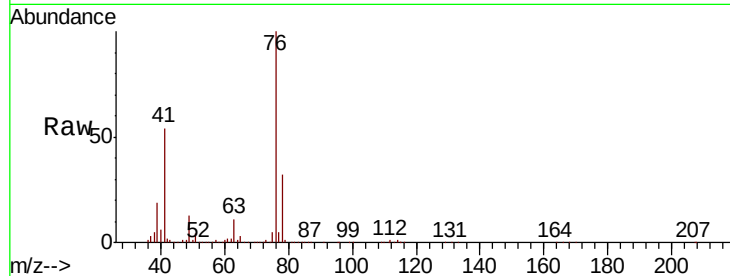




#57
 1,3-Dichloropropane
 Concen: 65.398 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

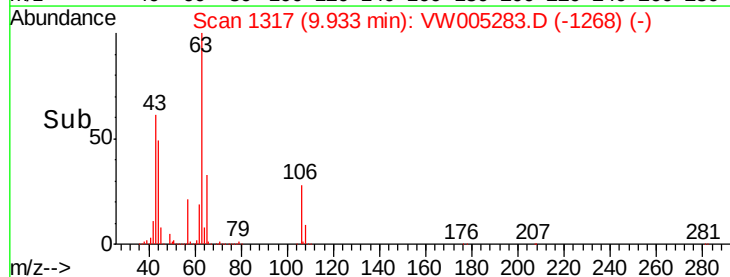
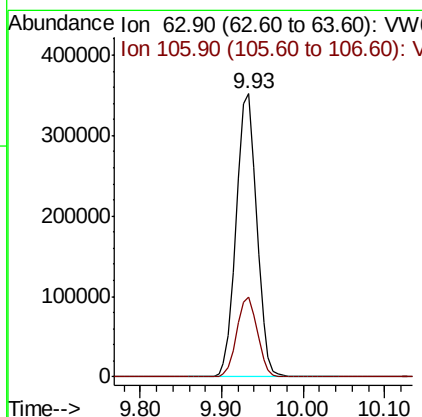
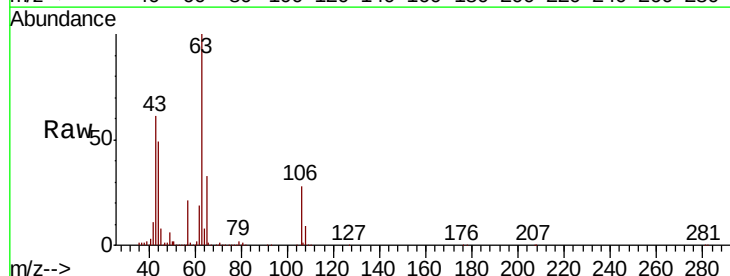
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

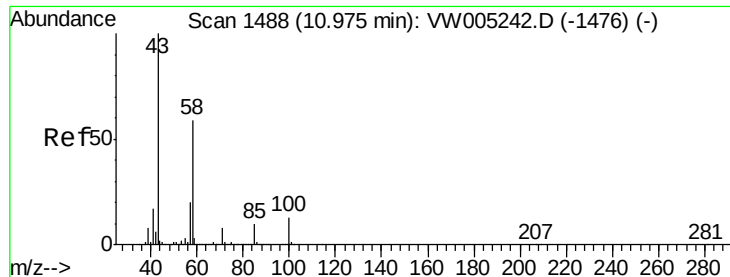
Tgt Ion: 76 Resp: 340978
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 351.030 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 63 Resp: 607335
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.4 35.0

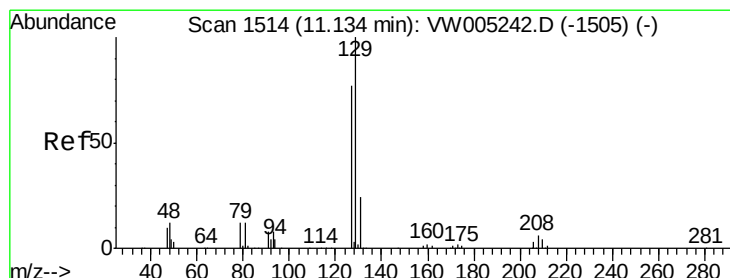
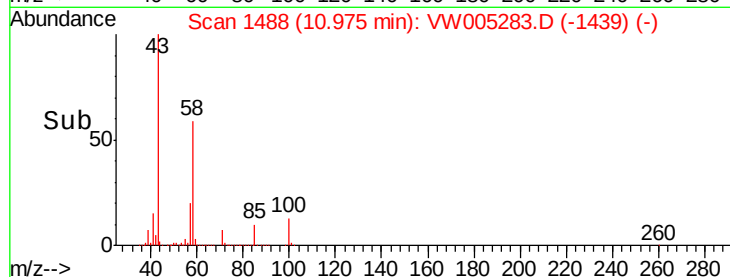
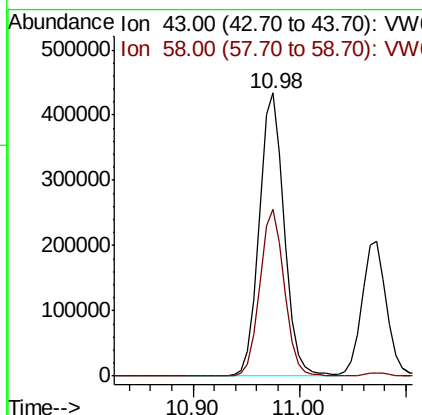
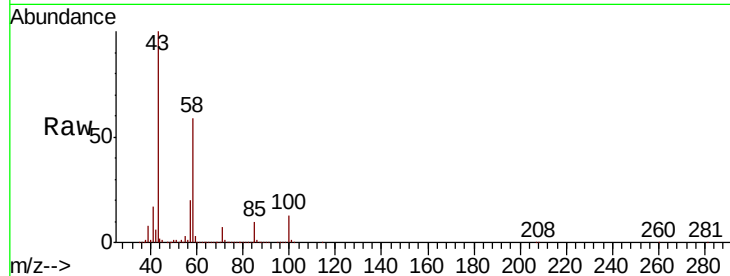




#59
2-Hexanone
Concen: 439.090 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

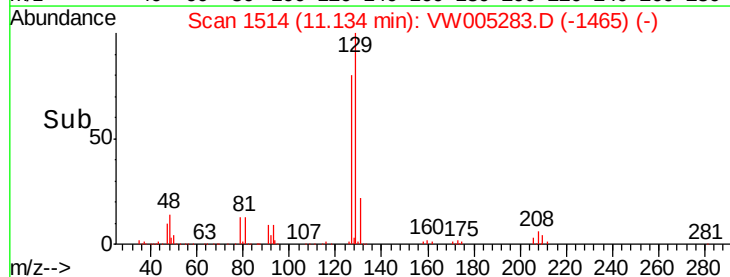
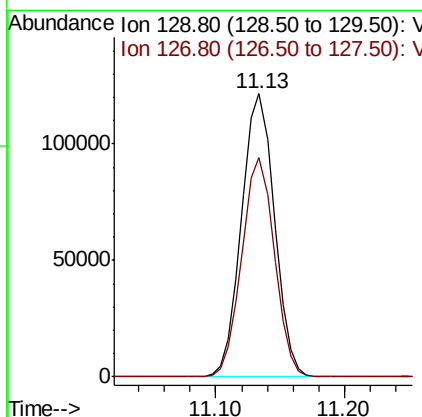
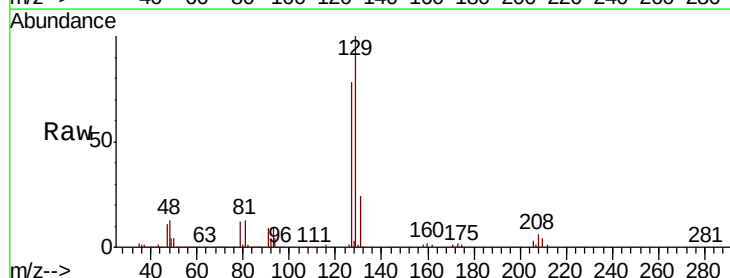
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

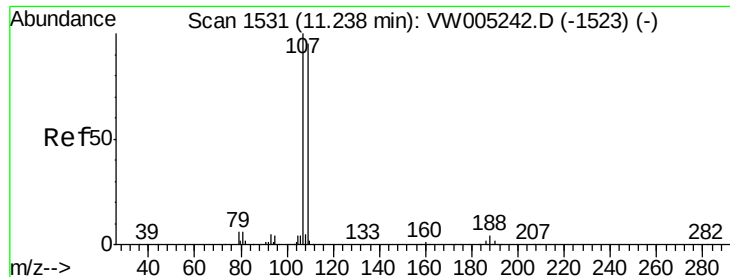
Tgt Ion: 43 Resp: 714843
Ion Ratio Lower Upper
43 100
58 57.8 29.3 87.9



#60
Dibromochloromethane
Concen: 61.719 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion: 129 Resp: 215033
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

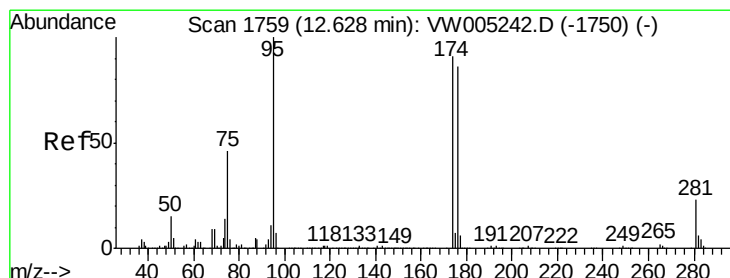
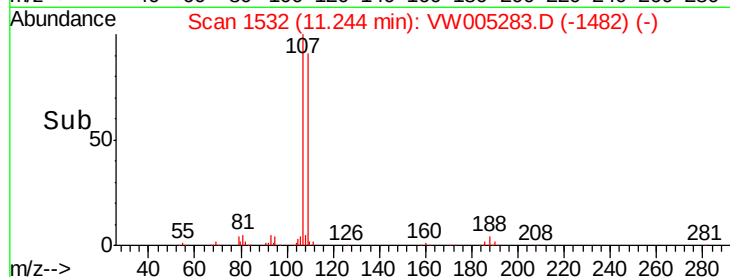
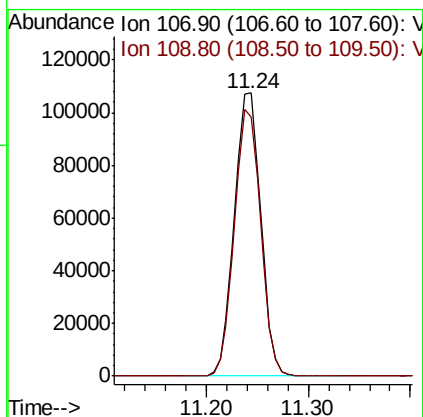
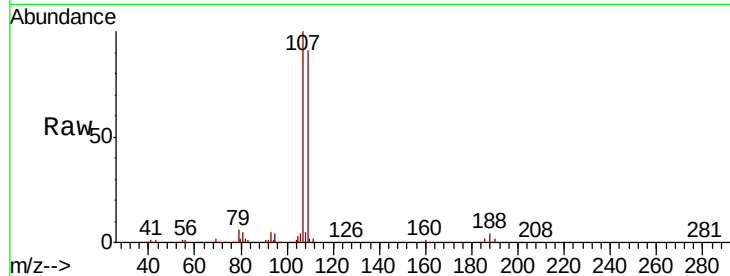




#61
 1,2-Dibromoethane
 Concen: 66.718 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

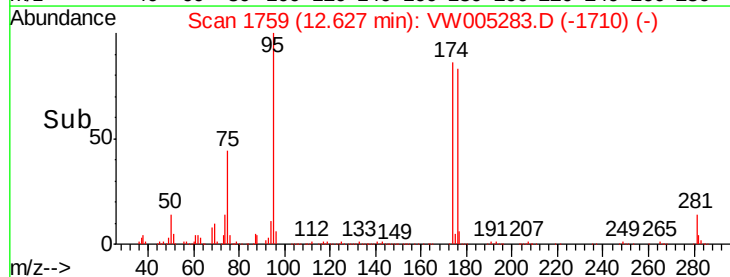
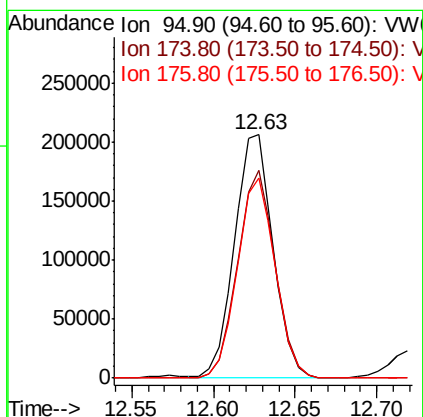
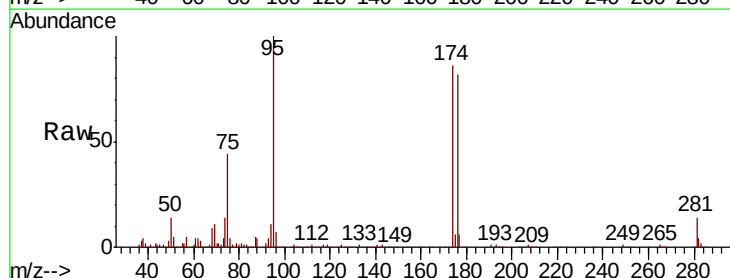
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

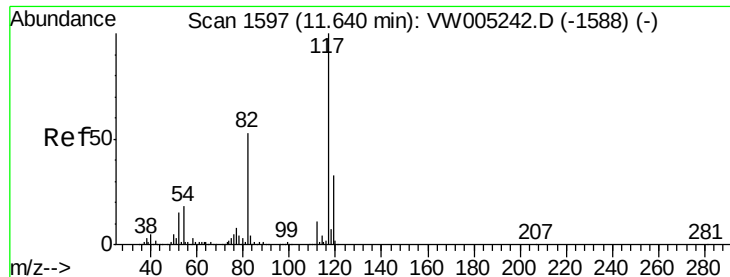
Tgt Ion: 107 Resp: 192108
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 56.255 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 95 Resp: 337758
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 174.6
 176 81.2 0.0 167.6

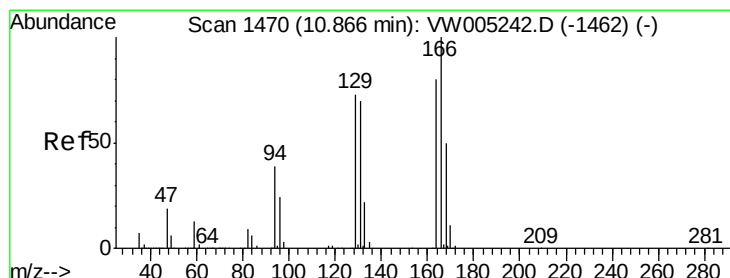
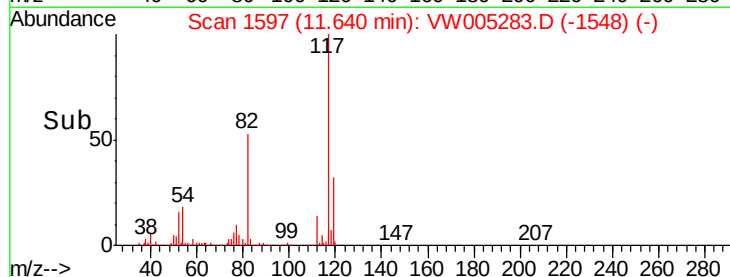
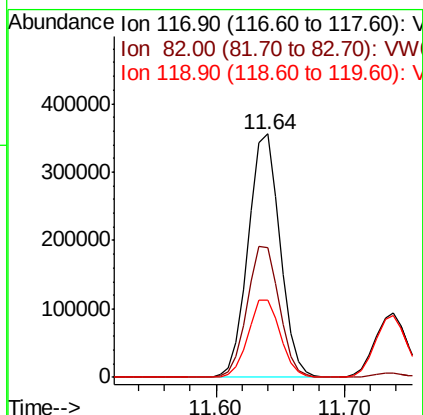
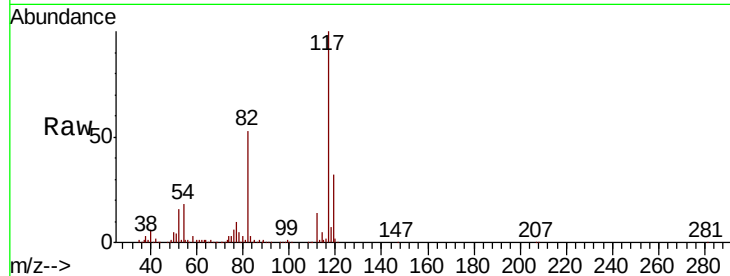




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

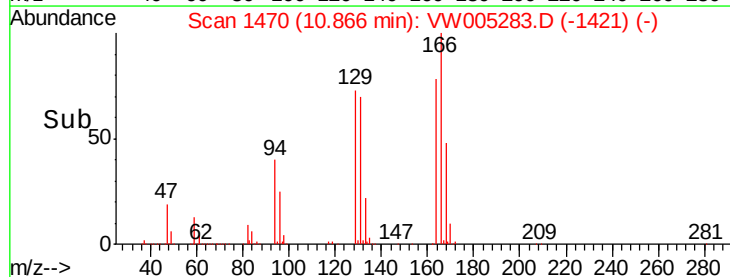
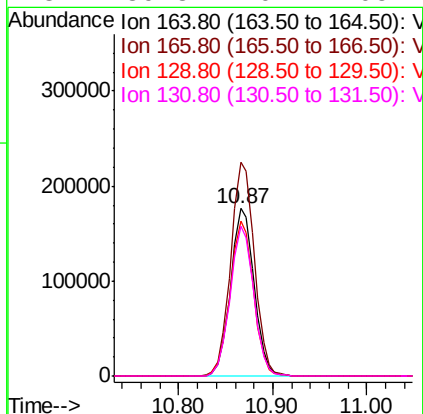
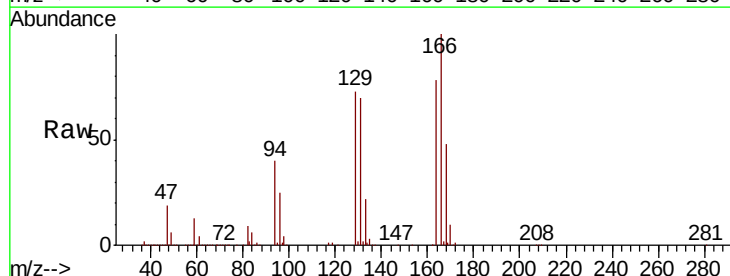
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

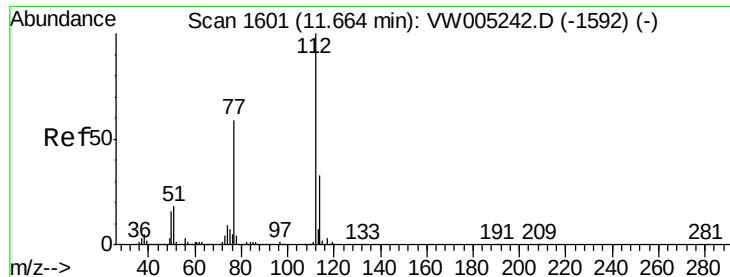
Tgt Ion:117 Resp: 605931
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 31.6 26.2 39.4



#64
Tetrachloroethene
Concen: 67.859 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion:164 Resp: 305058
Ion Ratio Lower Upper
164 100
166 127.6 100.2 150.2
129 92.8 73.2 109.8
131 89.8 70.2 105.4

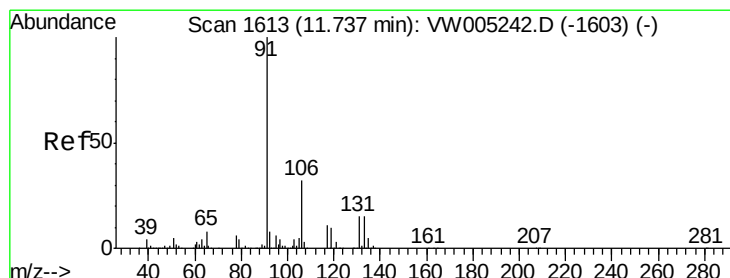
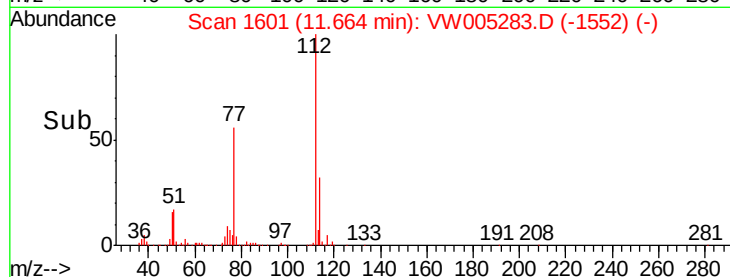
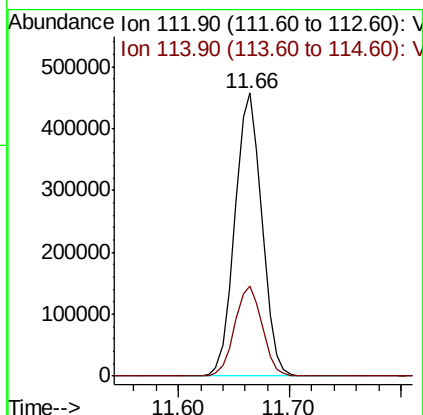
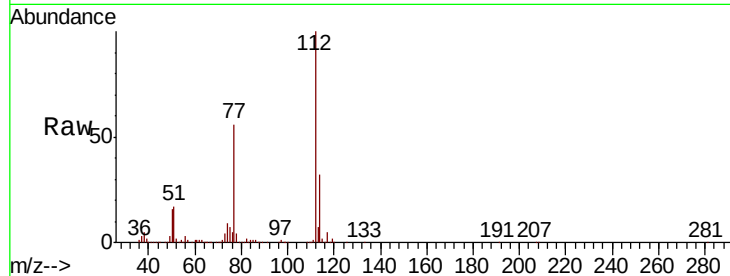




#65
Chlorobenzene
Concen: 57.874 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

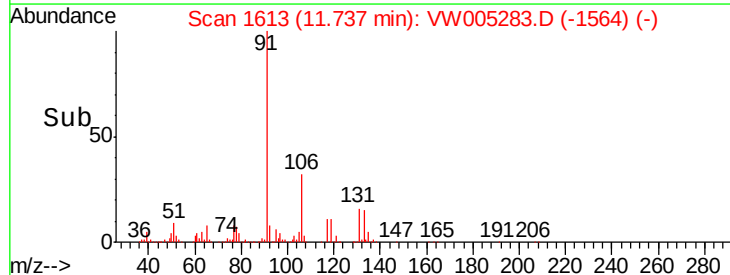
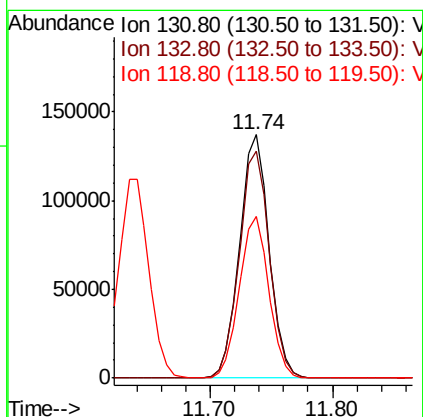
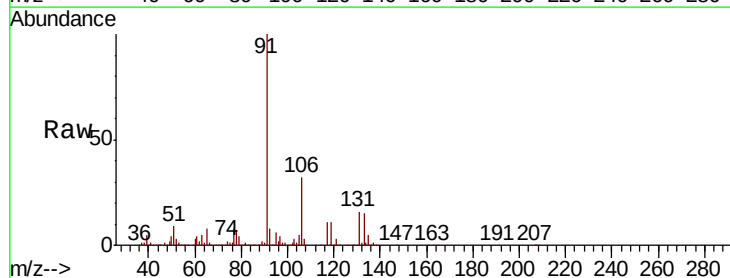
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

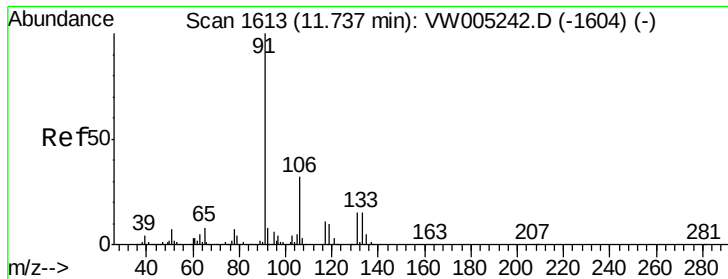
Tgt Ion:112 Resp: 768198
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.884 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion:131 Resp: 229410
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 66.7 33.4 100.1

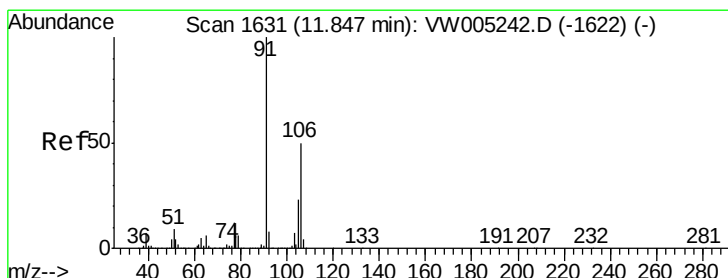
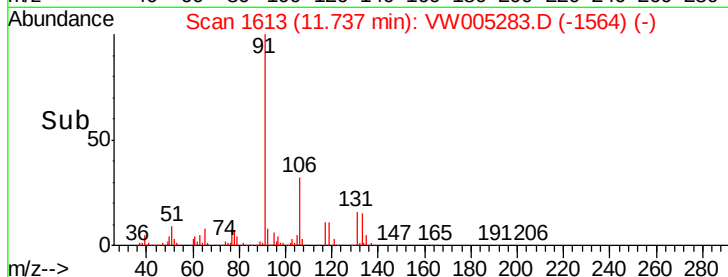
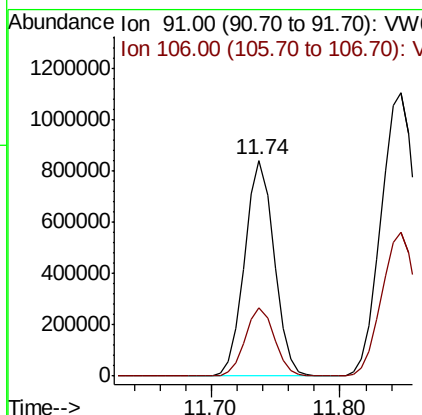
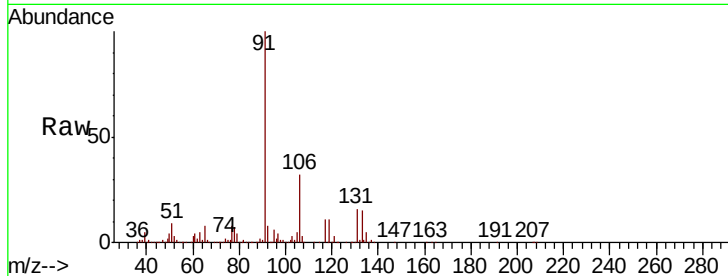




#67
Ethyl Benzene
Concen: 57.603 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

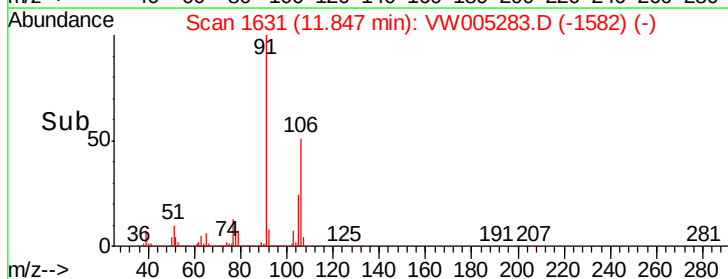
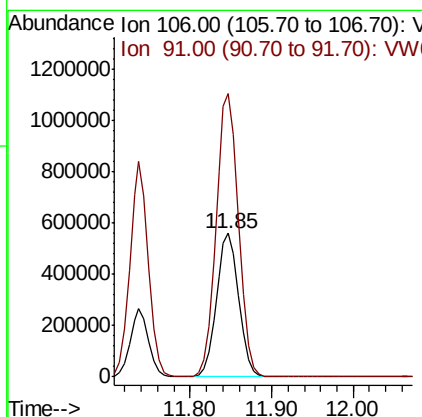
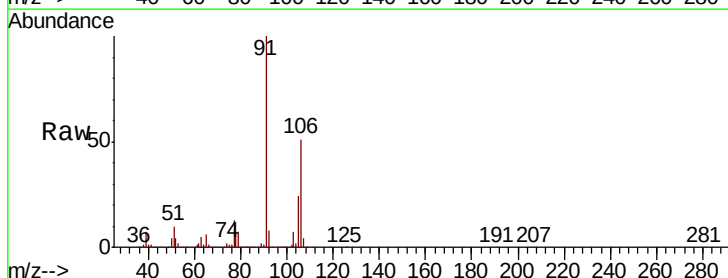
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

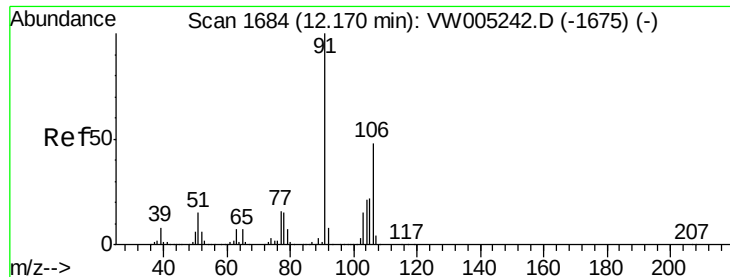
Tgt Ion: 91 Resp: 1331557
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 113.634 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion: 106 Resp: 1058521
Ion Ratio Lower Upper
106 100
91 198.8 160.2 240.2

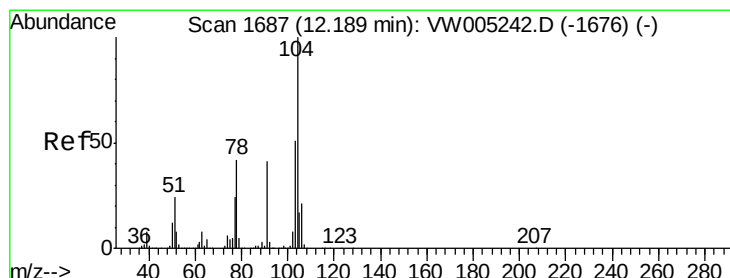
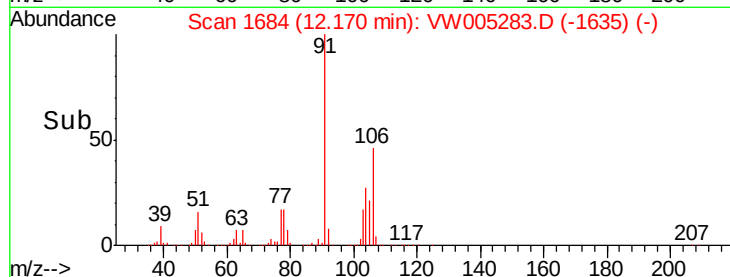
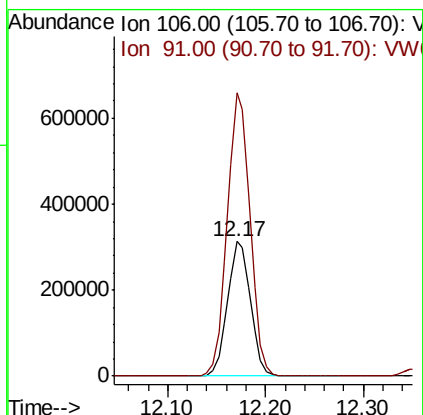
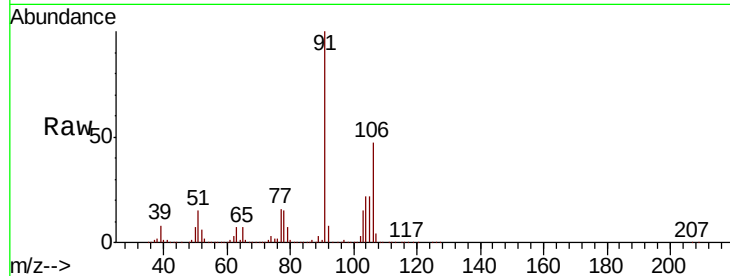




#69
o-Xylene
Concen: 58.566 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

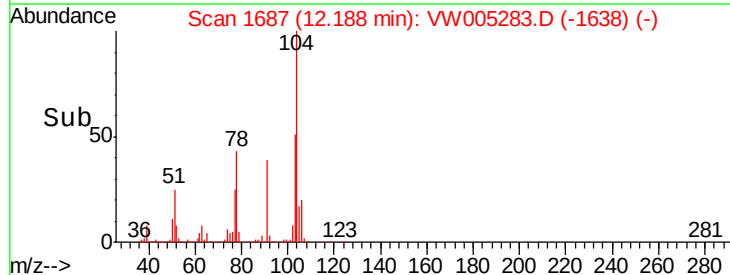
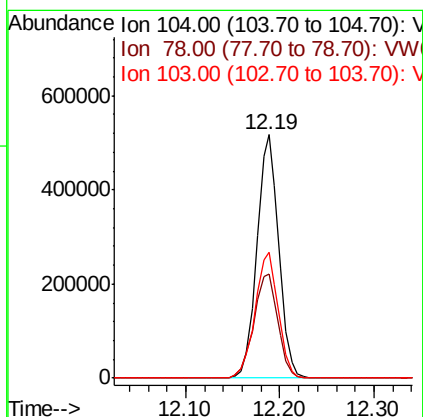
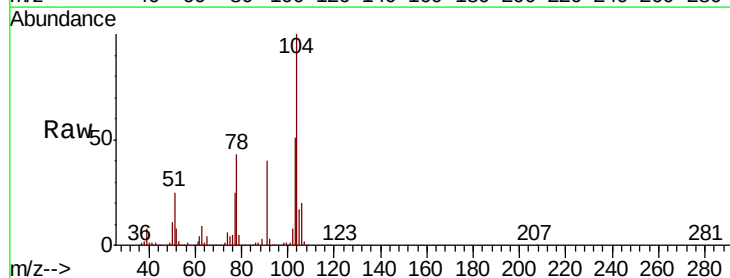
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

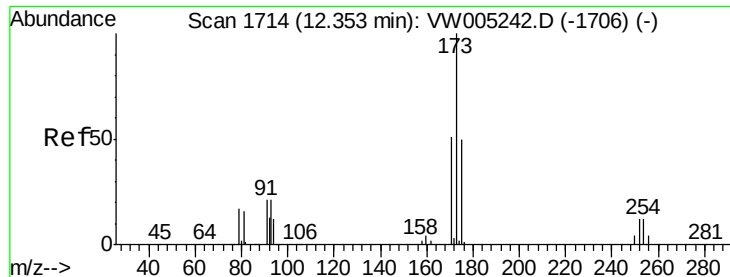
Tgt Ion:106 Resp: 507571
Ion Ratio Lower Upper
106 100
91 209.6 104.1 312.3



#70
Styrene
Concen: 59.501 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion:104 Resp: 841435
Ion Ratio Lower Upper
104 100
78 47.7 37.4 56.2
103 55.2 44.1 66.1

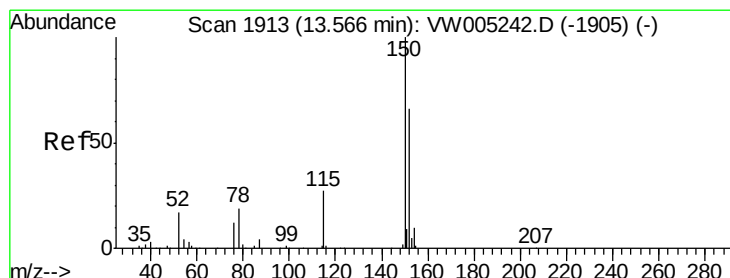
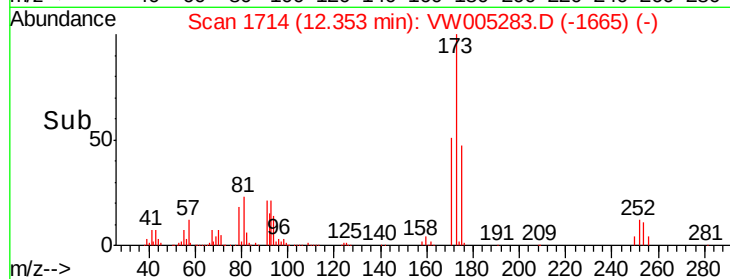
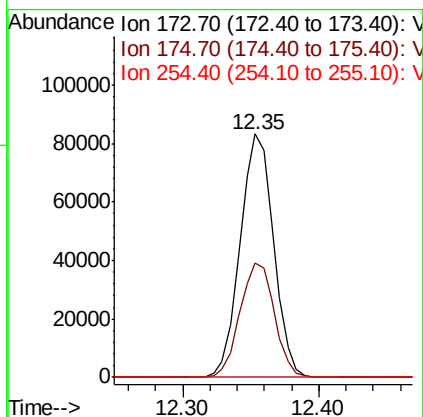
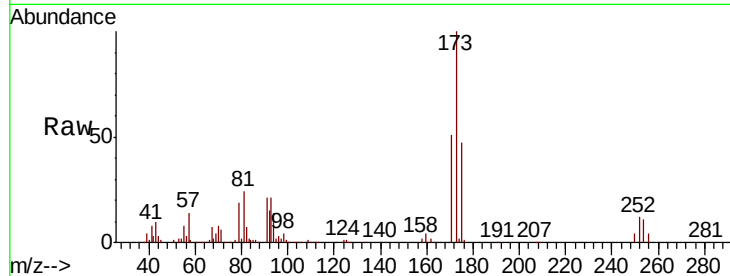




#71
Bromoform
Concen: 66.582 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

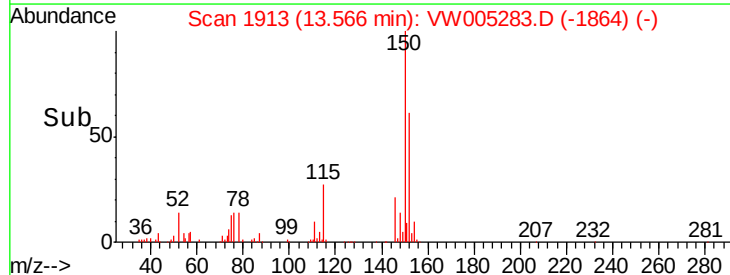
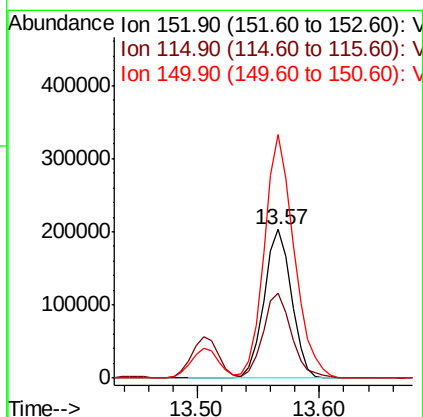
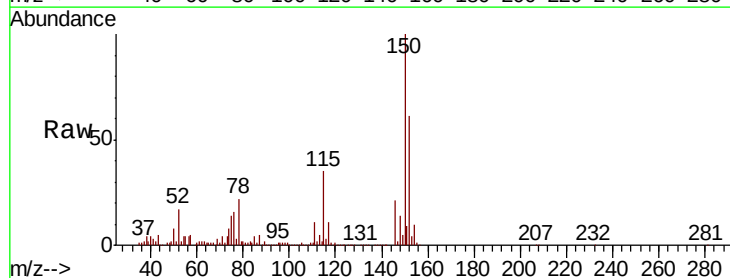
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

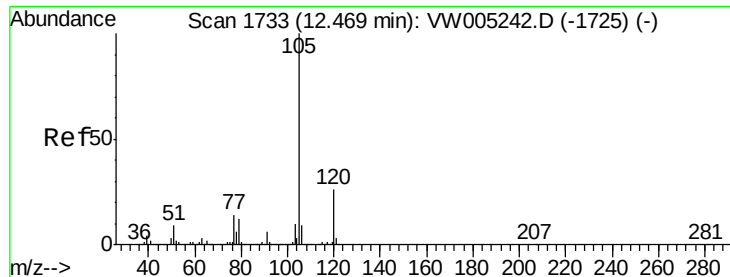
Tgt Ion:173 Resp: 143077
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion:152 Resp: 317417
Ion Ratio Lower Upper
152 100
115 59.4 27.5 82.4
150 177.3 0.0 347.4





#73

Isopropylbenzene

Concen: 59.338 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

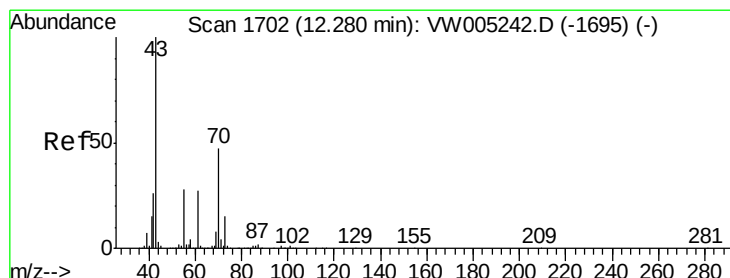
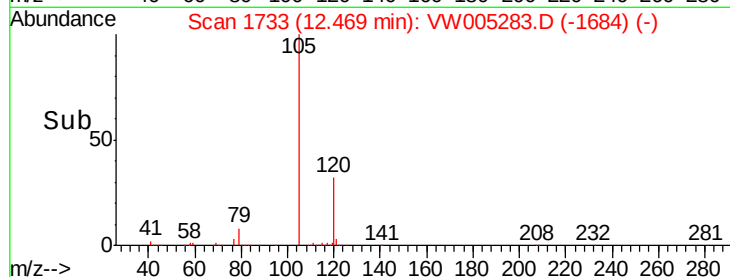
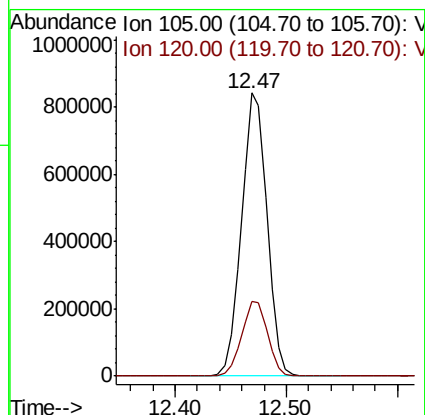
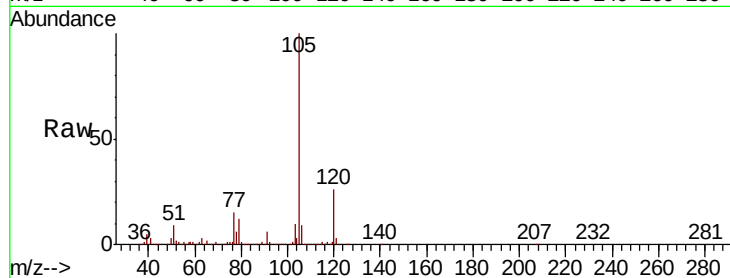
ENY-SB-02-61.0-61.5MSD

Tgt Ion:105 Resp: 1330780

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 91.371 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion: 43 Resp: 389882

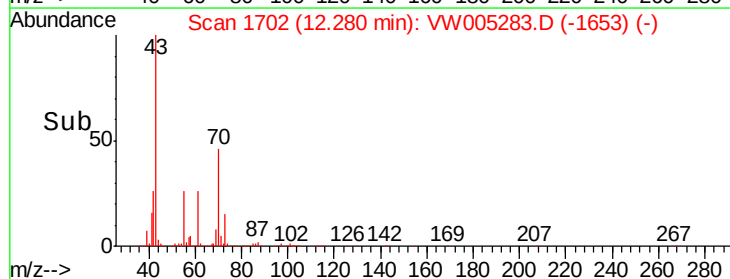
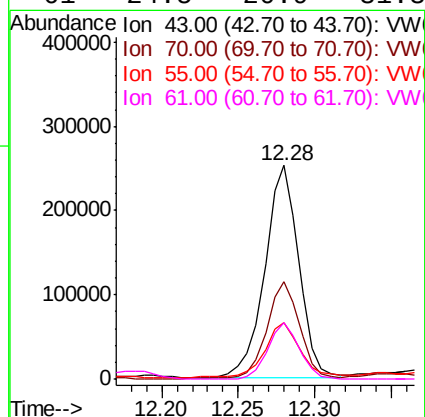
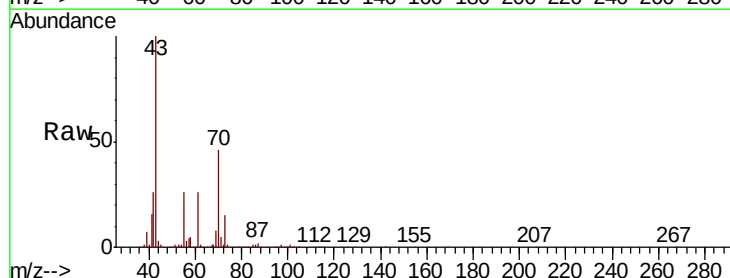
Ion Ratio Lower Upper

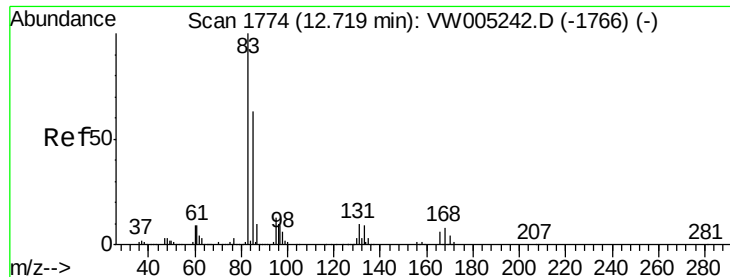
43 100

70 44.2 37.9 56.9

55 27.4 22.6 33.8

61 24.5 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 76.269 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

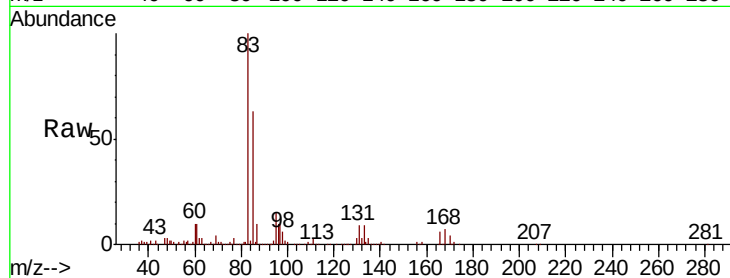
Tgt Ion: 83 Resp: 257065

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.4

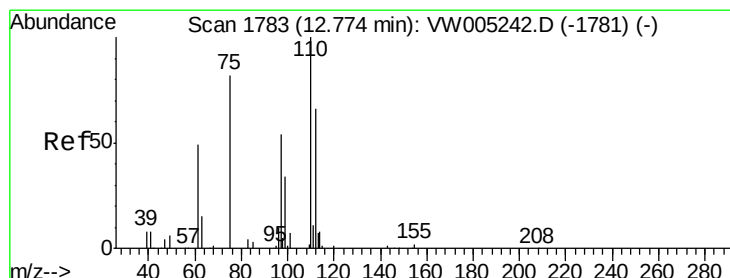
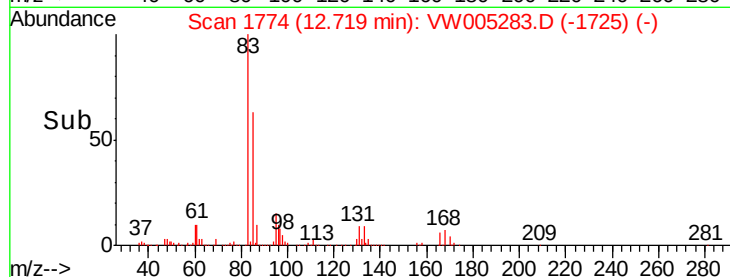
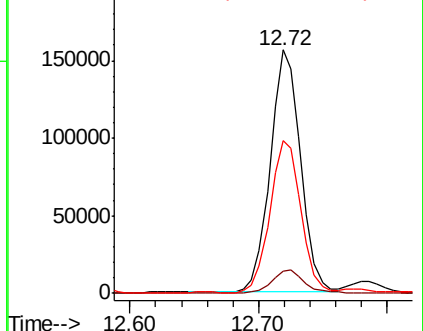
85 63.6 31.6 95.0



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: 140.049 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005283.D

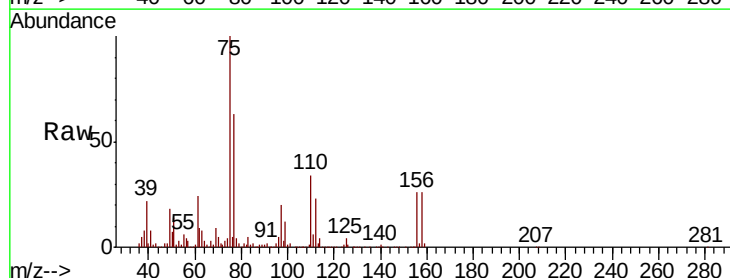
Acq: 11 Sep 2018 18:26

Tgt Ion: 75 Resp: 341917

Ion Ratio Lower Upper

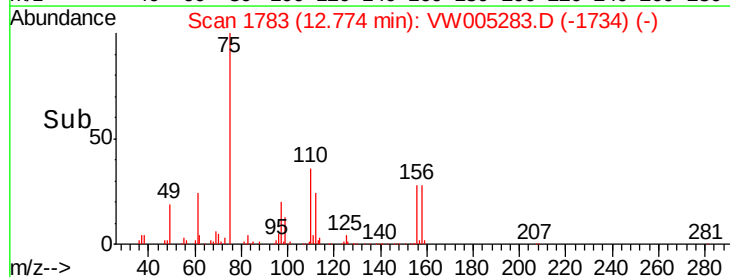
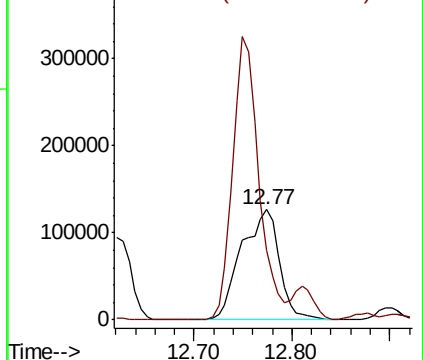
75 100

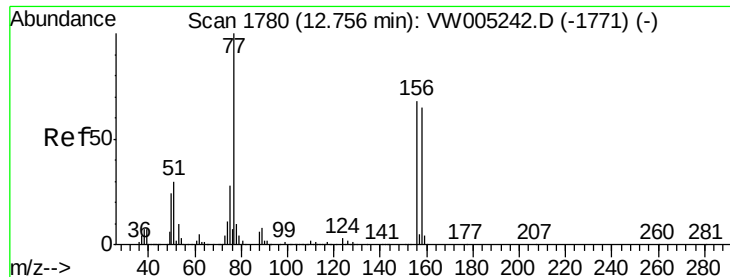
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 61.524 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

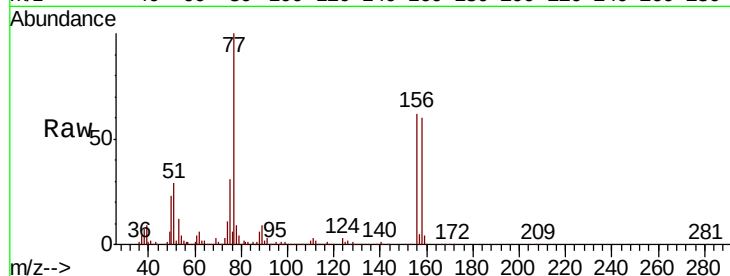
Tgt Ion: 156 Resp: 325066

Ion Ratio Lower Upper

156 100

77 185.8 86.3 258.8

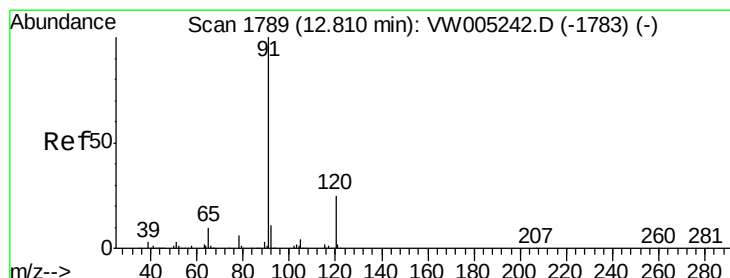
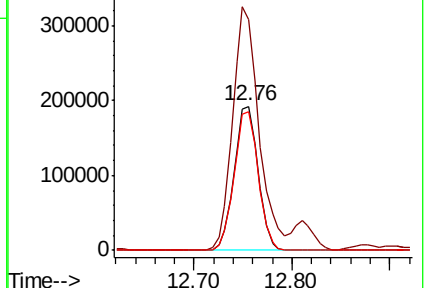
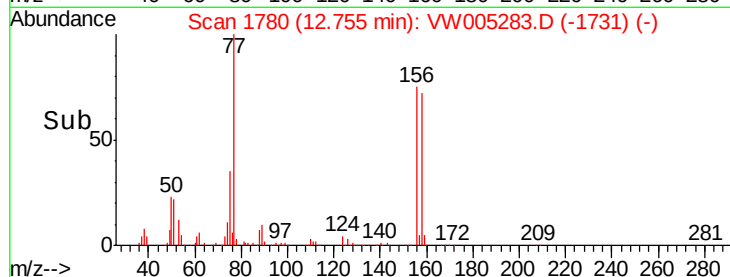
158 97.2 48.6 145.8



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: 60.131 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005283.D

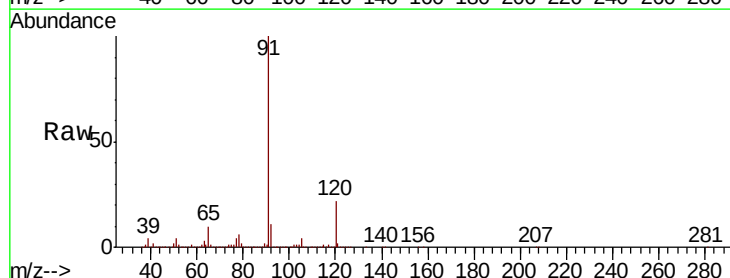
Acq: 11 Sep 2018 18:26

Tgt Ion: 91 Resp: 1619640

Ion Ratio Lower Upper

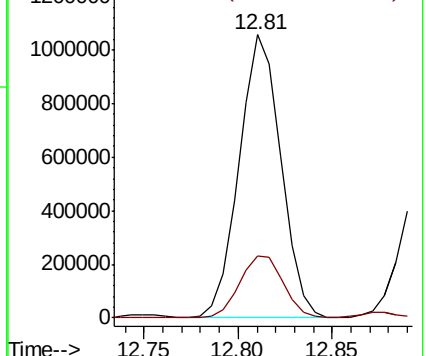
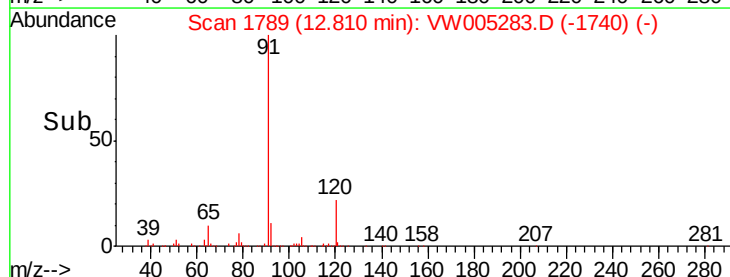
91 100

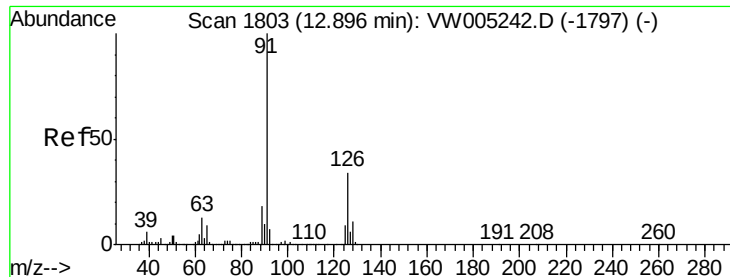
120 23.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 60.167 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

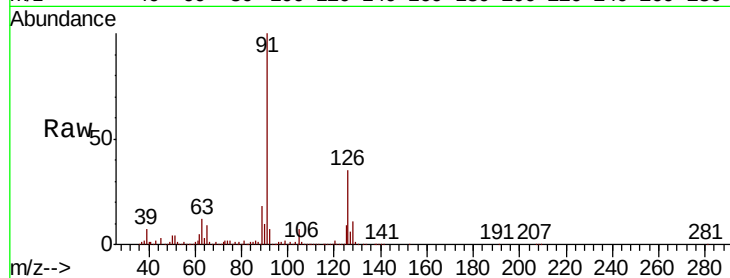
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 91 Resp: 929355

Ion Ratio Lower Upper

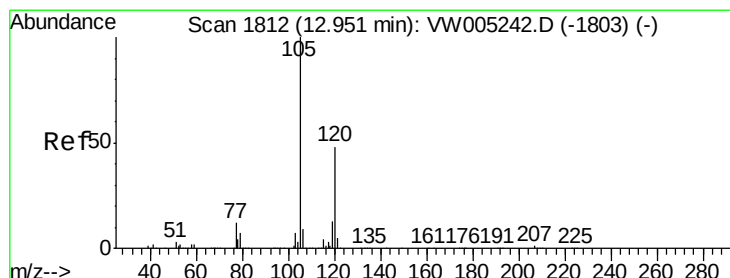
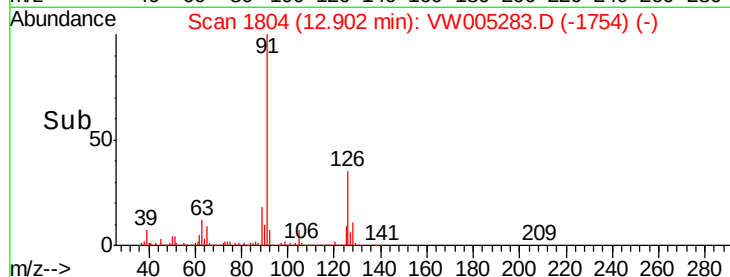
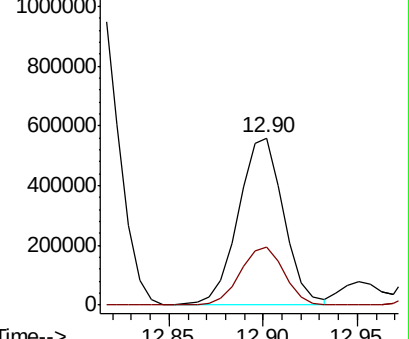
91 100

126 33.8 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 64.341 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005283.D

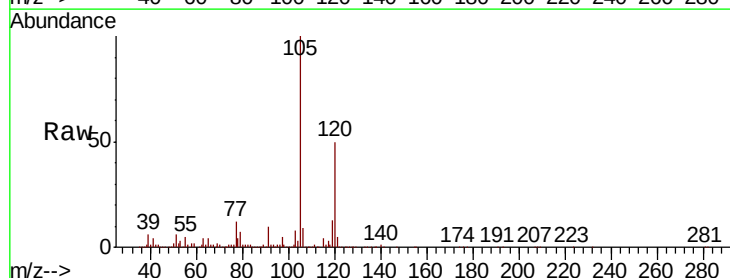
Acq: 11 Sep 2018 18:26

Tgt Ion: 105 Resp: 1228726

Ion Ratio Lower Upper

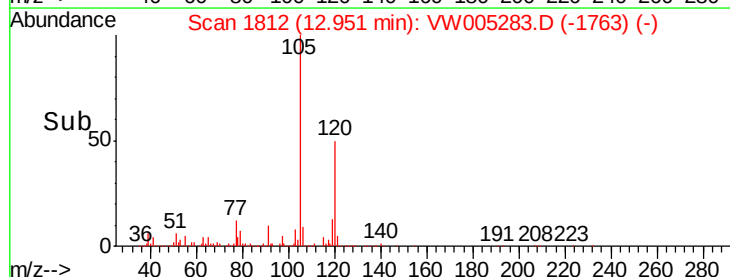
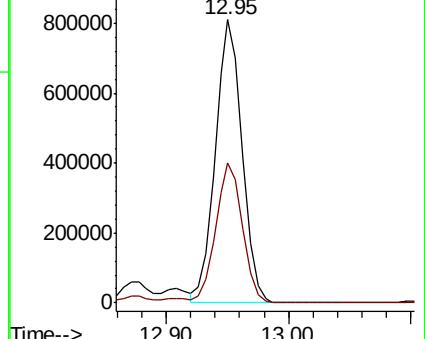
105 100

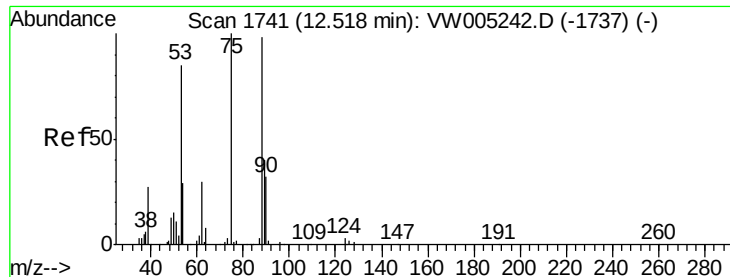
120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 76.030 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

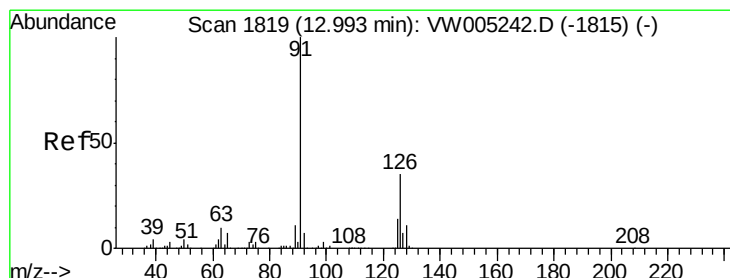
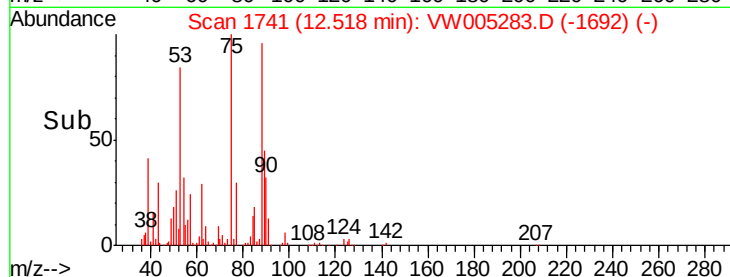
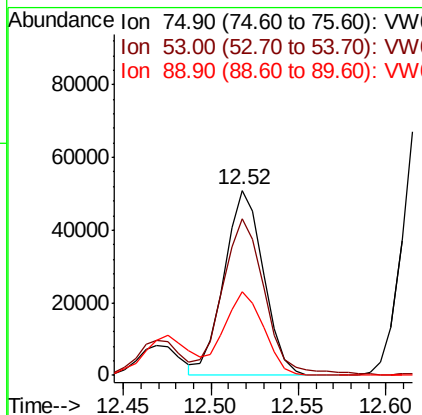
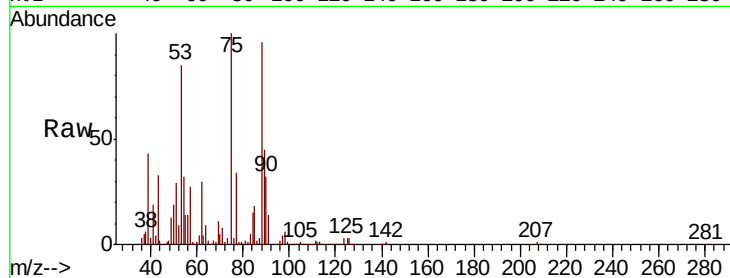
Tgt Ion: 75 Resp: 79148

Ion Ratio Lower Upper

75 100

53 90.6 67.0 100.6

89 46.2 37.0 55.4



#82

4-Chlorotoluene

Concen: 58.646 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005283.D

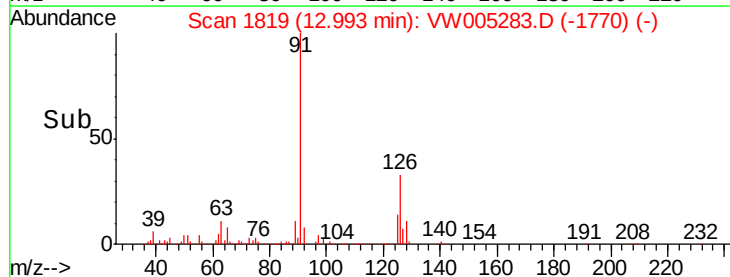
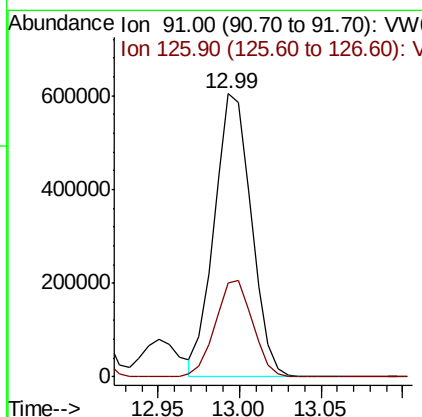
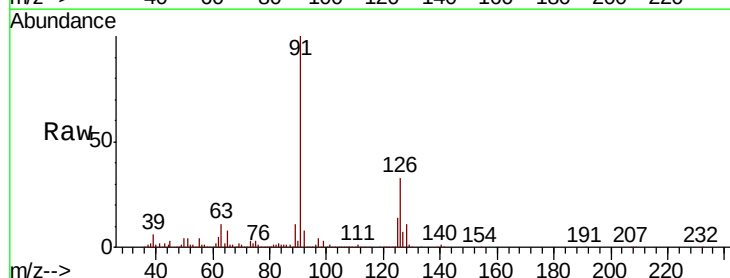
Acq: 11 Sep 2018 18:26

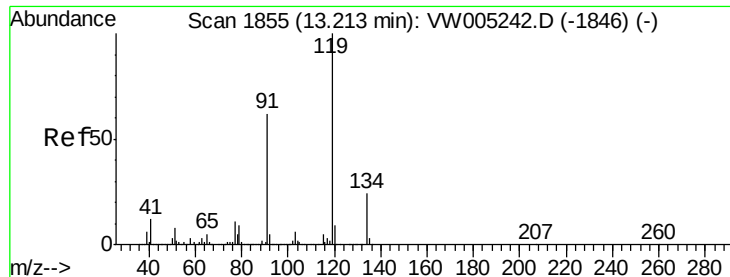
Tgt Ion: 91 Resp: 952147

Ion Ratio Lower Upper

91 100

126 34.5 17.5 52.5





#83

tert-Butylbenzene

Concen: 56.311 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

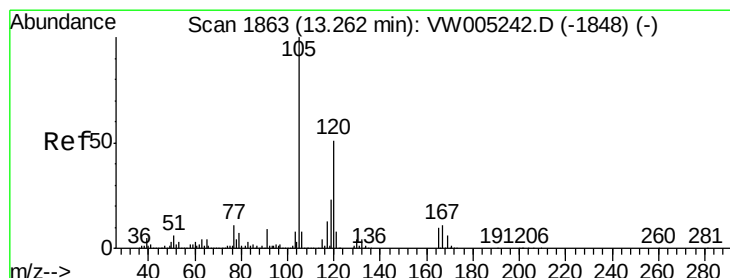
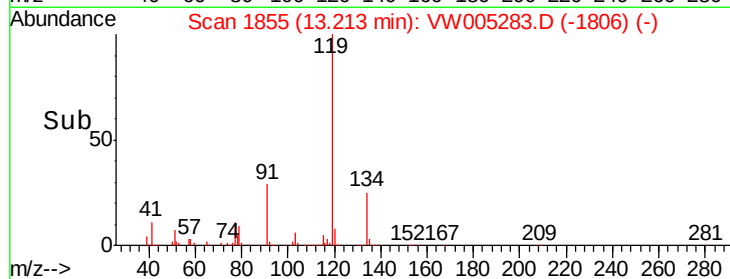
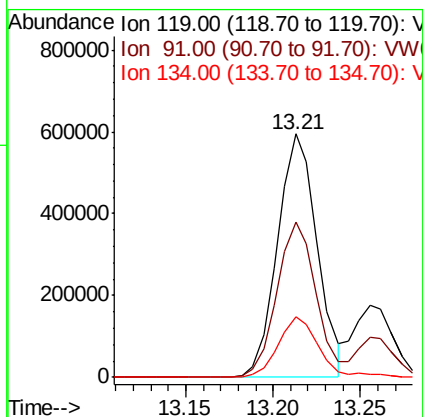
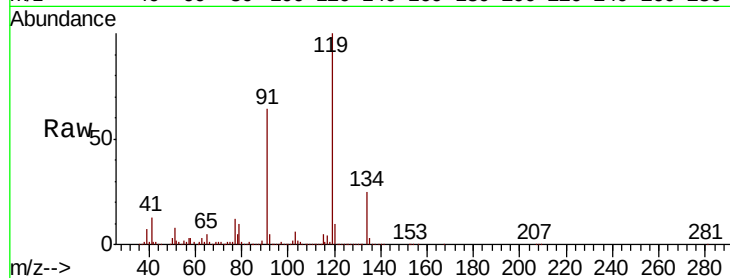
Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tgt Ion:	119	Resp:	940530
Ion	Ratio	Lower	Upper
119	100		
91	64.1	31.7	95.1
134	25.6	13.0	38.9



#84

1,2,4-Trimethylbenzene

Concen: 82.561 ug/l

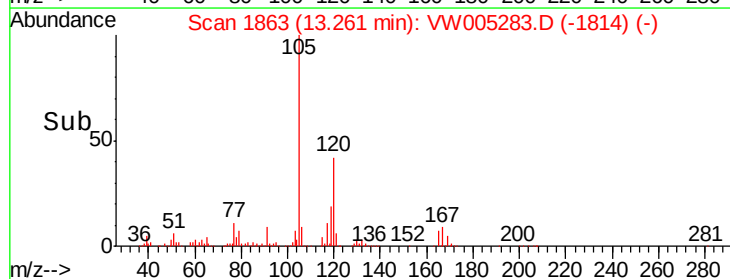
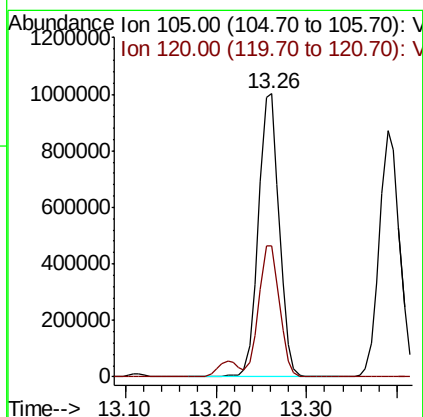
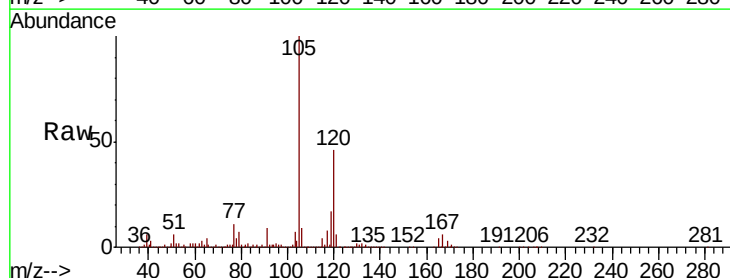
RT: 13.26 min Scan# 1863

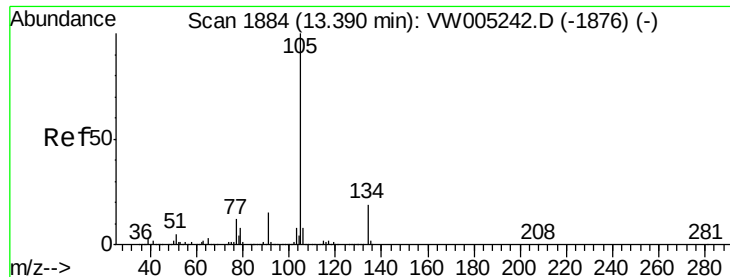
Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	105	Resp:	1584396
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 56.080 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

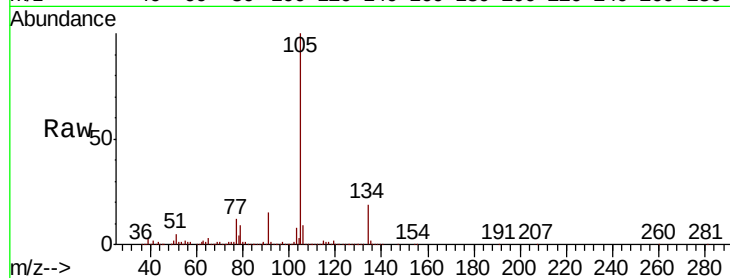
ENY-SB-02-61.0-61.5MSD

Tgt Ion:105 Resp: 1346137

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1000000

800000

600000

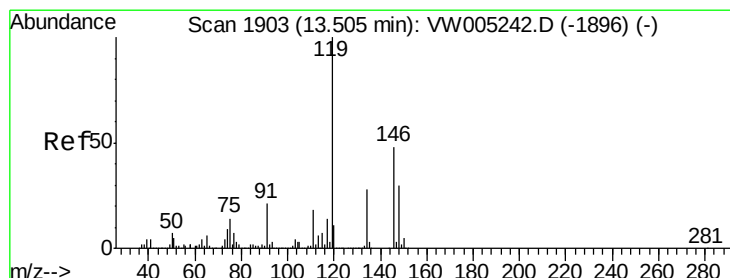
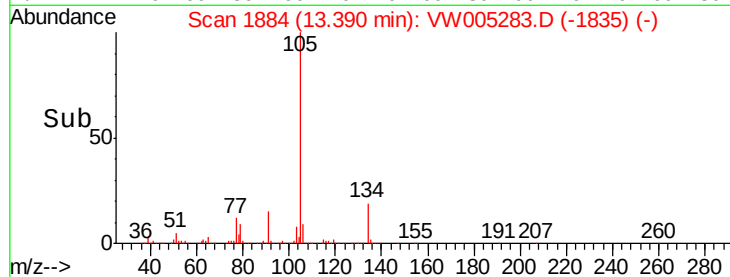
400000

200000

0

13.39

Time-->



#86

p-Isopropyltoluene

Concen: 56.524 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

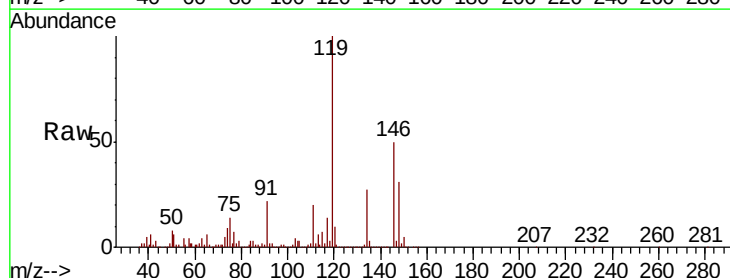
Tgt Ion:119 Resp: 1201109

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 22.0 10.7 32.1



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

1000000

800000

600000

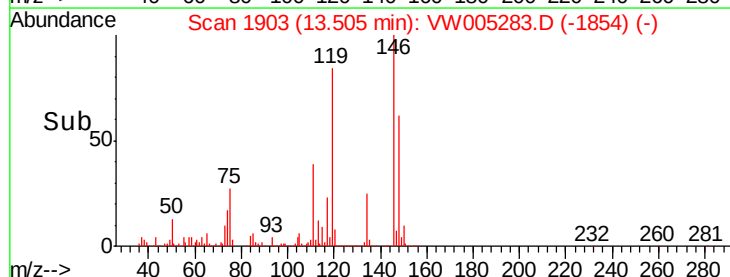
400000

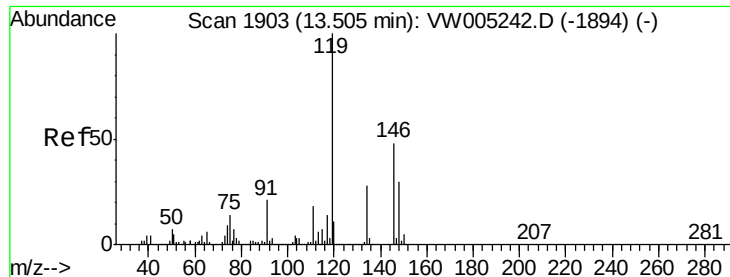
200000

0

13.51

Time-->

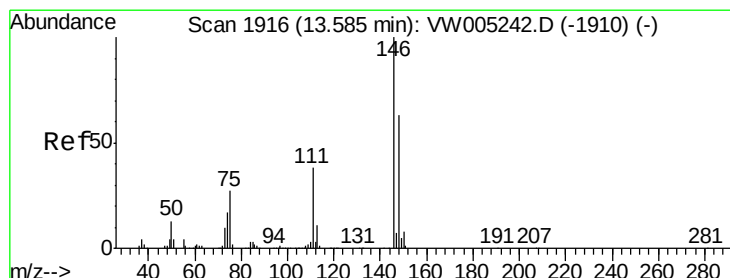
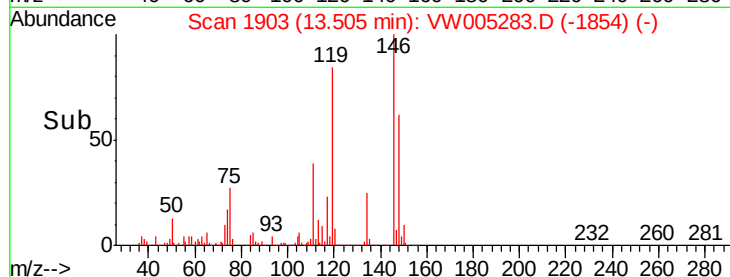
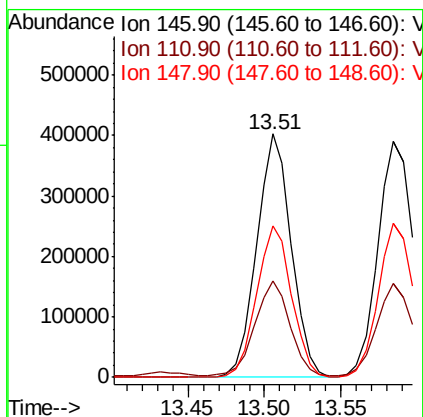
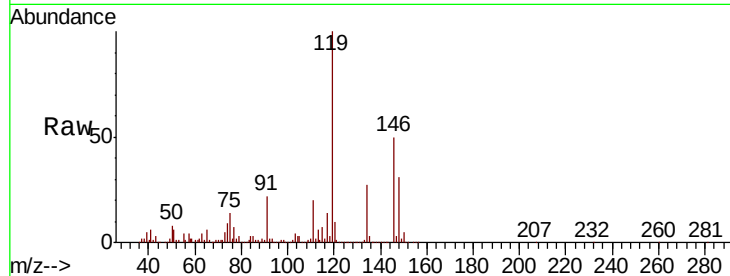




#87
 1,3-Dichlorobenzene
 Concen: 56.934 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

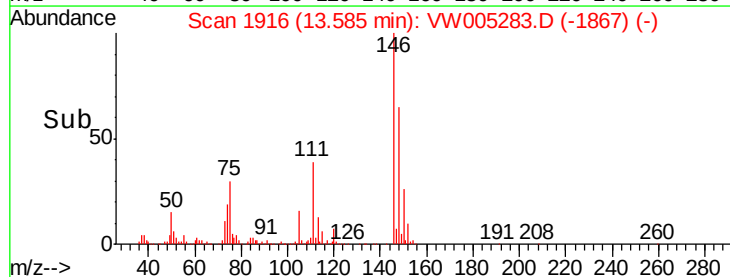
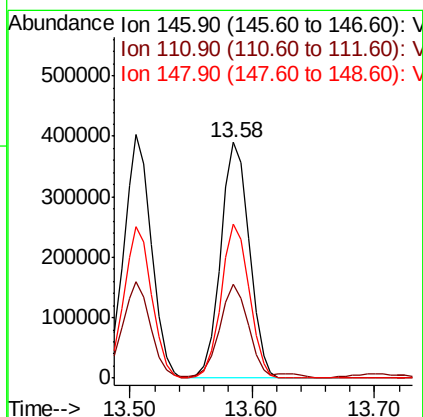
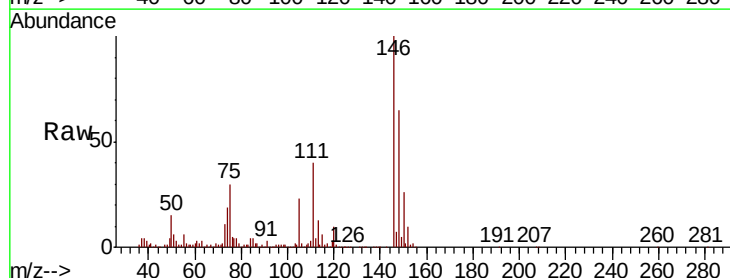
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

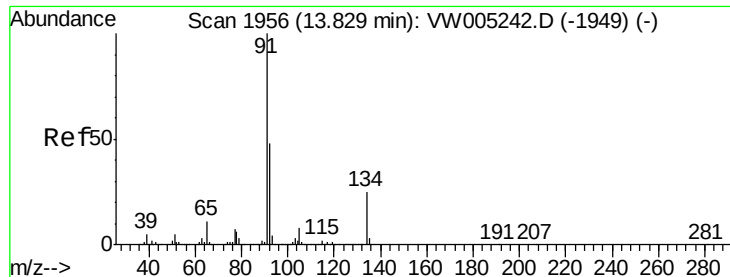
Tgt Ion:146 Resp: 631643
 Ion Ratio Lower Upper
 146 100
 111 39.4 18.8 56.3
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 57.713 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion:146 Resp: 628878
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.1 57.3
 148 64.1 32.3 96.9





#89

n-Butylbenzene

Concen: 56.358 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

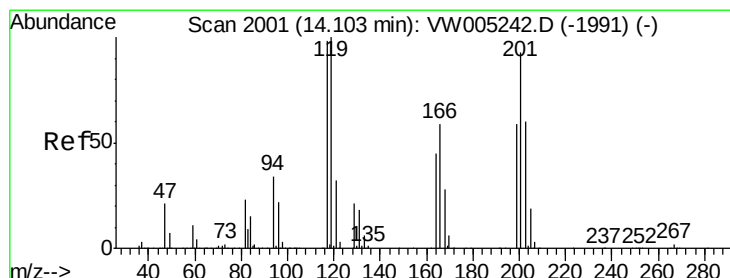
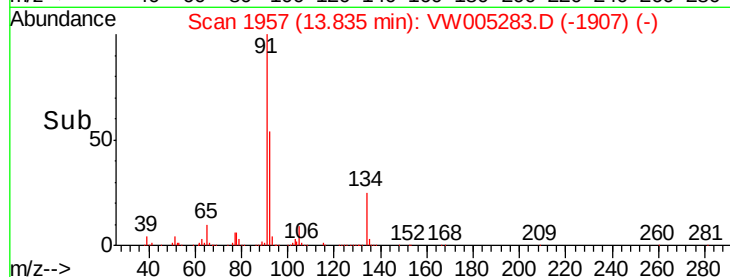
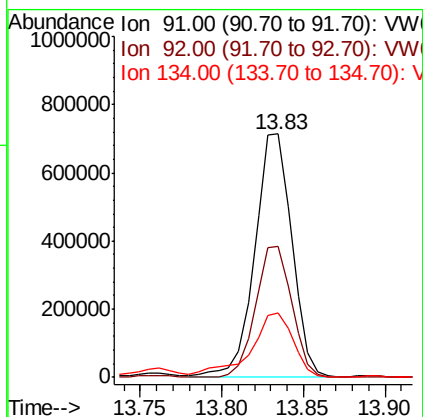
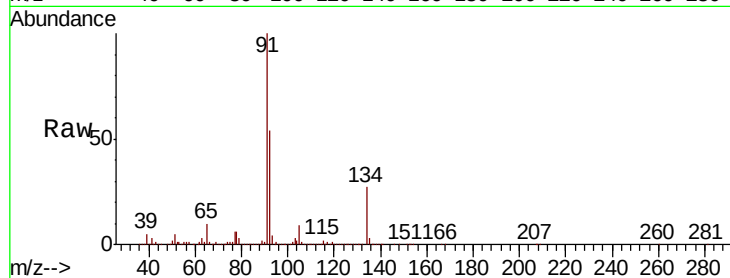
Tgt Ion: 91 Resp: 1125788

Ion Ratio Lower Upper

91 100

92 52.8 25.8 77.3

134 30.6 13.6 40.8



#90

Hexachloroethane

Concen: 55.005 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005283.D

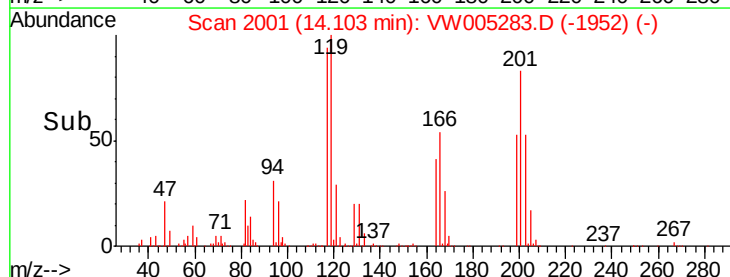
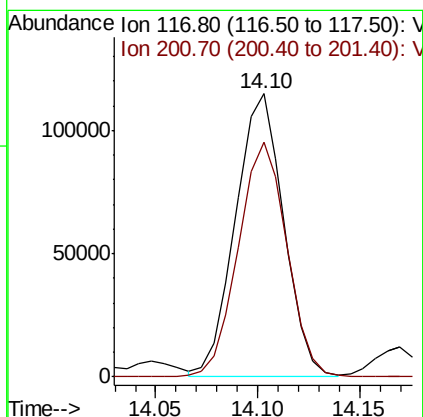
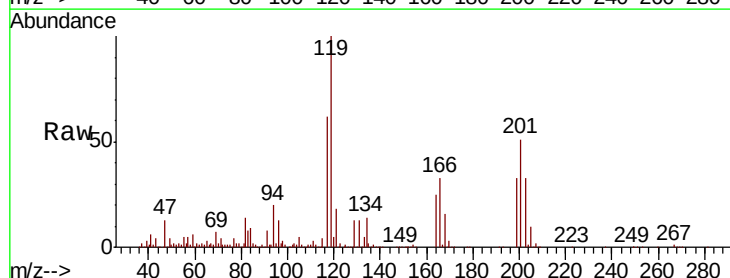
Acq: 11 Sep 2018 18:26

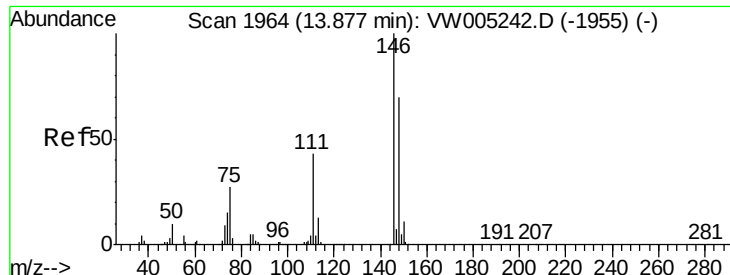
Tgt Ion: 117 Resp: 187261

Ion Ratio Lower Upper

117 100

201 84.0 44.0 132.1

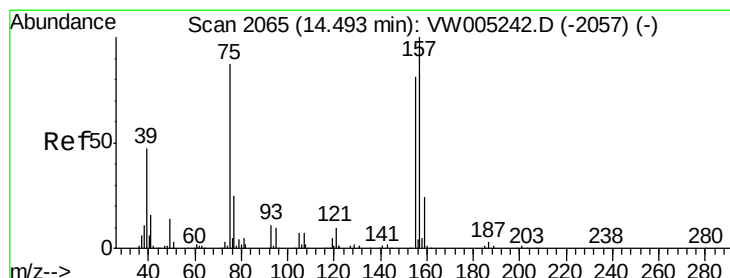
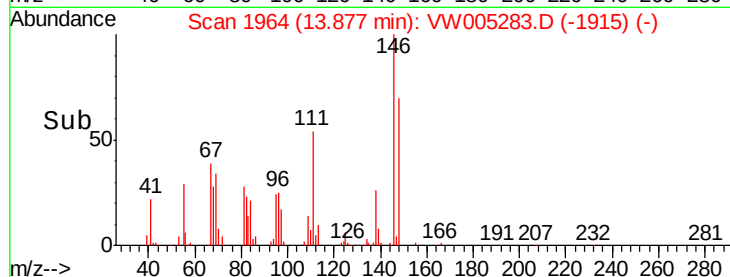
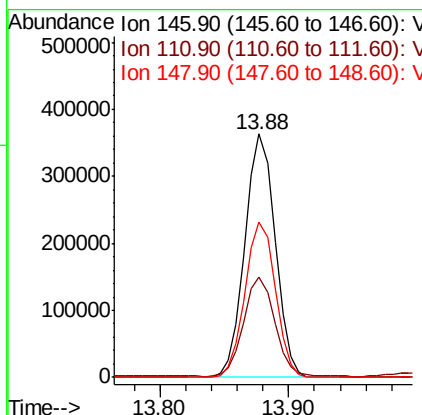
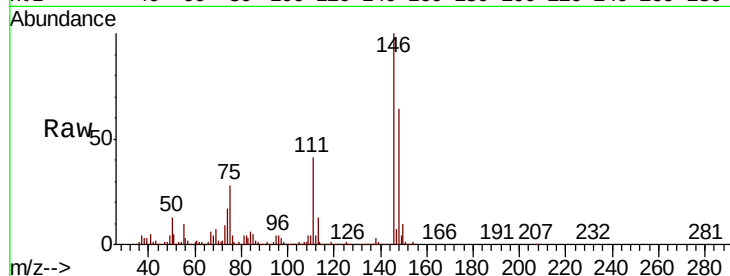




#91
 1,2-Dichlorobenzene
 Concen: 60.455 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

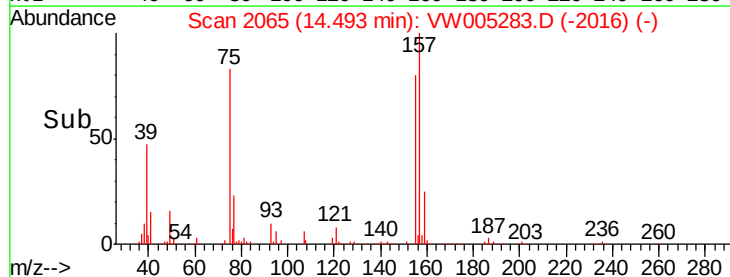
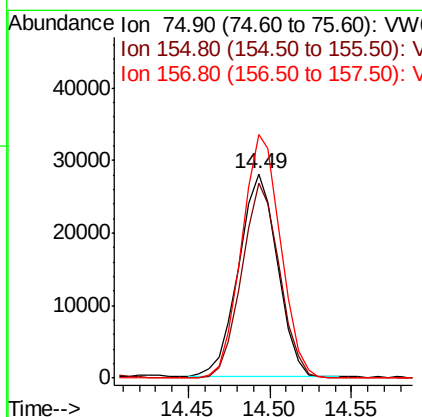
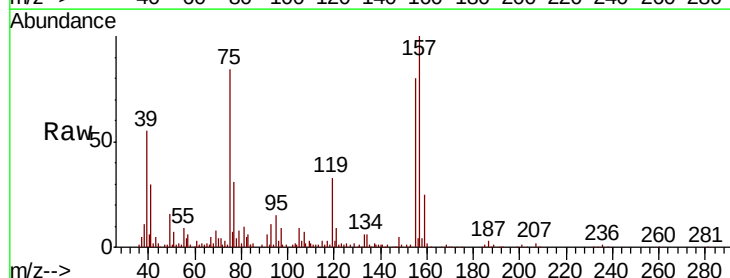
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

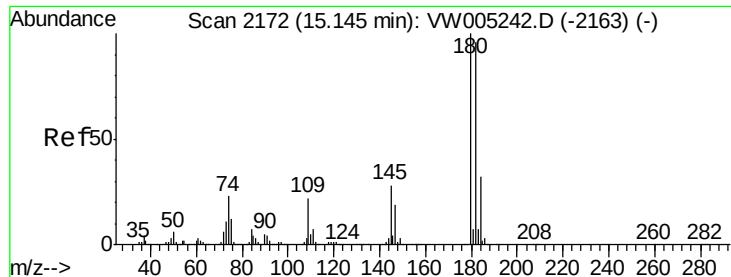
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.5	61.5
148	64.0	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 82.845 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	47.4	142.2
157	120.0	59.4	178.2

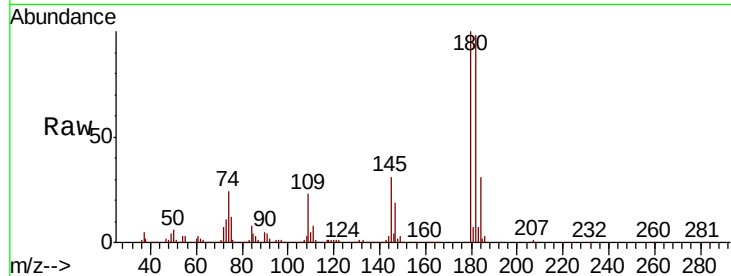




#93
 1,2,4-Trichlorobenzene
 Concen: 53.763 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.1	144.4
145	31.0	14.5	43.6

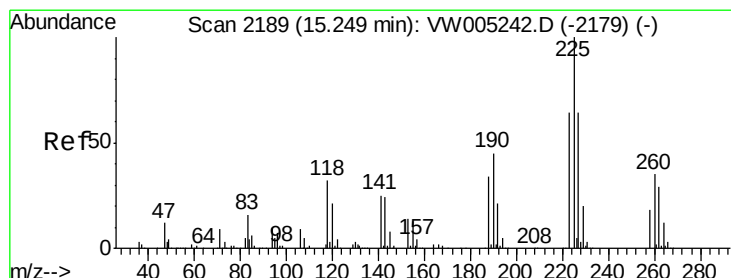
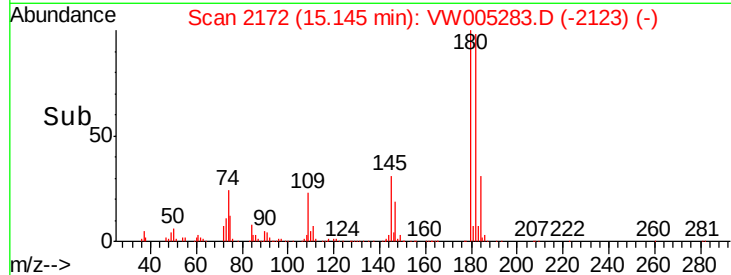
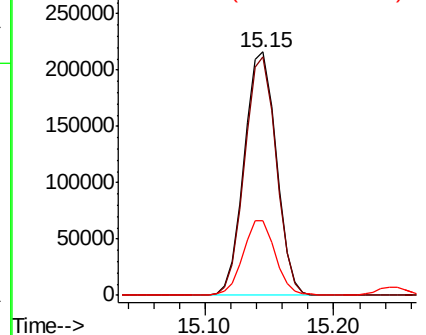


Abundance

Ion 179.80 (179.50 to 180.50): V

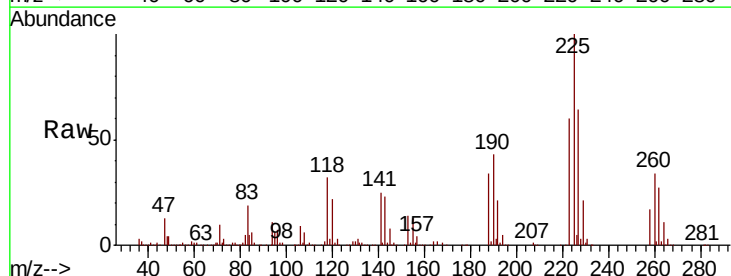
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 33.061 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.4	94.2
227	64.2	32.0	96.0

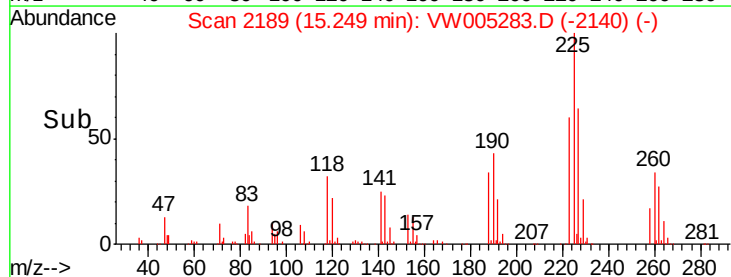
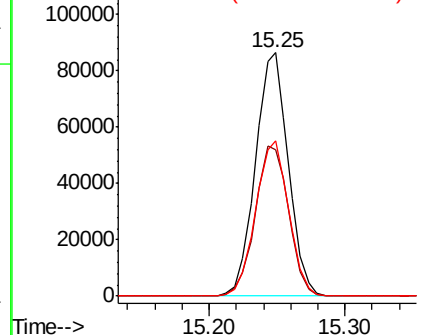


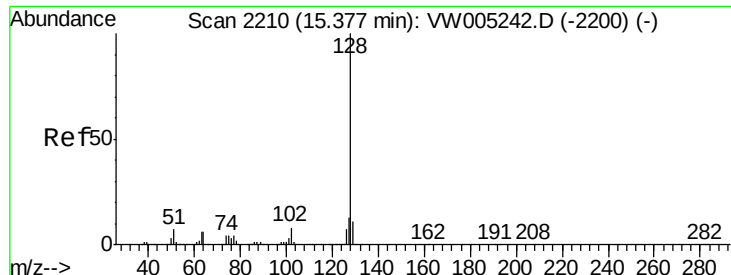
Abundance

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

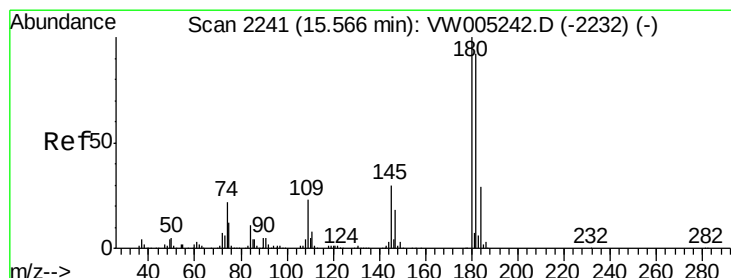
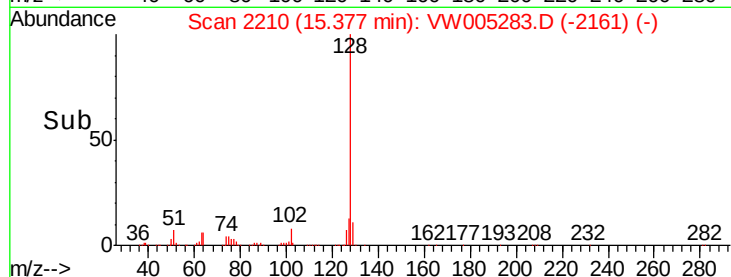
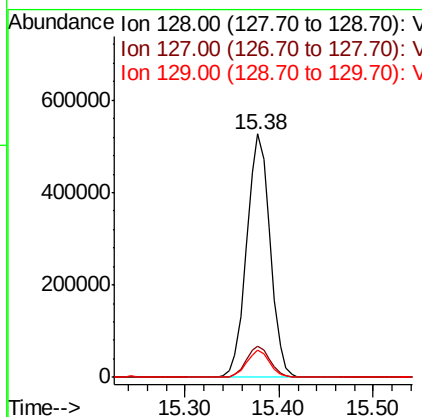
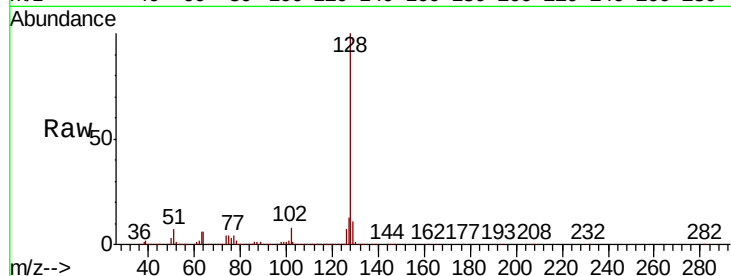




#95
Naphthalene
Concen: 81.919 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.403 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	31.6	15.2	45.6

