

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006639.D
 Acq On : 05 Nov 2018 16:32
 Operator : SY/AP
 Sample : J5696-03MSD
 Misc : 4.88G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Quant Time: Nov 06 01:57:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	243667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	55120	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	86874	58.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.74%	
35) Dibromofluoromethane	7.88	113	89146	58.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.60%	
50) Toluene-d8	10.33	98	271599	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.62	95	65742	31.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	53361	59.452	ug/l	100
3) Chloromethane	2.21	50	67931	61.170	ug/l	99
4) Vinyl Chloride	2.37	62	99363	64.079	ug/l	97
5) Bromomethane	2.79	94	64276	49.393	ug/l	99
6) Chloroethane	2.93	64	71361	65.865	ug/l	97
7) Trichlorofluoromethane	3.26	101	86714	63.327	ug/l	93
8) Diethyl Ether	3.68	74	48855	65.269	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78581	53.742	ug/l	100
10) Methyl Iodide	4.27	142	102371	38.613	ug/l	100
11) Tert butyl alcohol	5.23	59	26509	330.585	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	83134	58.866	ug/l	96
13) Acrolein	3.90	56	112	1.111	ug/l #	51
14) Allyl chloride	4.67	41	71763	38.929	ug/l	98
15) Acrylonitrile	5.37	53	61108	227.686	ug/l	99
16) Acetone	4.14	43	55369	230.431	ug/l	97
17) Carbon Disulfide	4.38	76	153031	38.078	ug/l	99
18) Methyl Acetate	4.68	43	90987	131.685	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	151959	72.287	ug/l	99
20) Methylene Chloride	4.91	84	99673	65.909	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	85417	53.451	ug/l	97
22) Diisopropyl ether	6.31	45	250470	65.173	ug/l	98
23) Vinyl Acetate	6.32	43	136210	63.912	ug/l #	70
24) 1,1-Dichloroethane	6.21	63	163718	62.856	ug/l	99
25) 2-Butanone	7.18	43	75751	220.928	ug/l	98
26) 2,2-Dichloropropane	7.17	77	98919	63.046	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	99078	55.418	ug/l	100
28) Bromochloromethane	7.51	49	57608	55.700	ug/l	98
29) Tetrahydrofuran	7.54	42	74459	345.259	ug/l	99
30) Chloroform	7.68	83	172822	60.519	ug/l	98
31) Cyclohexane	7.96	56	88185	37.199	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	142929	59.149	ug/l	99
36) 1,1-Dichloropropene	8.09	75	107975	50.389	ug/l	100
37) Ethyl Acetate	7.26	43	5670	7.636	ug/l #	73
38) Carbon Tetrachloride	8.07	117	124421	55.568	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006639.D
 Acq On : 05 Nov 2018 16:32
 Operator : SY/AP
 Sample : J5696-03MSD
 Misc : 4.88G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Quant Time: Nov 06 01:57:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69306	25.487	ug/l	99
40) Benzene	8.33	78	352933	57.987	ug/l	98
41) Methacrylonitrile	7.49	41	19390	42.583	ug/l	95
42) 1,2-Dichloroethane	8.40	62	108554	62.191	ug/l	100
43) Isopropyl Acetate	8.43	43	18602	12.554	ug/l #	59
44) Trichloroethene	9.09	130	91397	48.663	ug/l	98
45) 1,2-Dichloropropane	9.37	63	85895	60.642	ug/l	99
46) Dibromomethane	9.46	93	48824	58.639	ug/l	99
47) Bromodichloromethane	9.65	83	112107	57.988	ug/l	98
48) Methyl methacrylate	9.44	41	40997	57.425	ug/l	98
49) 1,4-Dioxane	9.48	88	14975	1228.938	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	226057	297.041	ug/l	100
52) Toluene	10.39	92	196014	48.016	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	87866	47.224	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	98993	45.023	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	69525	58.851	ug/l	99
56) Ethyl methacrylate	10.65	69	13951	10.390	ug/l #	79
57) 1,3-Dichloropropane	10.93	76	108731	56.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	153091	234.543	ug/l	99
59) 2-Hexanone	10.98	43	106094	205.257	ug/l	99
60) Dibromochloromethane	11.13	129	75507	53.945	ug/l	99
61) 1,2-Dibromoethane	11.24	107	61515	52.435	ug/l	100
64) Tetrachloroethene	10.87	164	63743	47.225	ug/l	97
65) Chlorobenzene	11.66	112	189880	53.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81132	64.782	ug/l	99
67) Ethyl Benzene	11.74	91	297886	50.017	ug/l	99
68) m/p-Xylenes	11.85	106	231208	97.170	ug/l	100
69) o-Xylene	12.17	106	112580	49.699	ug/l	99
70) Styrene	12.19	104	163704	44.326	ug/l	98
71) Bromoform	12.35	173	44572	67.139	ug/l #	98
73) Isopropylbenzene	12.47	105	236364	65.096	ug/l	100
74) N-amyl acetate	12.27	43	1764	2.811	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	65873	114.863	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75372	175.259	ug/l #	100
77) Bromobenzene	12.75	156	72217	76.817	ug/l	95
78) n-propylbenzene	12.81	91	230561	55.205	ug/l	99
79) 2-Chlorotoluene	12.90	91	147962	61.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	169864	55.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12667	74.879	ug/l	99
82) 4-Chlorotoluene	12.99	91	152501	60.139	ug/l	99
83) tert-Butylbenzene	13.21	119	134340	49.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	171702	54.875	ug/l	100
85) sec-Butylbenzene	13.39	105	149167	39.151	ug/l	99
86) p-Isopropyltoluene	13.51	119	128339	37.019	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	93973	50.756	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	95885	52.247	ug/l	99
89) n-Butylbenzene	13.83	91	81840	26.593	ug/l	99
90) Hexachloroethane	14.10	117	22002	38.615	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	88171	52.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9061	97.372	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006639.D
Acq On : 05 Nov 2018 16:32
Operator : SY/AP
Sample : J5696-03MSD
Misc : 4.88G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Quant Time: Nov 06 01:57:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

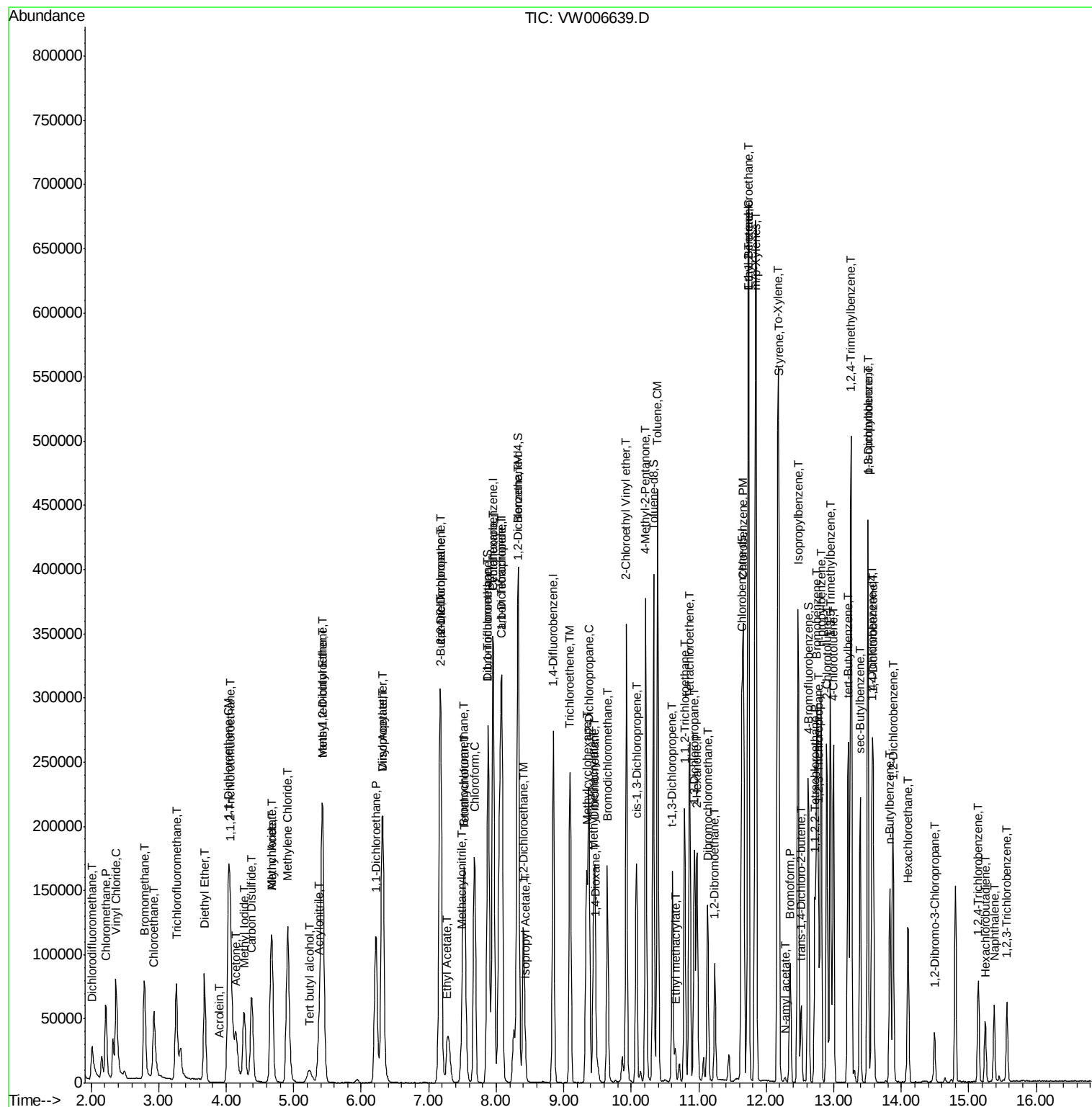
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26992	21.797	ug/l	98
94) Hexachlorobutadiene	15.25	225	10382	13.452	ug/l	98
95) Naphthalene	15.38	128	55436	27.853	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	23610	21.693	ug/l	99

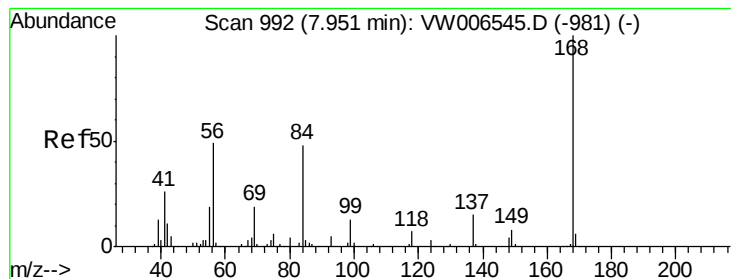
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006639.D
 Acq On : 05 Nov 2018 16:32
 Operator : SY/AP
 Sample : J5696-03MSD
 Misc : 4.88G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Quant Time: Nov 06 01:57:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

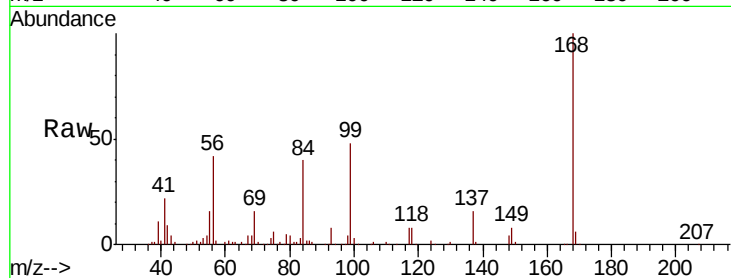
DL-SED-01MSD

Tgt Ion:168 Resp: 173139

Ion Ratio Lower Upper

168 100

99 47.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

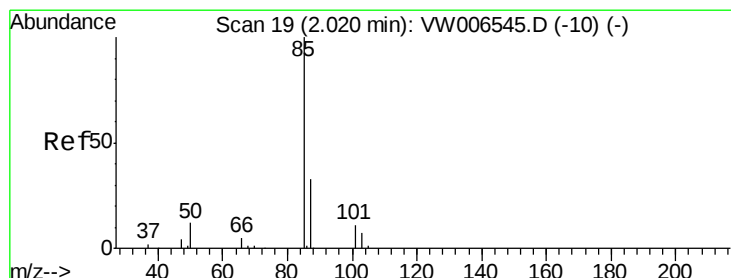
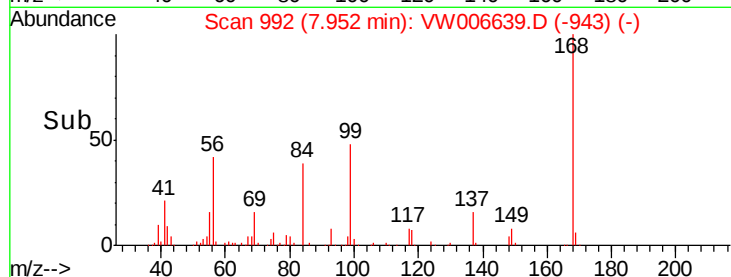
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 59.452 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006639.D

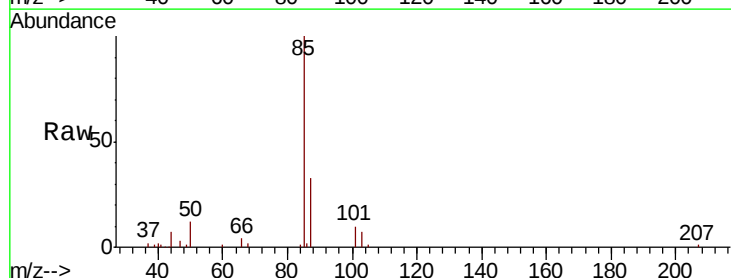
Acq: 05 Nov 2018 16:32

Tgt Ion: 85 Resp: 53361

Ion Ratio Lower Upper

85 100

87 33.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

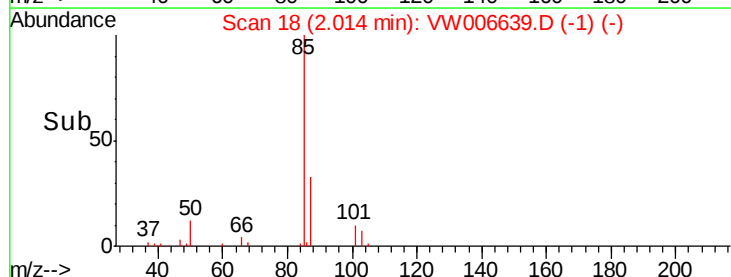
10000

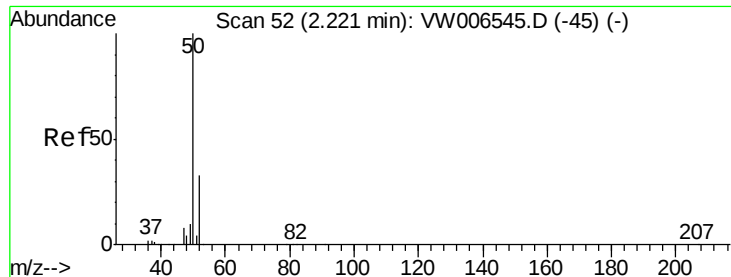
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 61.170 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

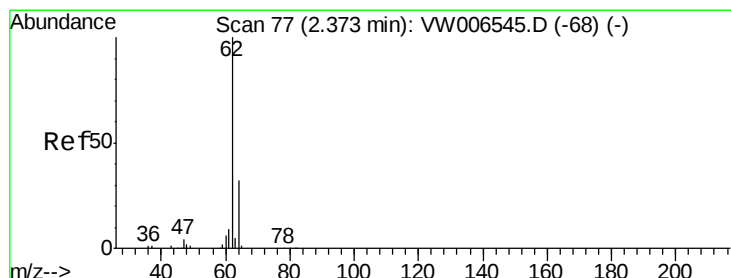
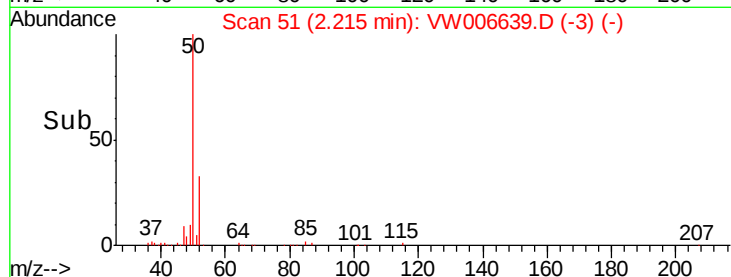
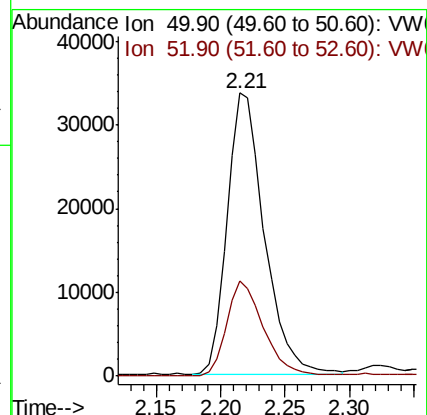
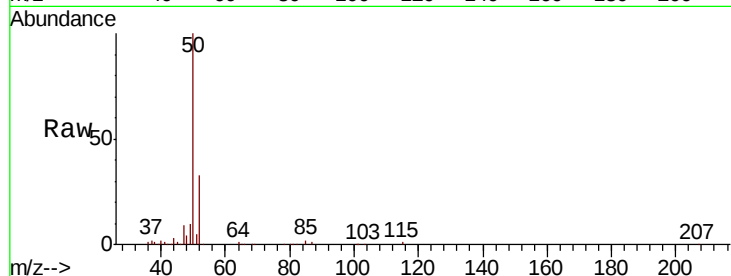
DL-SED-01MSD

Tgt Ion: 50 Resp: 67931

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.4



#4

Vinyl Chloride

Concen: 64.079 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006639.D

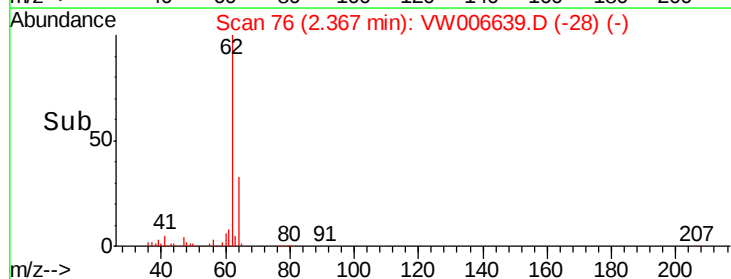
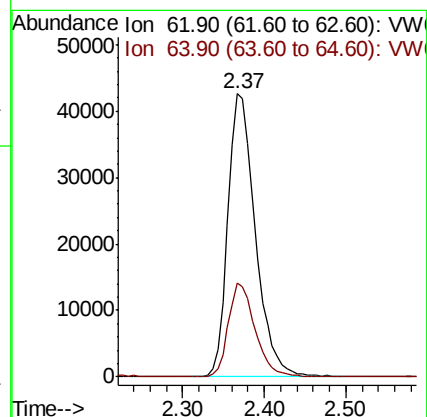
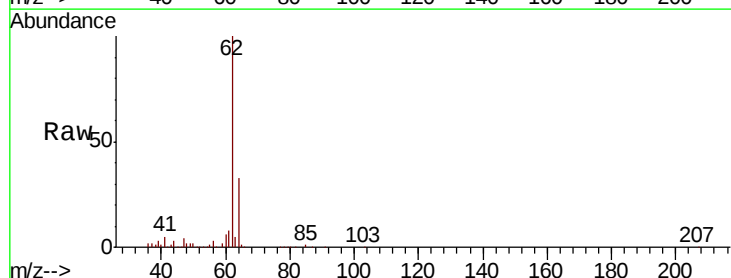
Acq: 05 Nov 2018 16:32

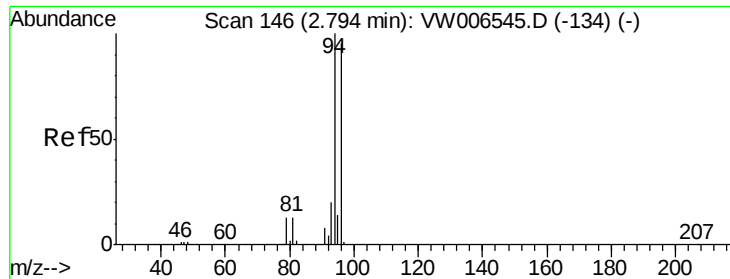
Tgt Ion: 62 Resp: 99363

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: 49.393 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

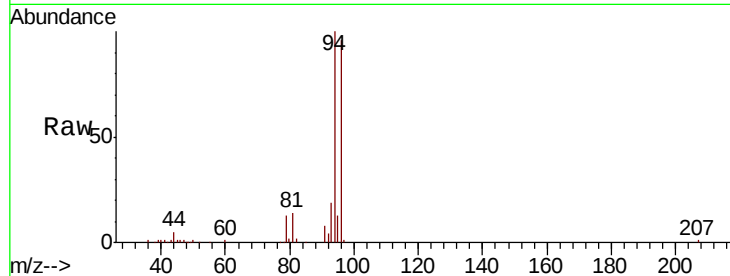
DL-SED-01MSD

Tgt Ion: 94 Resp: 64276

Ion Ratio Lower Upper

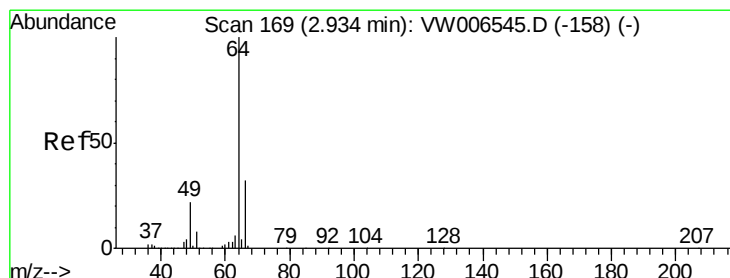
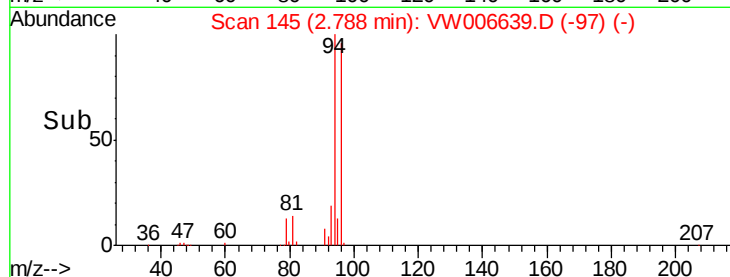
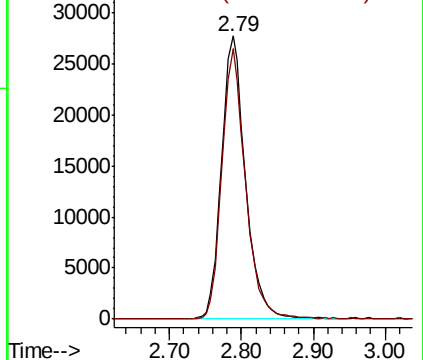
94 100

96 95.6 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 65.865 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW006639.D

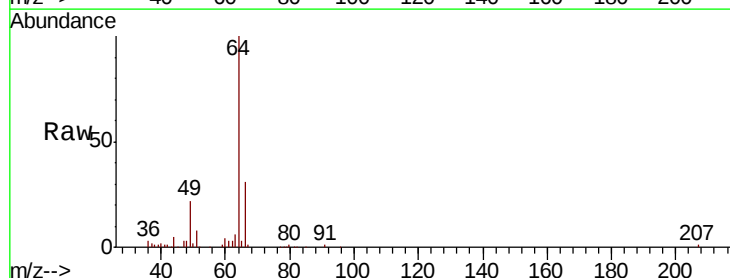
Acq: 05 Nov 2018 16:32

Tgt Ion: 64 Resp: 71361

Ion Ratio Lower Upper

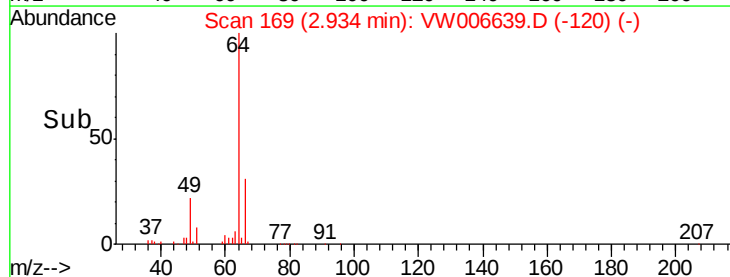
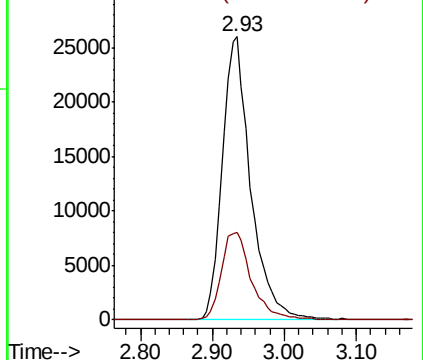
64 100

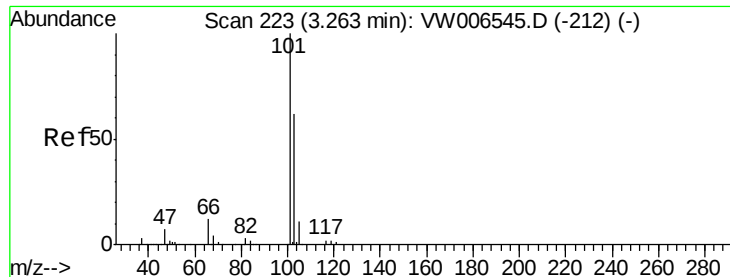
66 30.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



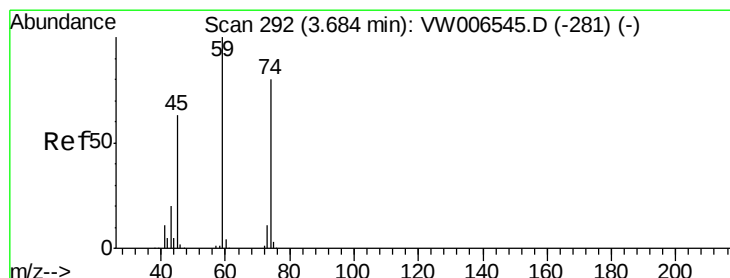
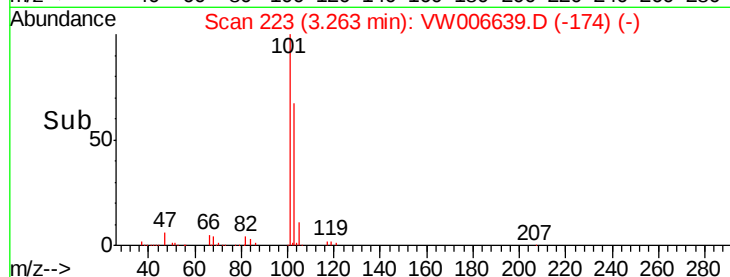
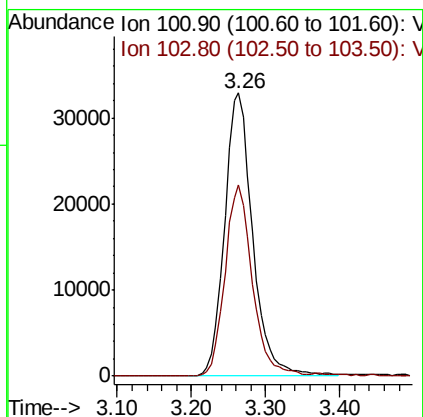
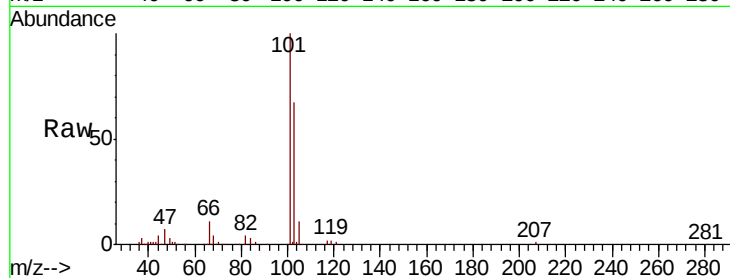


#7

Trichlorofluoromethane
 Concen: 63.327 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

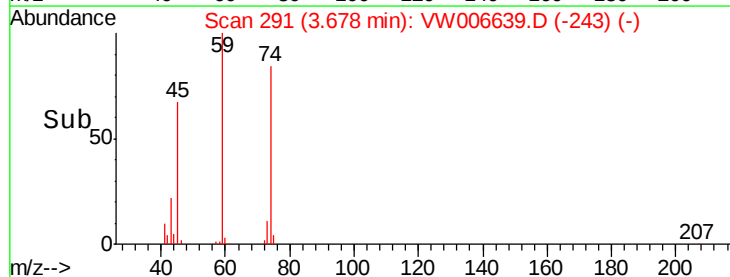
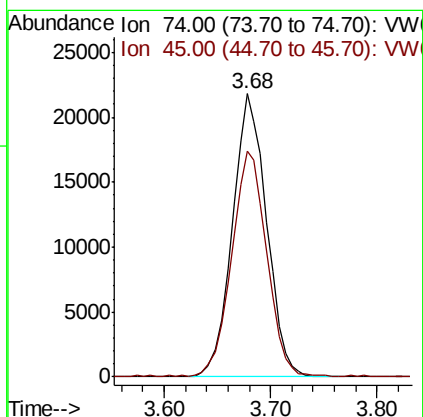
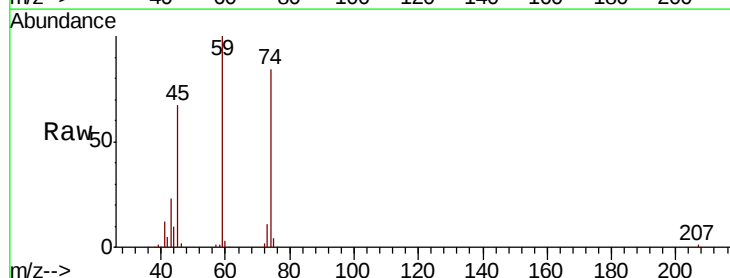
Tgt Ion: 101 Resp: 86714
 Ion Ratio Lower Upper
 101 100
 103 67.5 49.8 74.8

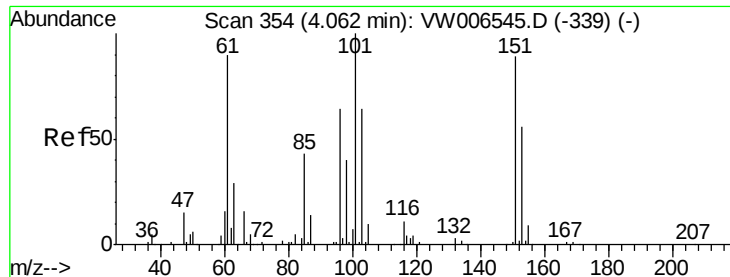


#8

Diethyl Ether
 Concen: 65.269 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion: 74 Resp: 48855
 Ion Ratio Lower Upper
 74 100
 45 82.4 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.742 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

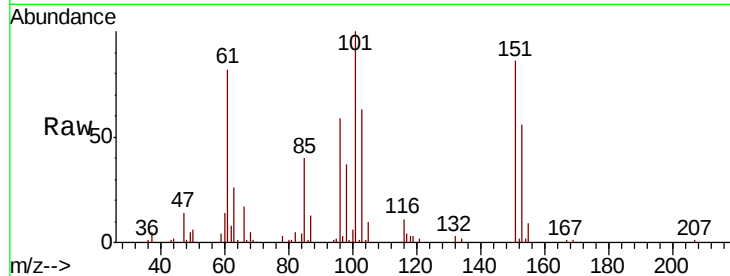
Tgt Ion:101 Resp: 78581

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

151 88.2 70.7 106.1

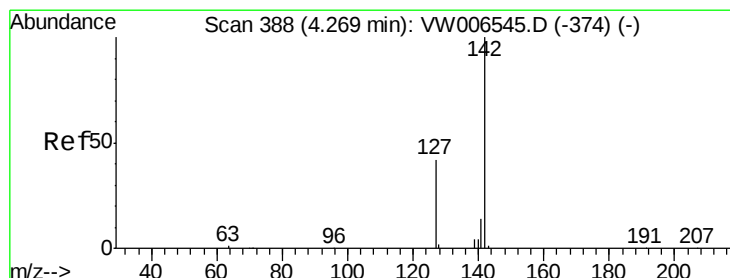
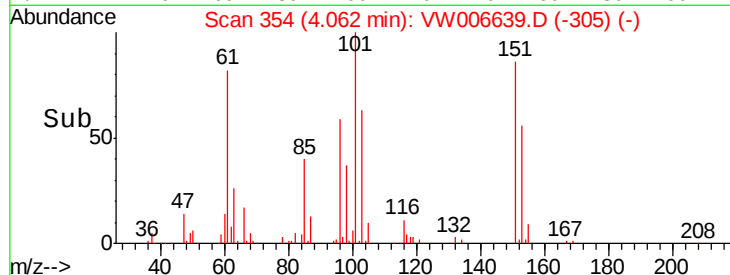
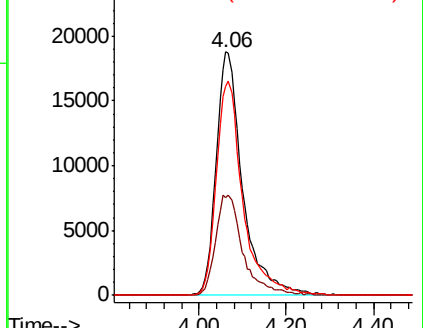


Abundance

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: 38.613 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

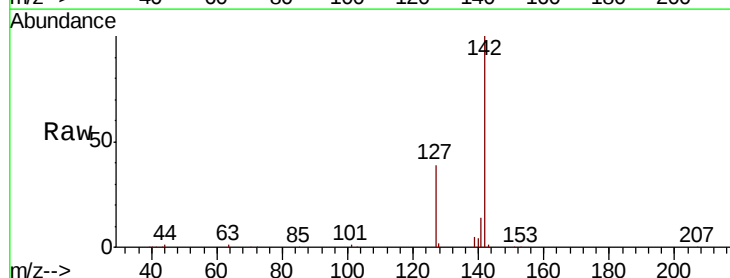
Tgt Ion:142 Resp: 102371

Ion Ratio Lower Upper

142 100

127 40.6 32.3 48.5

141 14.2 11.3 16.9

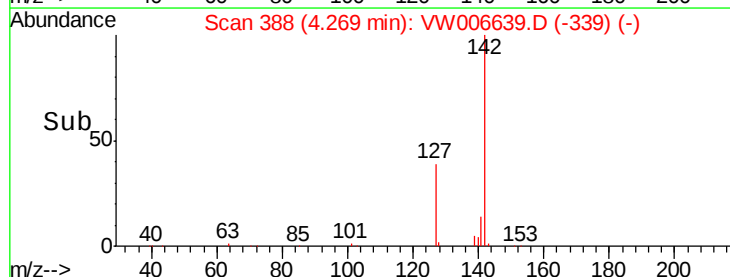
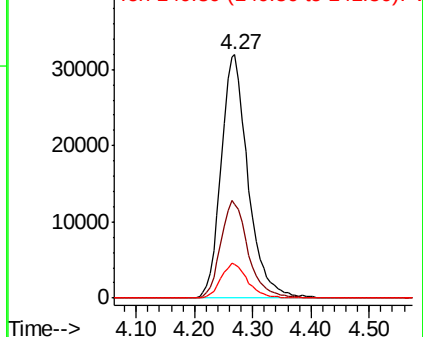


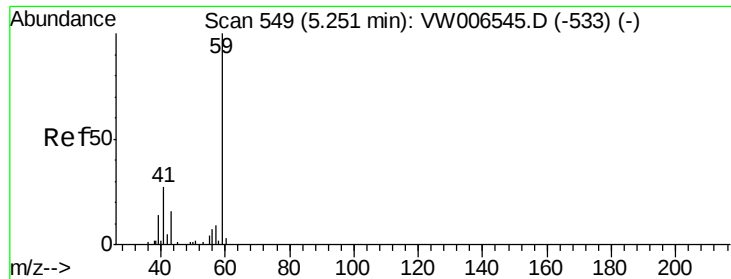
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

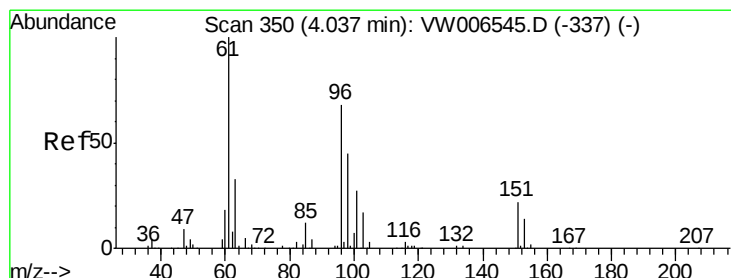
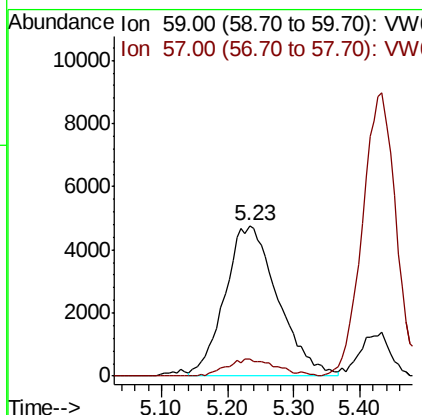
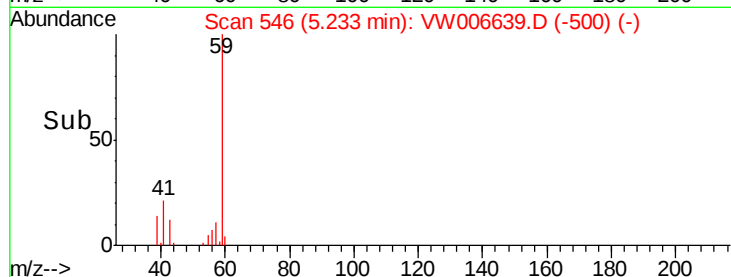
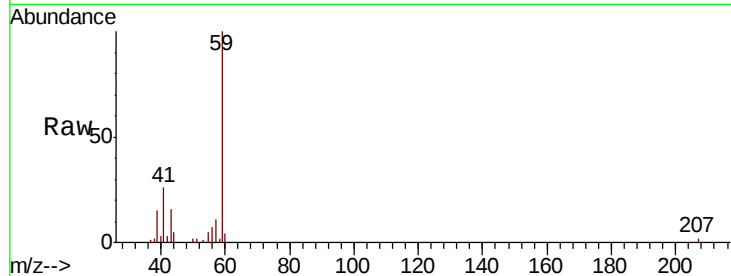




#11
Tert butyl alcohol
Concen: 330.585 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

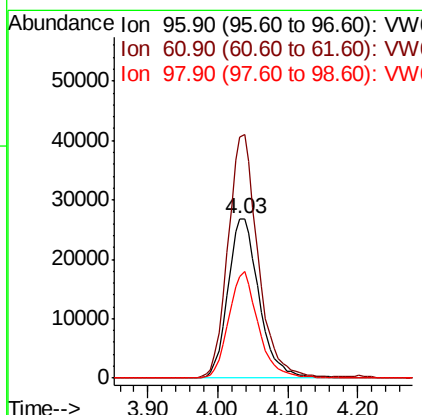
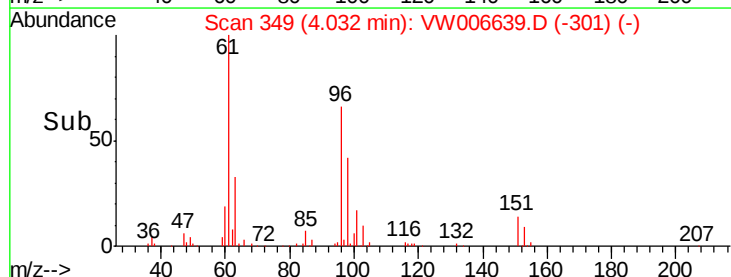
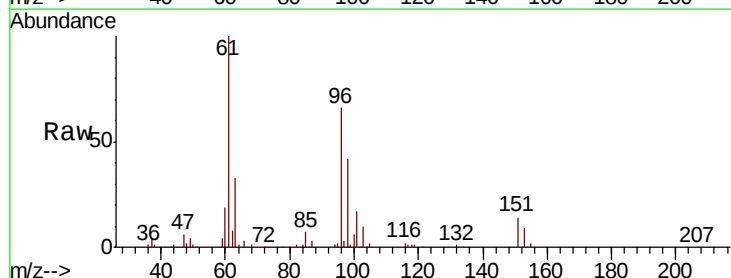
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

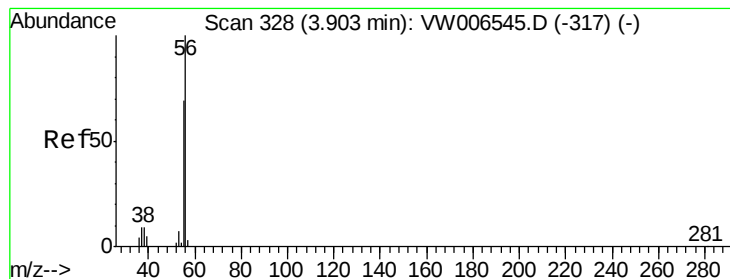
Tgt Ion: 59 Resp: 26509
Ion Ratio Lower Upper
59 100
57 10.2 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 58.866 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 96 Resp: 83134
Ion Ratio Lower Upper
96 100
61 151.1 117.0 175.4
98 63.3 52.5 78.7





#13

Acrolein

Concen: 1.111 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

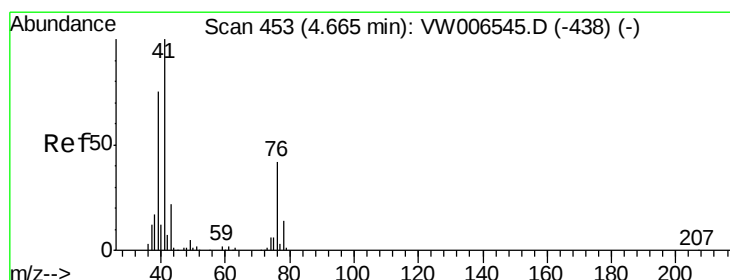
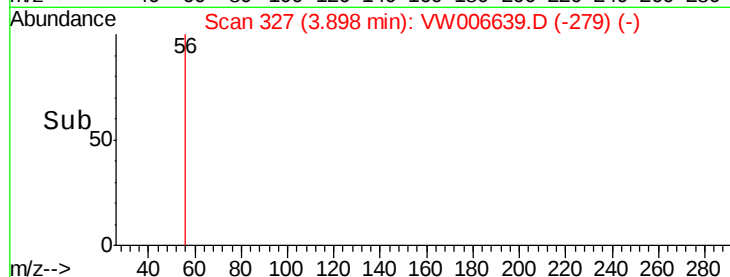
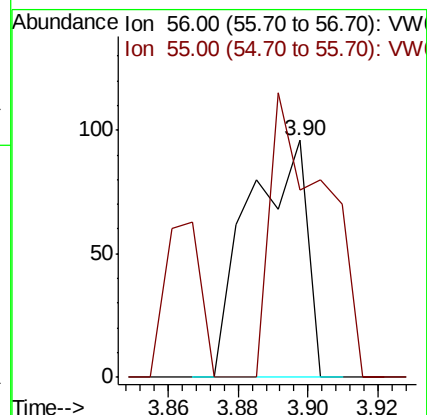
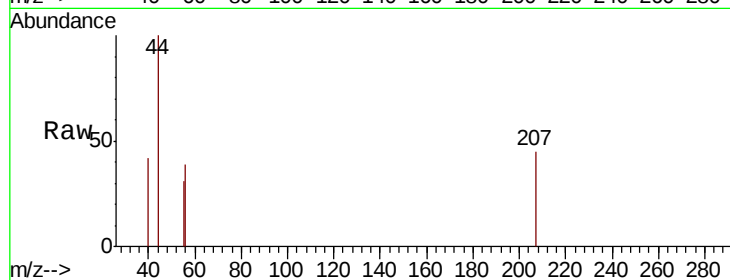
DL-SED-01MSD

Tgt Ion: 56 Resp: 112

Ion Ratio Lower Upper

56 100

55 111.6 56.9 85.3#



#14

Allyl chloride

Concen: 38.929 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

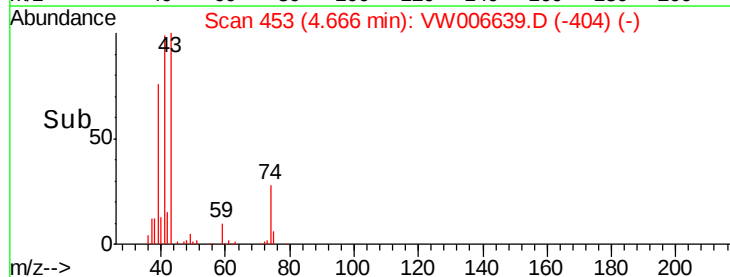
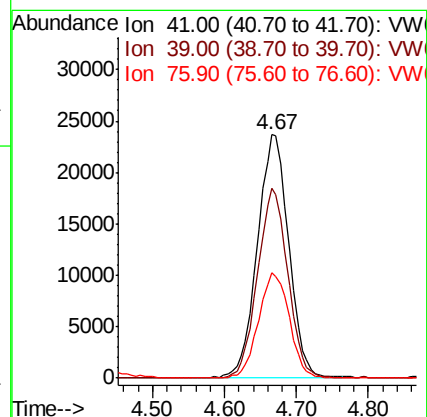
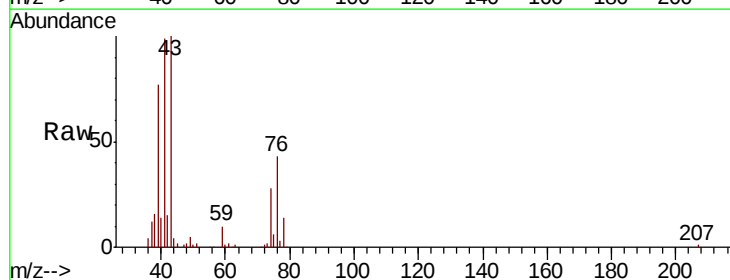
Tgt Ion: 41 Resp: 71763

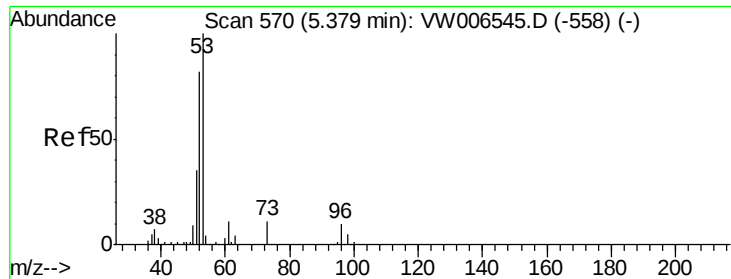
Ion Ratio Lower Upper

41 100

39 75.3 62.1 93.1

76 42.3 34.2 51.2





#15

Acrylonitrile

Concen: 227.686 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

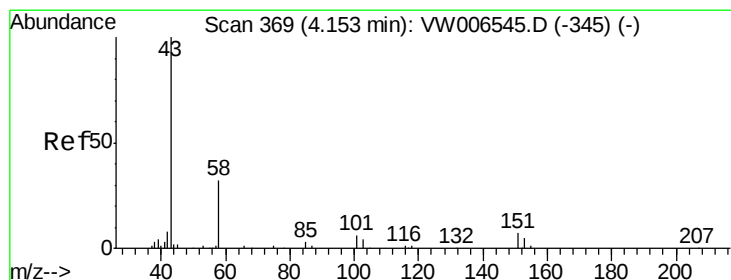
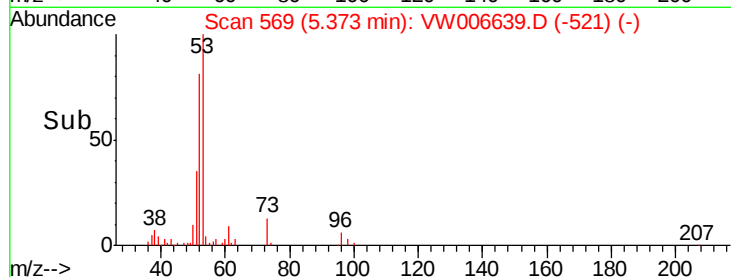
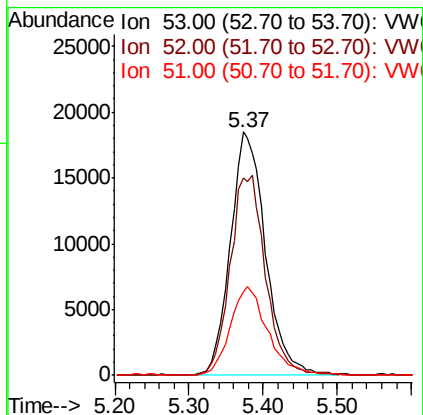
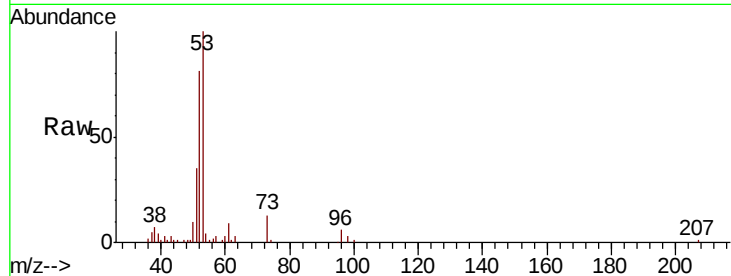
Tgt Ion: 53 Resp: 61108

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.8

51 38.4 29.6 44.4



#16

Acetone

Concen: 230.431 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006639.D

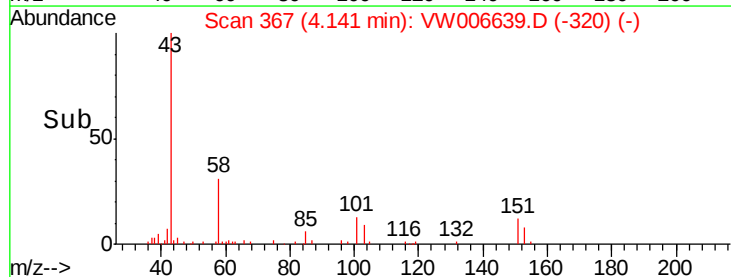
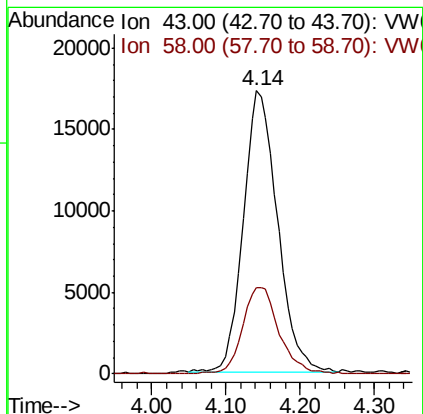
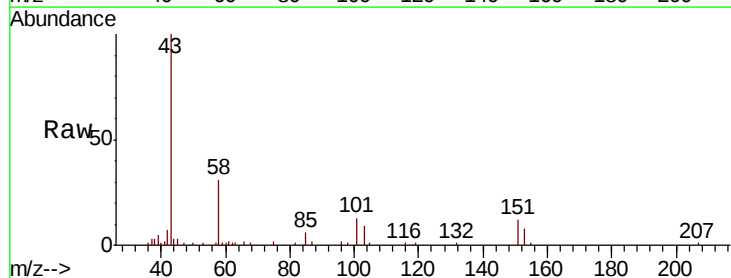
Acq: 05 Nov 2018 16:32

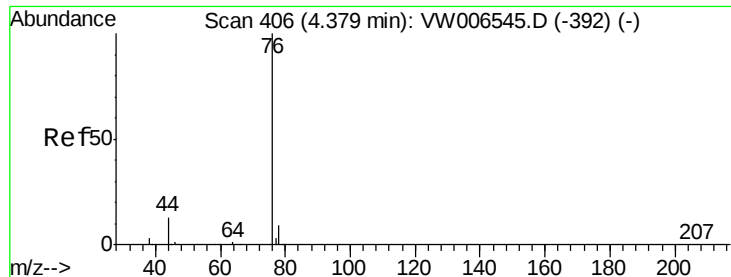
Tgt Ion: 43 Resp: 55369

Ion Ratio Lower Upper

43 100

58 30.8 25.8 38.8

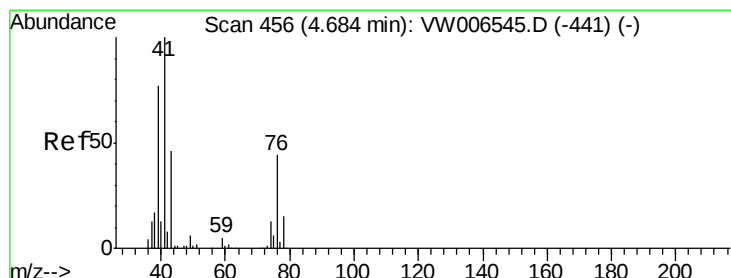
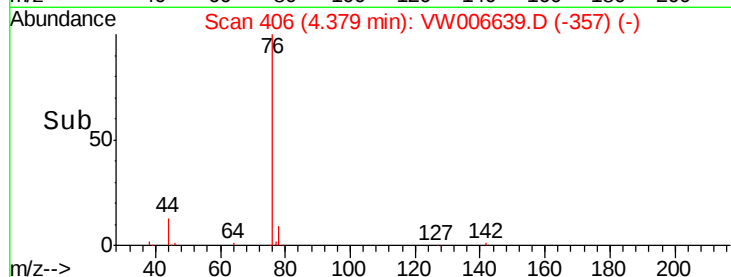
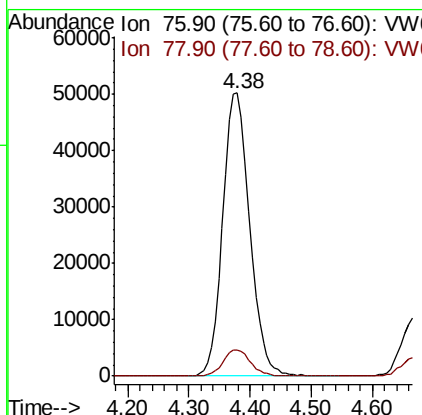
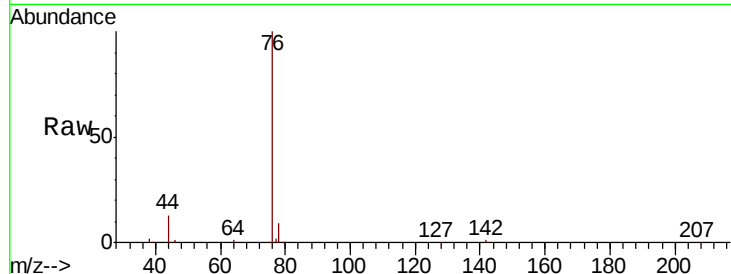




#17
Carbon Disulfide
Concen: 38.078 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

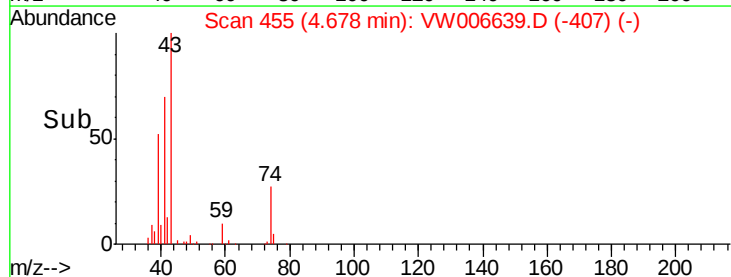
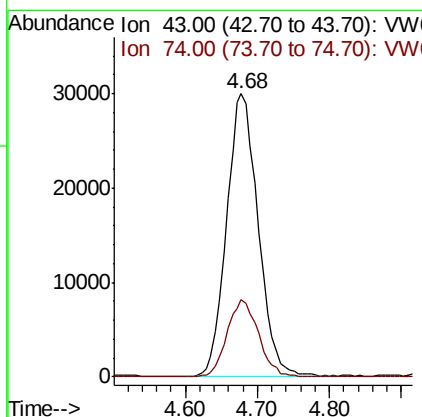
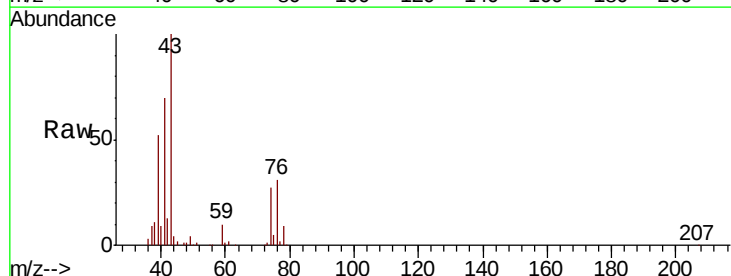
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

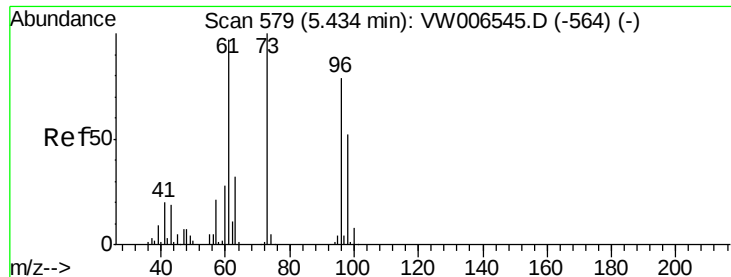
Tgt Ion: 76 Resp: 153031
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 131.685 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 43 Resp: 90987
Ion Ratio Lower Upper
43 100
74 27.2 21.9 32.9

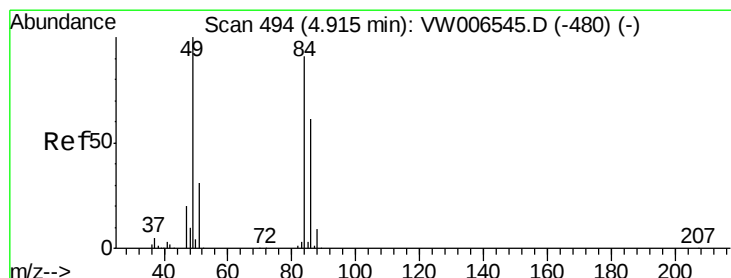
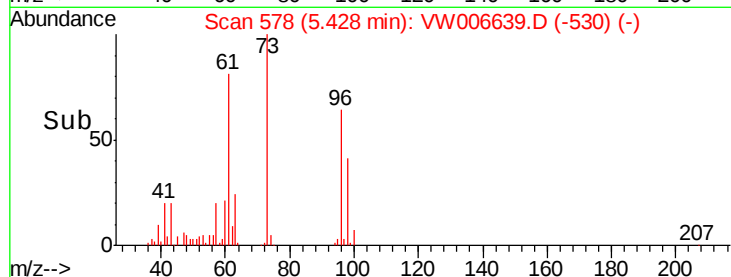
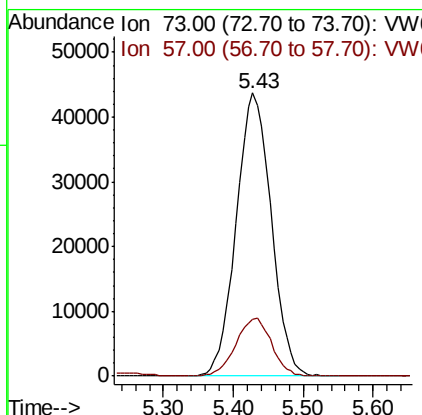
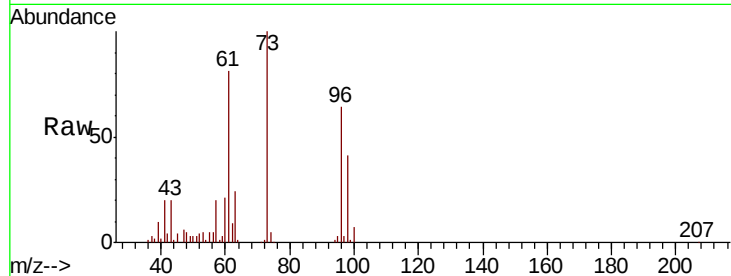




#19
Methyl tert-butyl Ether
Concen: 72.287 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

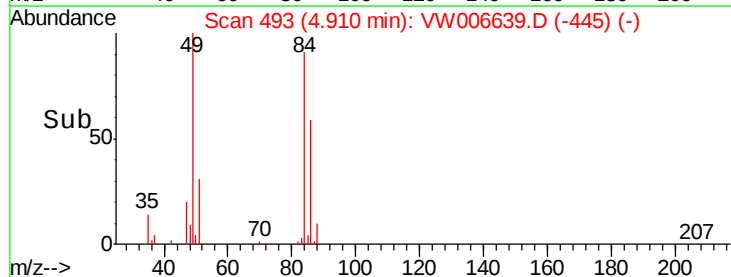
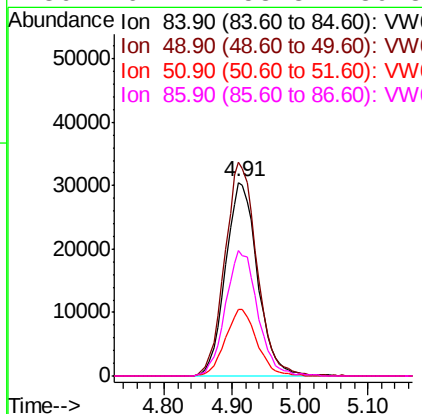
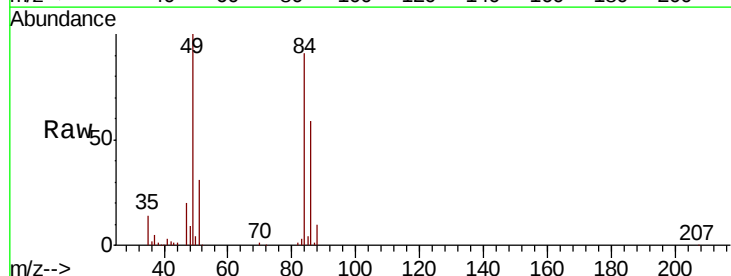
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tgt Ion: 73 Resp: 151959
Ion Ratio Lower Upper
73 100
57 20.3 16.7 25.1



#20
Methylene Chloride
Concen: 65.909 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 84 Resp: 99673
Ion Ratio Lower Upper
84 100
49 110.2 88.2 132.4
51 34.4 27.0 40.6
86 64.7 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 53.451 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

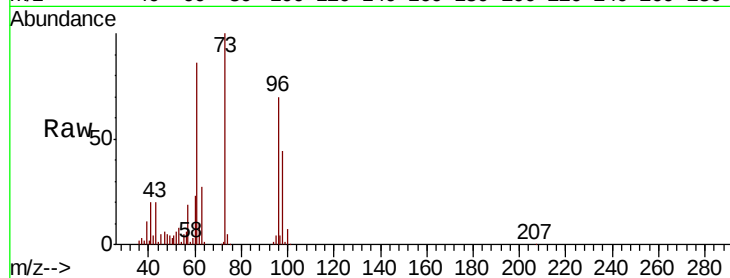
Tgt Ion: 96 Resp: 85417

Ion Ratio Lower Upper

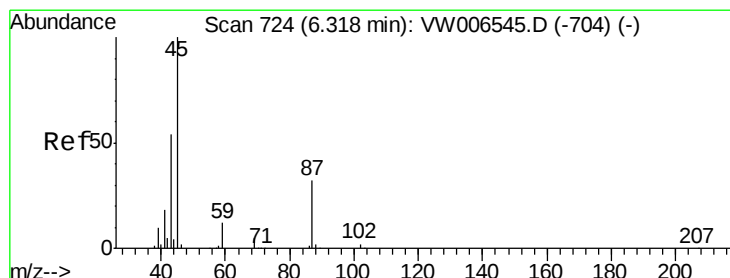
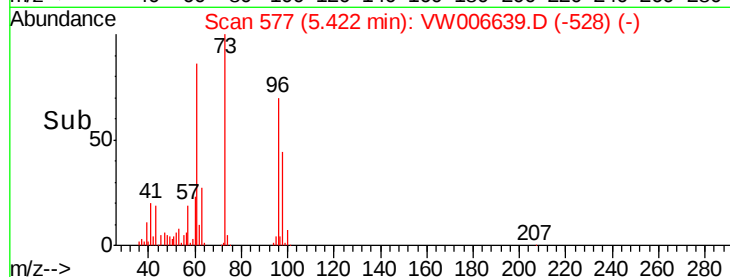
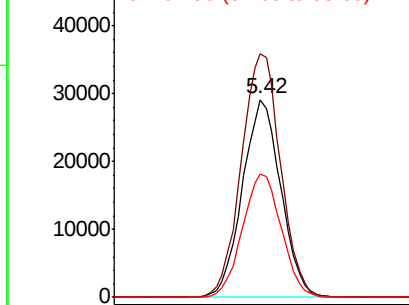
96 100

61 122.9 100.6 150.8

98 62.3 52.9 79.3



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: 65.173 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Tgt Ion: 45 Resp: 250470

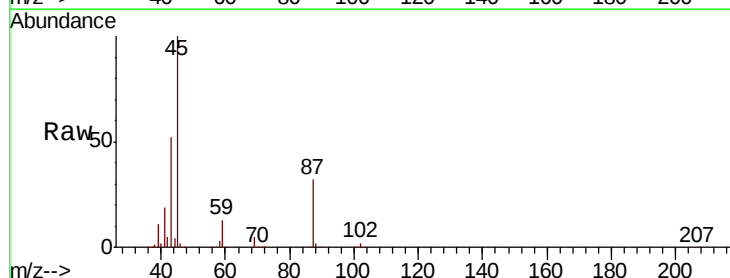
Ion Ratio Lower Upper

45 100

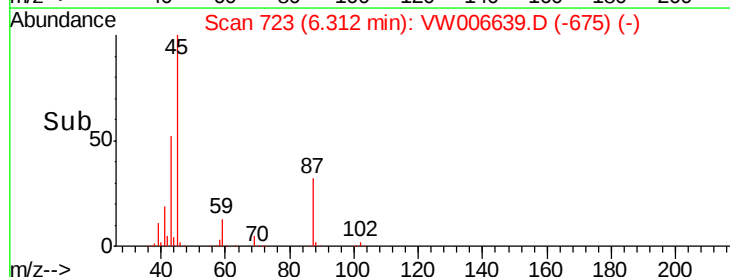
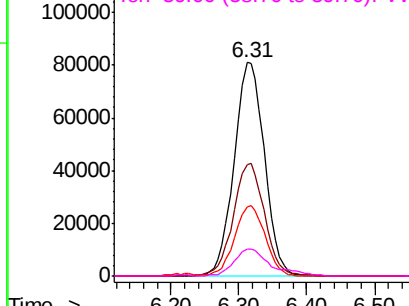
43 52.1 43.6 65.4

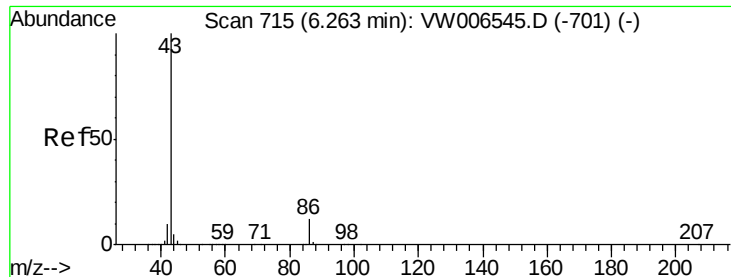
87 32.4 26.3 39.5

59 12.5 9.8 14.8



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: 63.912 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.06 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

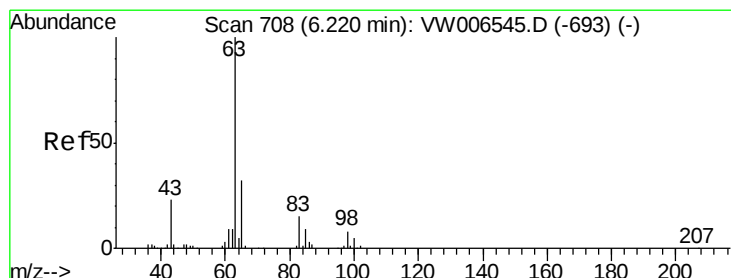
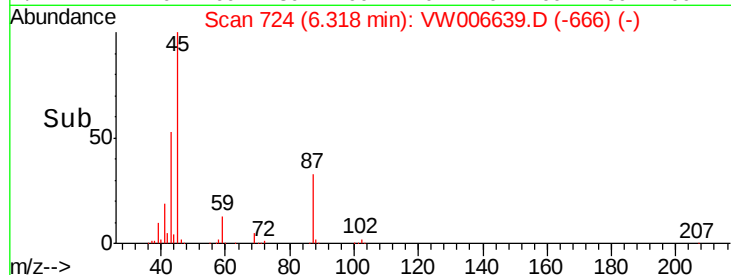
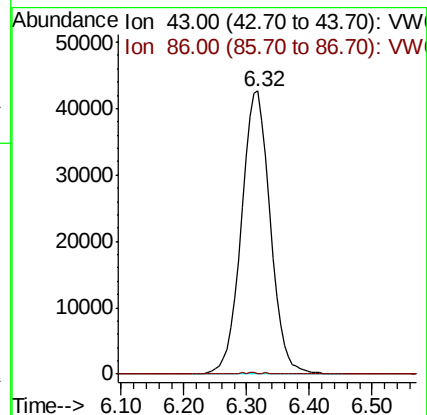
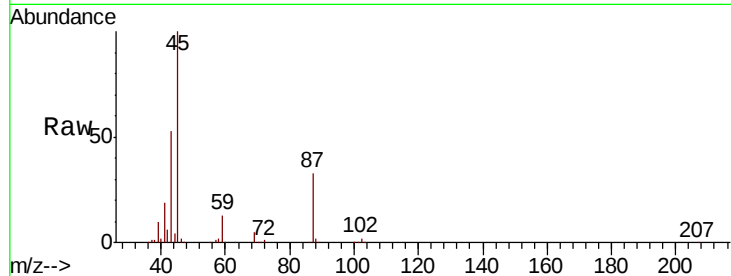
DL-SED-01MSD

Tgt Ion: 43 Resp: 136210

Ion Ratio Lower Upper

43 100

86 0.4 9.8 14.8#



#24

1,1-Dichloroethane

Concen: 62.856 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

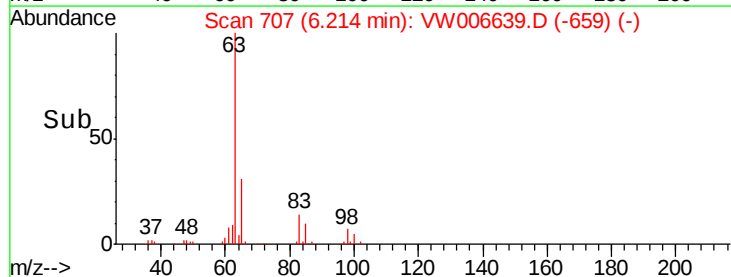
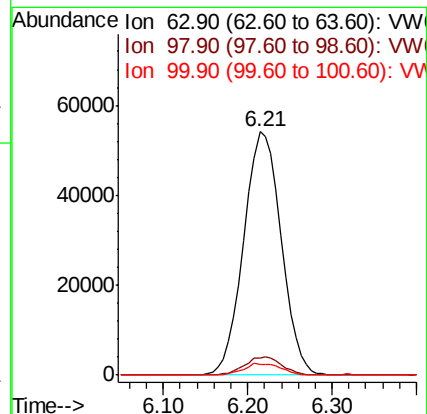
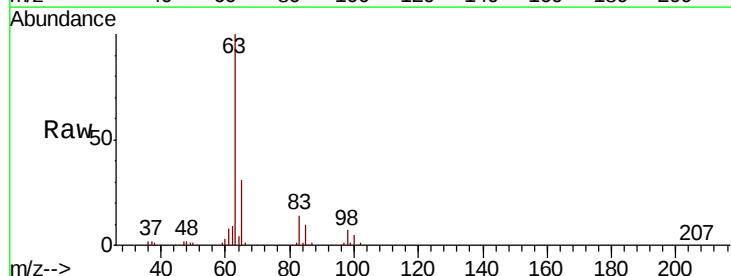
Tgt Ion: 63 Resp: 163718

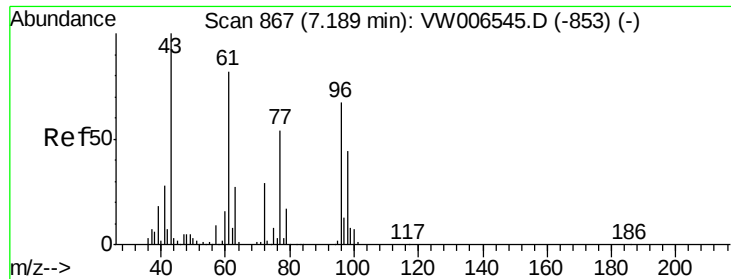
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 220.928 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

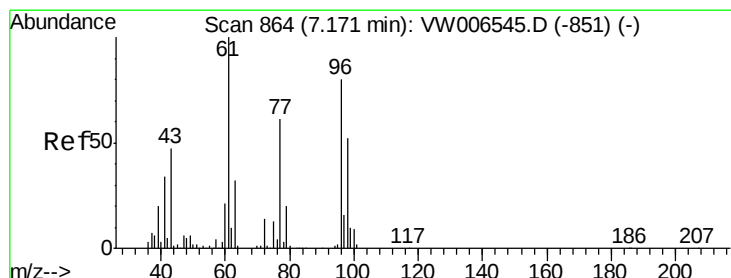
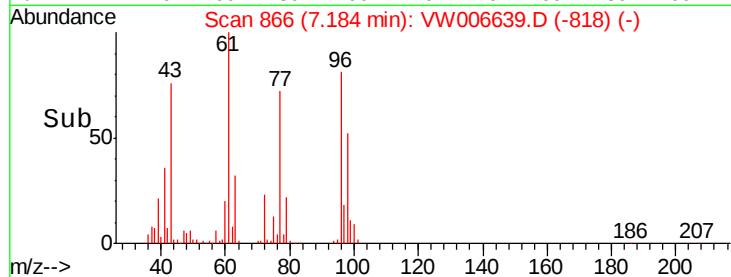
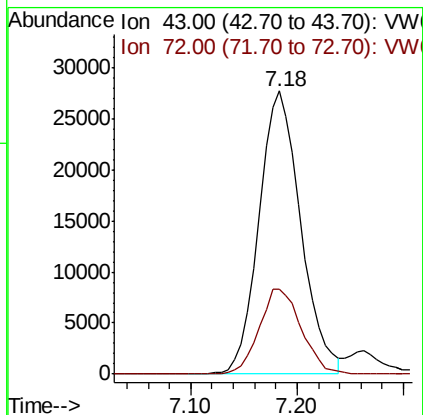
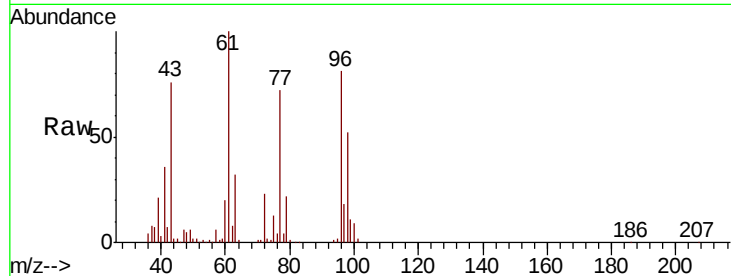
DL-SED-01MSD

Tgt Ion: 43 Resp: 75751

Ion Ratio Lower Upper

43 100

72 30.0 23.2 34.8



#26

2,2-Dichloropropane

Concen: 63.046 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006639.D

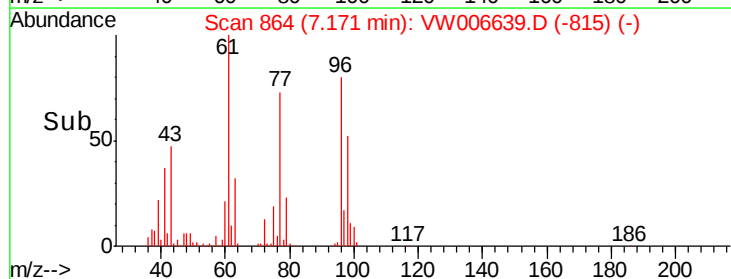
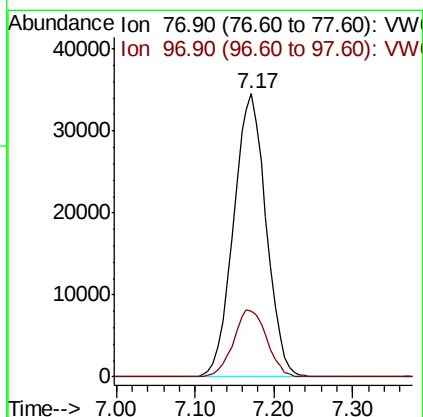
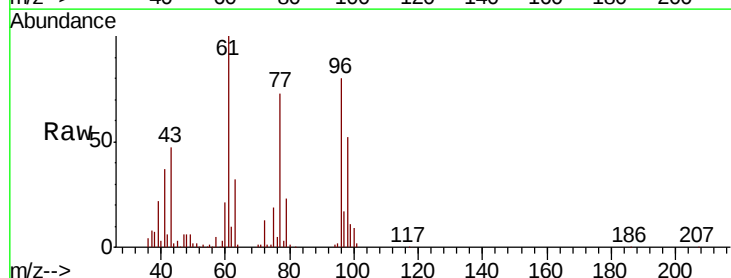
Acq: 05 Nov 2018 16:32

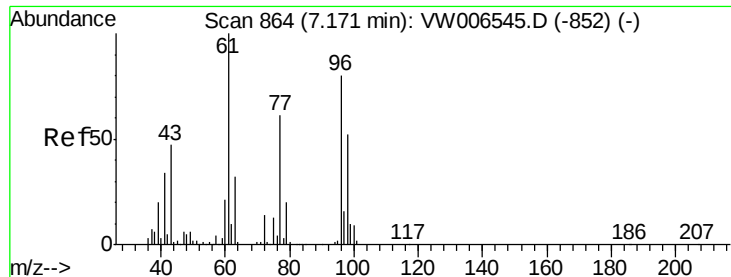
Tgt Ion: 77 Resp: 98919

Ion Ratio Lower Upper

77 100

97 24.3 12.8 38.4



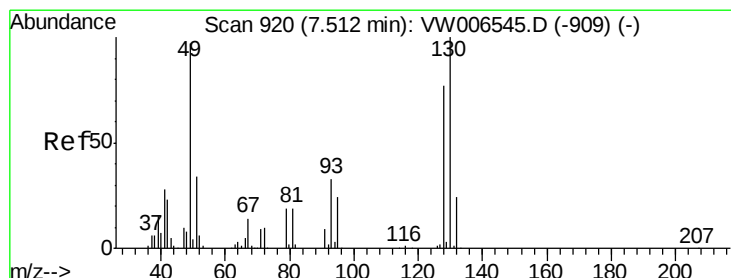
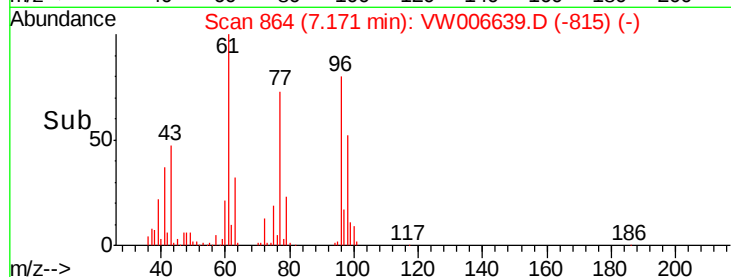
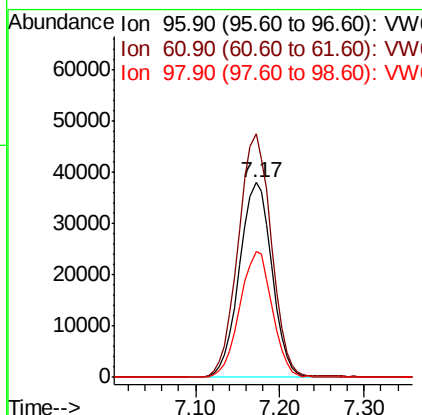
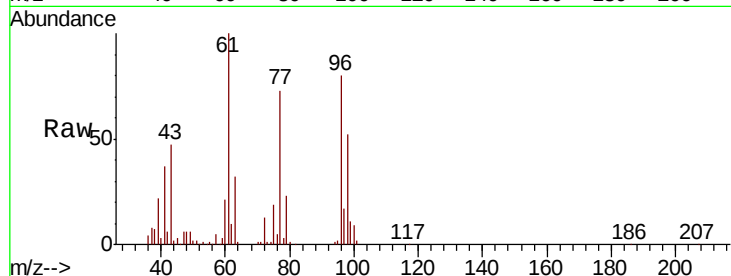


#27

cis-1,2-Dichloroethene
 Concen: 55.418 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

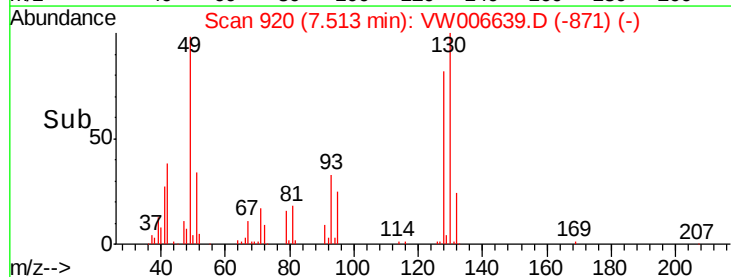
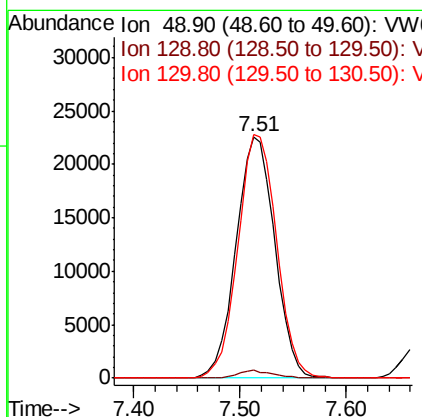
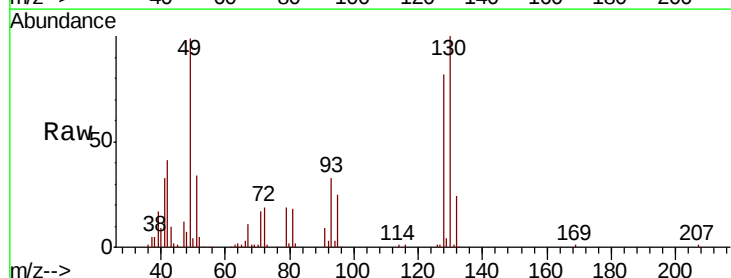
Tgt Ion: 96 Resp: 99078
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 254.2
 98 64.2 0.0 129.6

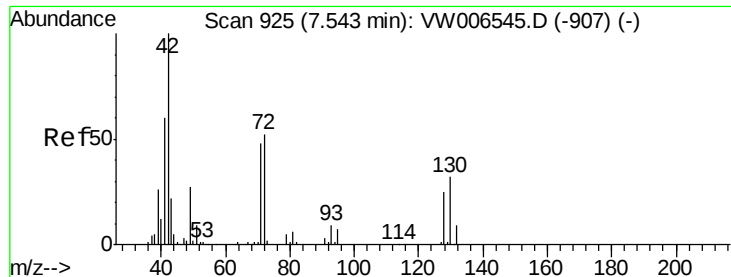


#28

Bromochloromethane
 Concen: 55.700 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion: 49 Resp: 57608
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.6
 130 100.8 82.2 123.2

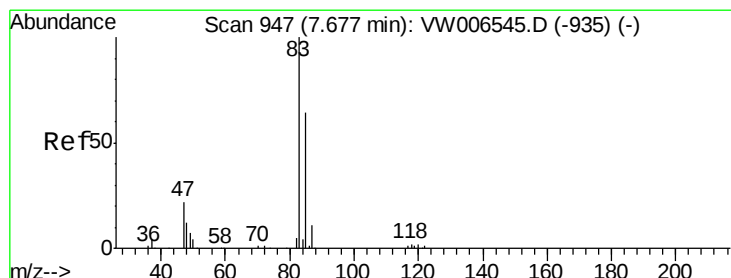
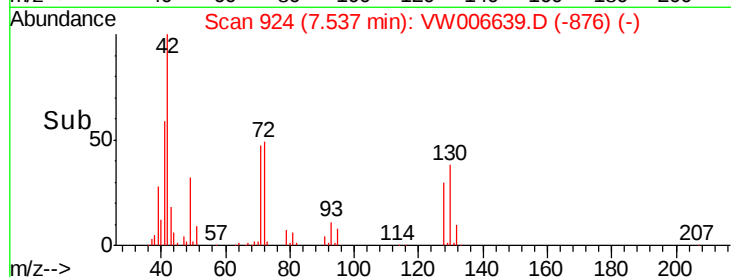
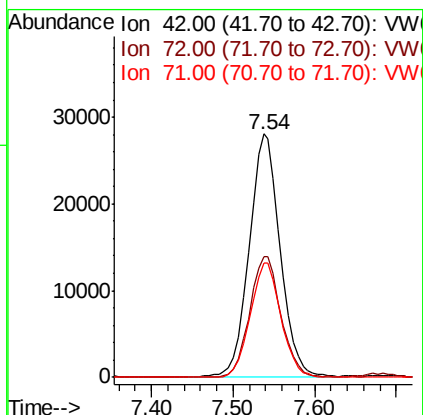
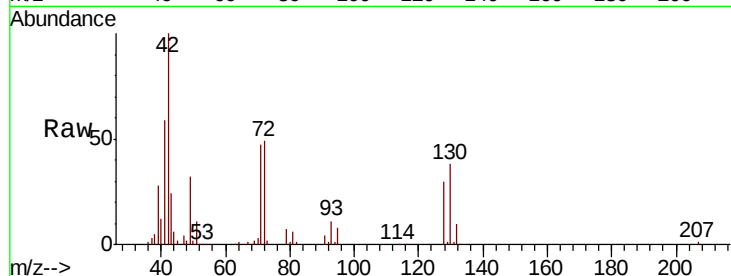




#29
Tetrahydrofuran
Concen: 345.259 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

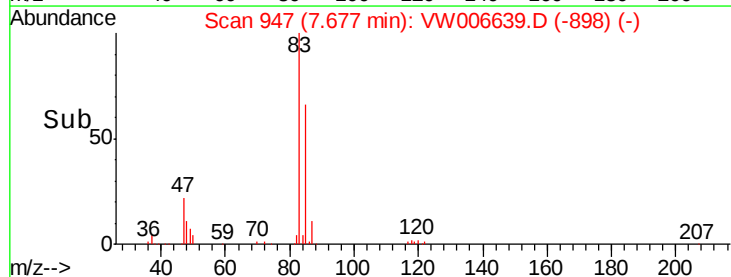
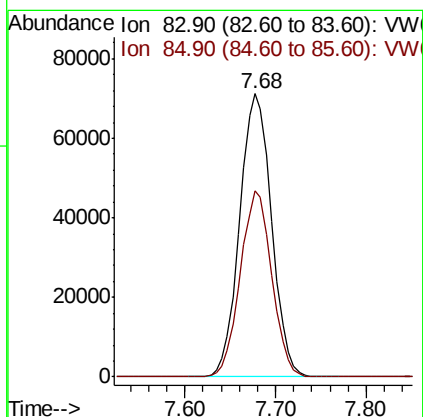
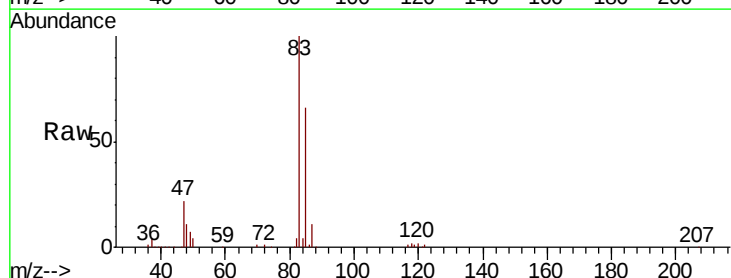
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

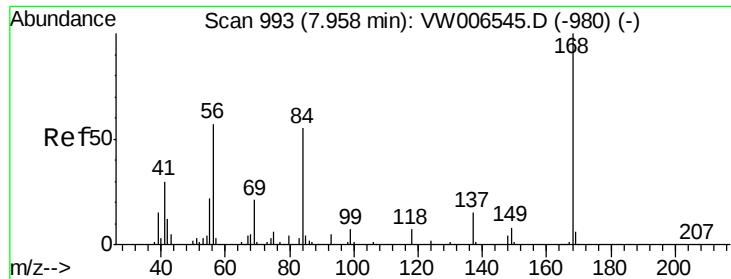
Tgt Ion: 42 Resp: 74459
Ion Ratio Lower Upper
42 100
72 50.0 39.2 58.8
71 46.4 37.6 56.4



#30
Chloroform
Concen: 60.519 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 83 Resp: 172822
Ion Ratio Lower Upper
83 100
85 65.7 51.3 76.9

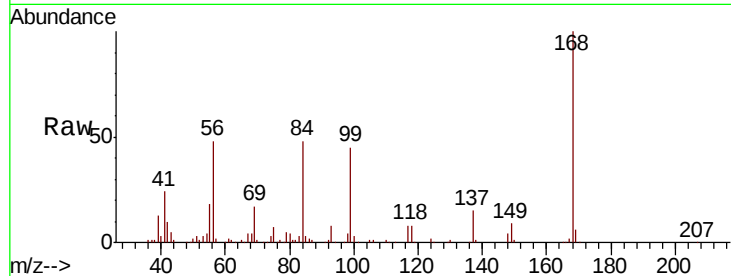




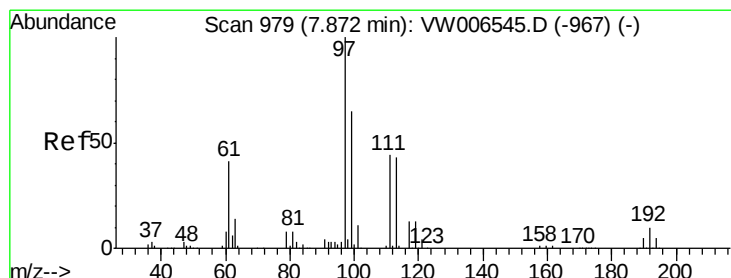
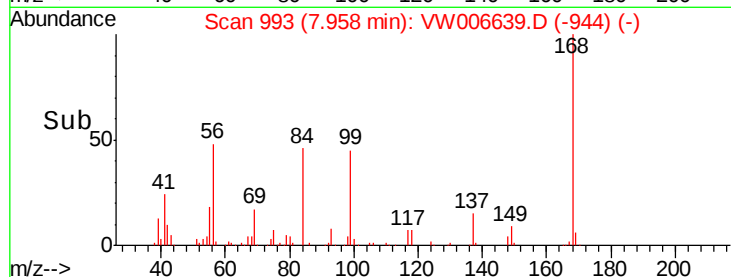
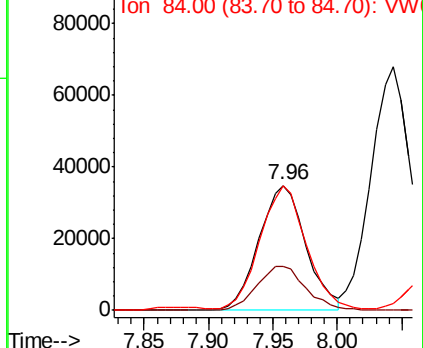
#31
Cyclohexane
Concen: 37.199 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tgt Ion: 56 Resp: 88185
Ion Ratio Lower Upper
56 100
69 35.7 29.0 43.4
84 97.5 77.8 116.6

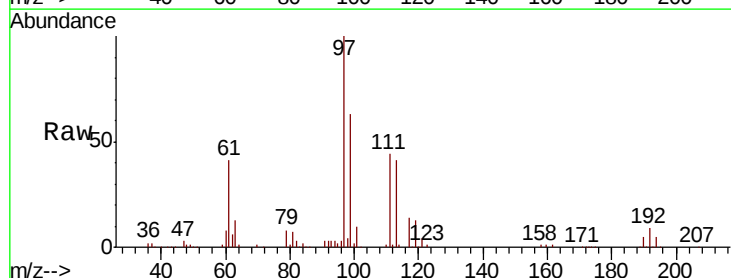


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

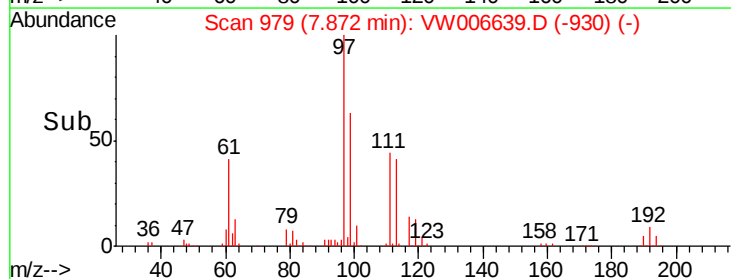
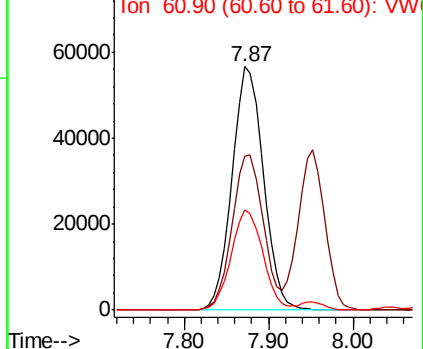


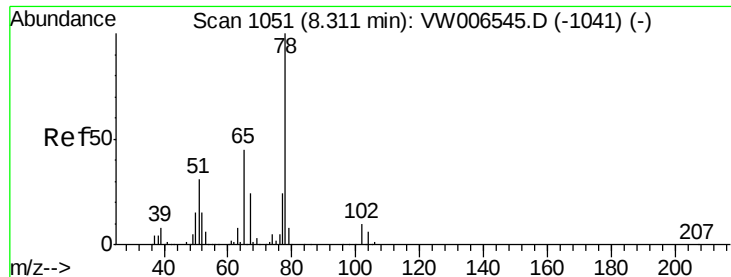
#32
1,1,1-Trichloroethane
Concen: 59.149 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 97 Resp: 142929
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 41.4 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 58.372 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

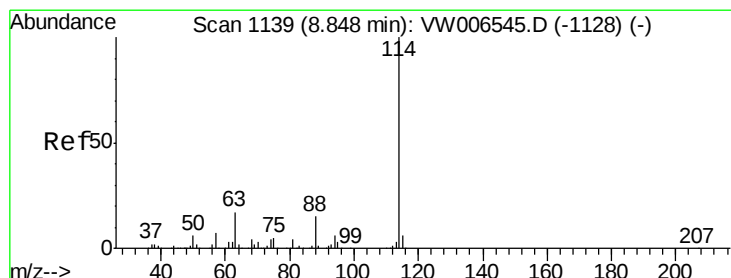
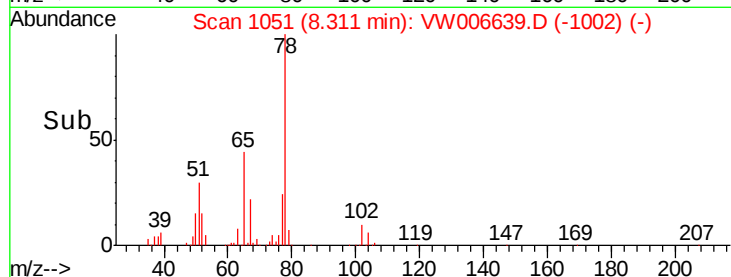
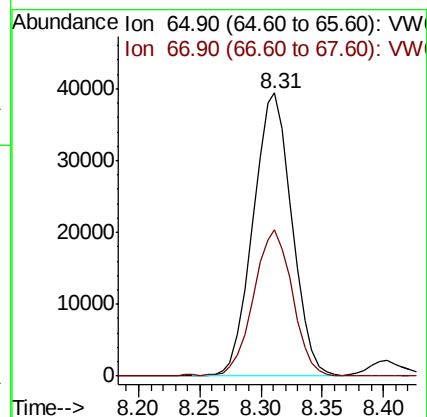
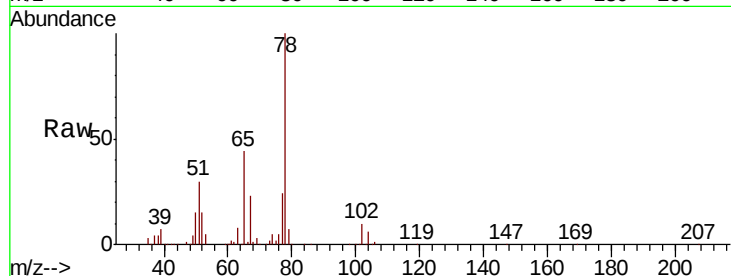
DL-SED-01MSD

Tgt Ion: 65 Resp: 86874

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

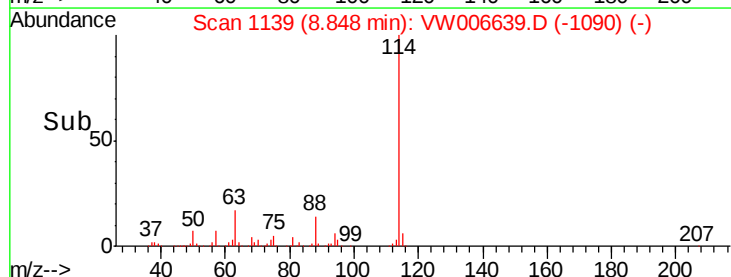
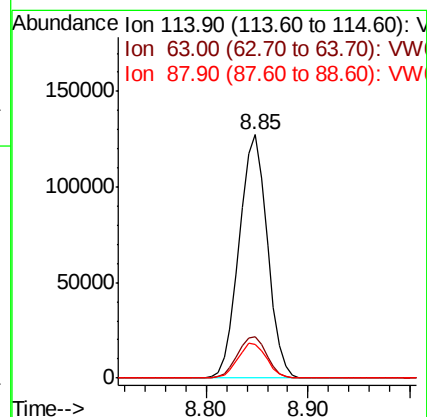
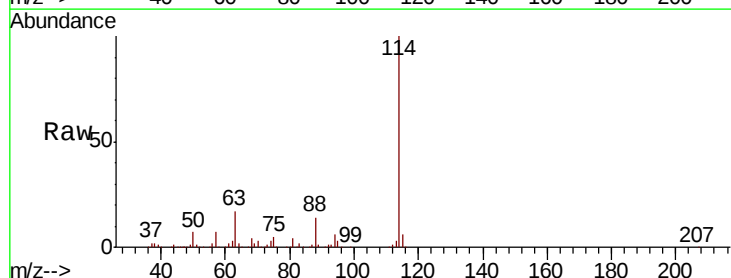
Tgt Ion: 114 Resp: 243667

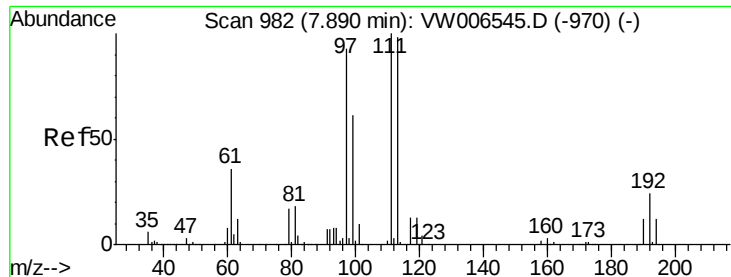
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 13.8 0.0 29.0

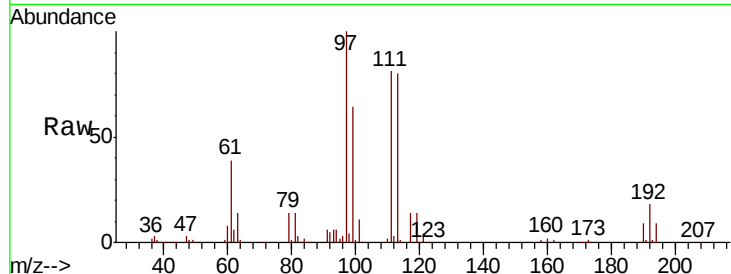




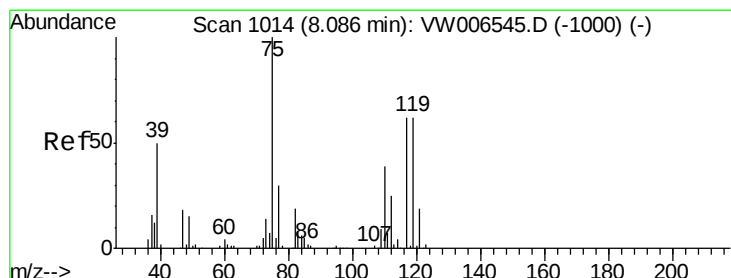
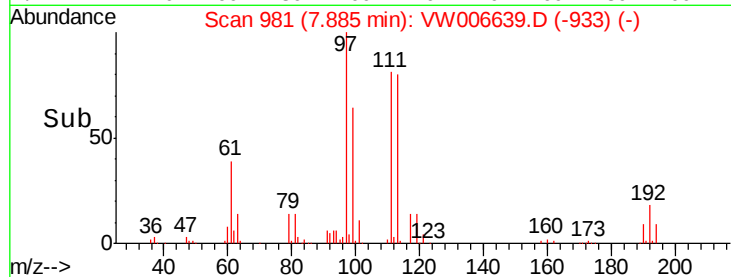
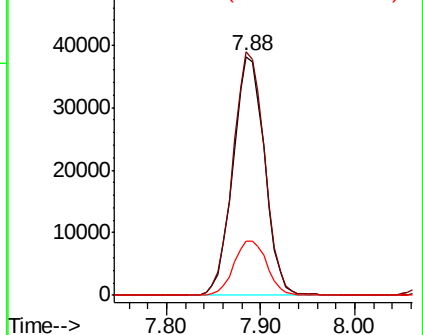
#35
 Dibromofluoromethane
 Concen: 58.296 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tgt Ion:113 Resp: 89146
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 23.8 19.0 28.6

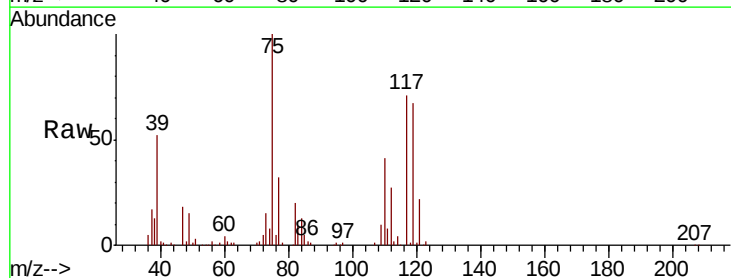


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

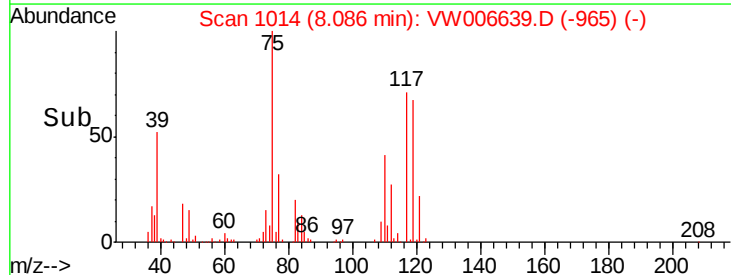
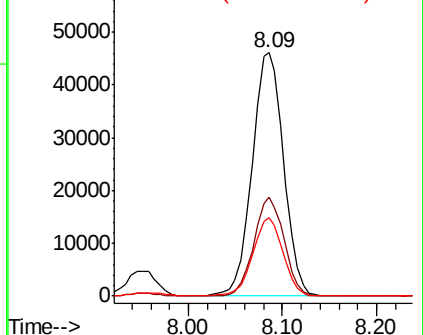


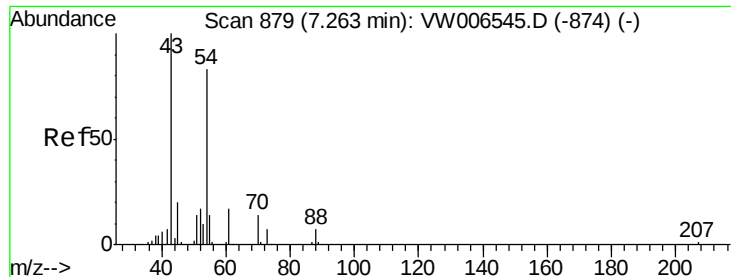
#36
 1,1-Dichloropropene
 Concen: 50.389 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion: 75 Resp: 107975
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.5 58.5
 77 31.1 24.6 37.0



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

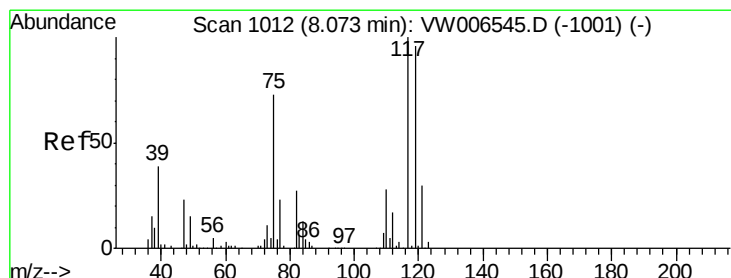
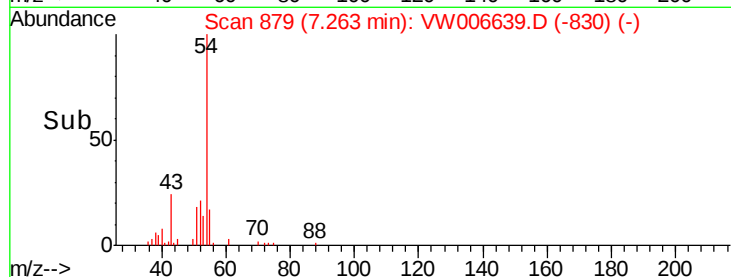
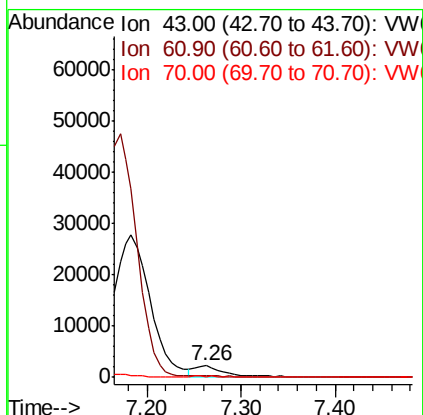
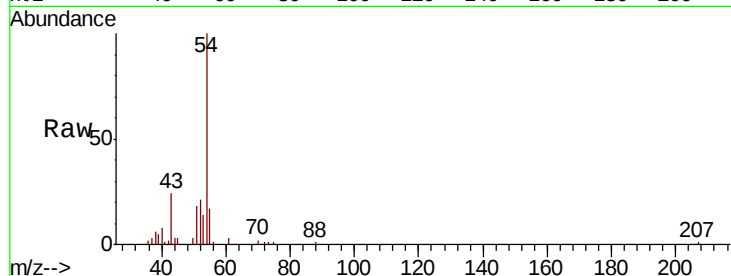




#37
Ethyl Acetate
Concen: 7.636 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

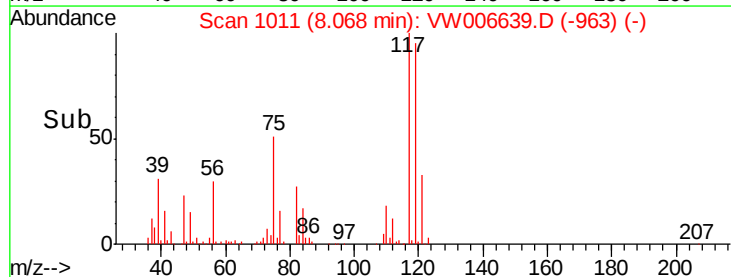
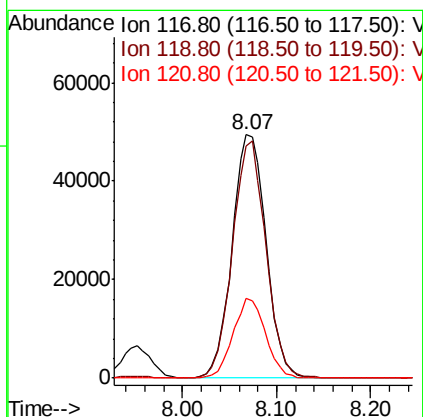
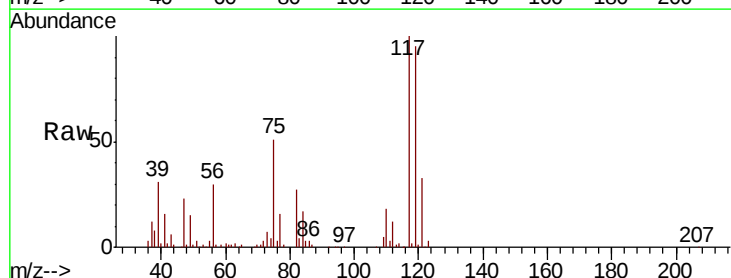
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

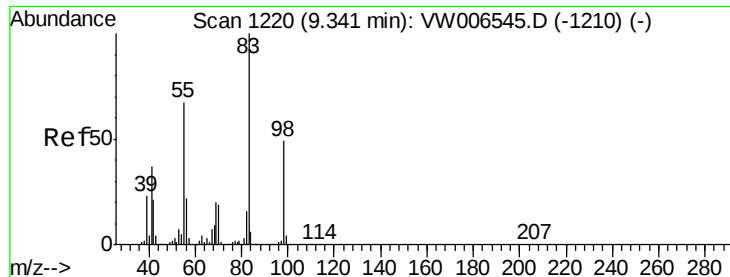
Tgt Ion: 43 Resp: 5670
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 6.1 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 55.568 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 117 Resp: 124421
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5
121 32.6 24.1 36.1

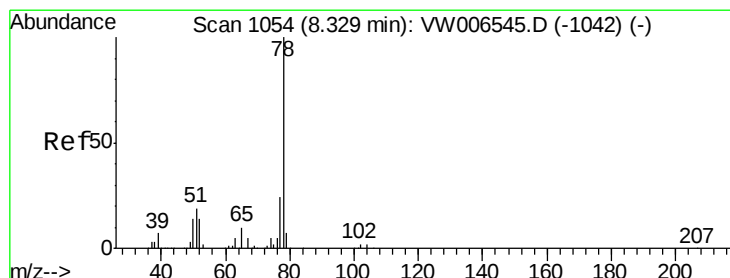
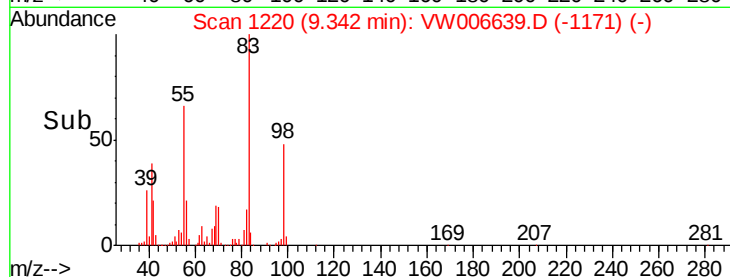
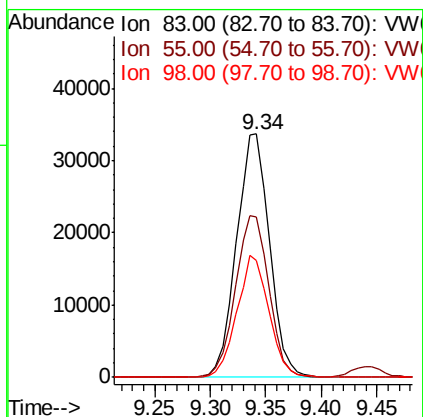
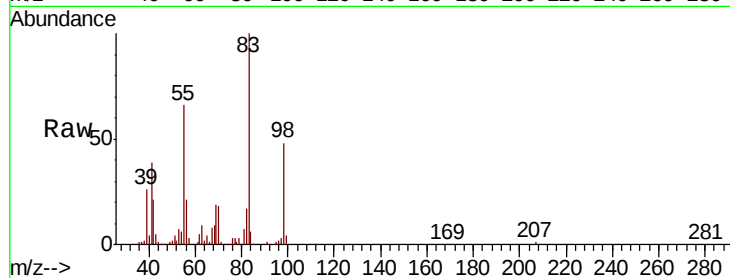




#39
Methylcyclohexane
Concen: 25.487 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

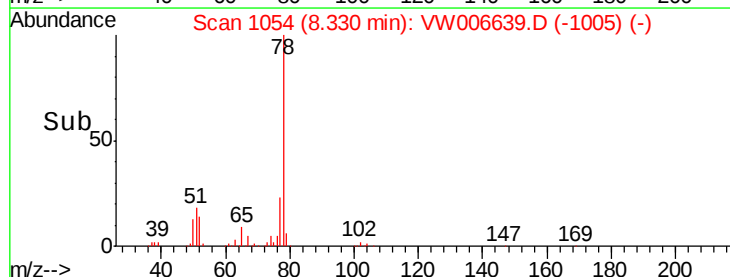
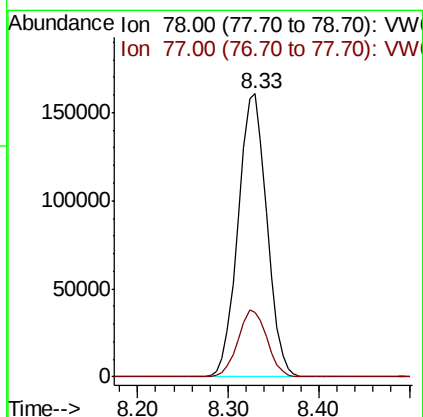
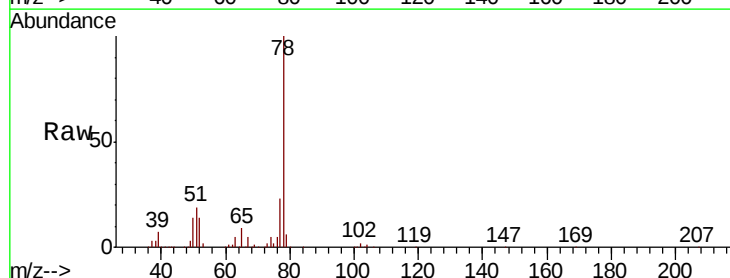
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

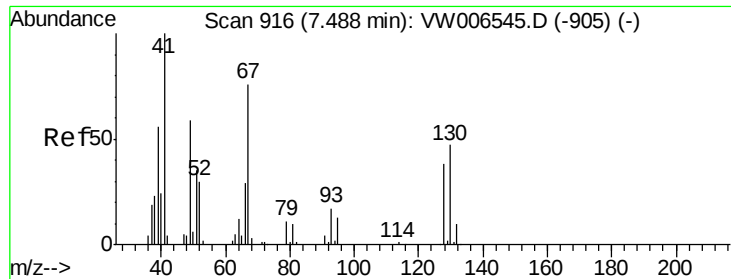
Tgt Ion: 83 Resp: 69306
Ion Ratio Lower Upper
83 100
55 65.9 53.7 80.5
98 48.1 39.2 58.8



#40
Benzene
Concen: 57.987 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 78 Resp: 352933
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8

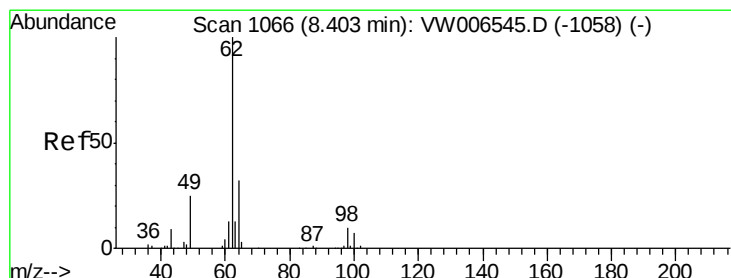
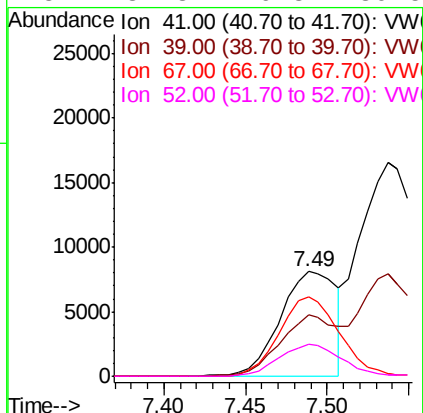
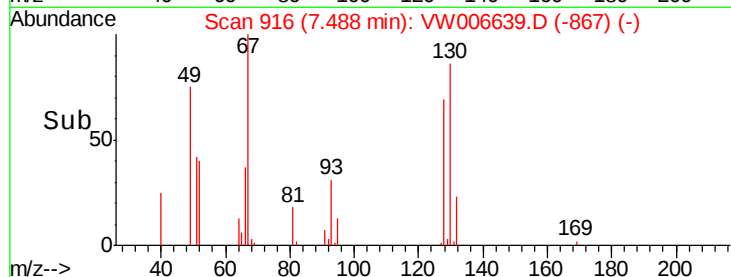
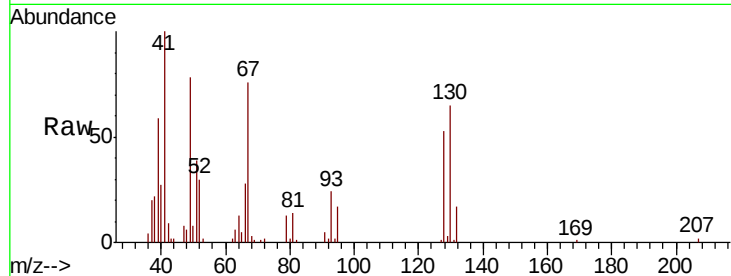




#41
Methacrylonitrile
Concen: 42.583 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

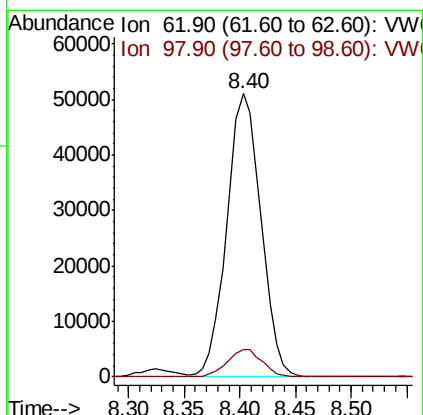
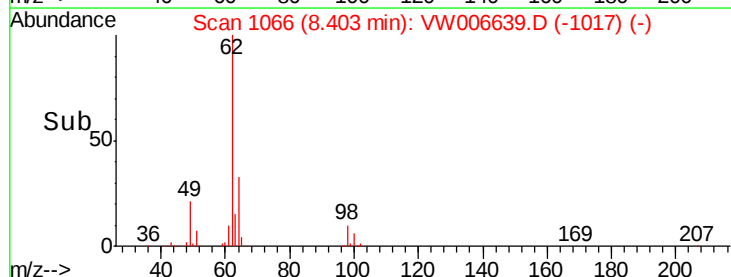
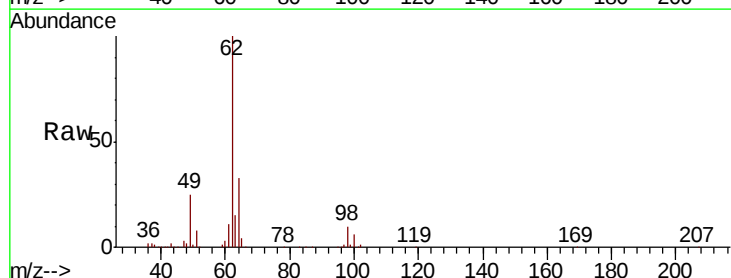
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

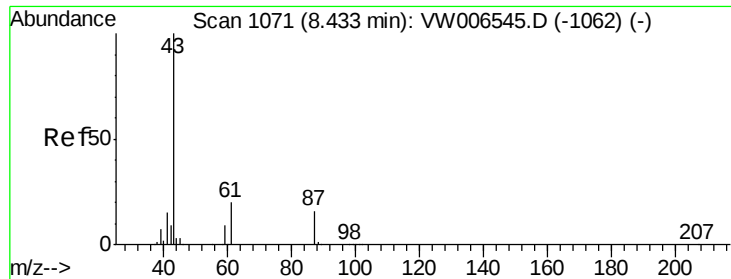
Tgt Ion:	41	Resp:	19390
Ion	Ratio	Lower	Upper
41	100		
39	64.5	44.5	66.7
67	80.8	63.8	95.8
52	34.3	26.3	39.5



#42
1,2-Dichloroethane
Concen: 62.191 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion:	62	Resp:	108554
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

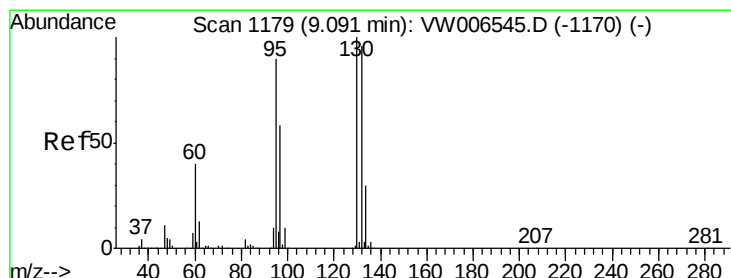
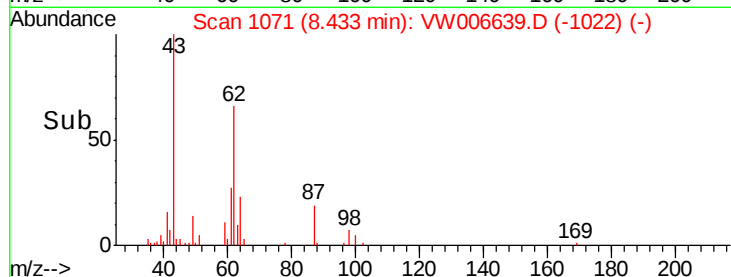
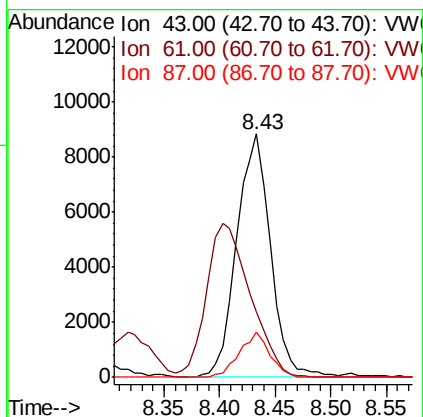
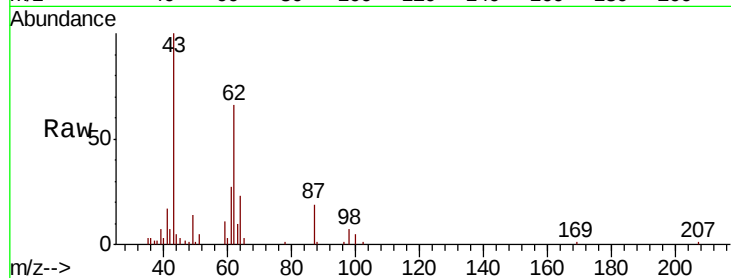




#43
Isopropyl Acetate
Concen: 12.554 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

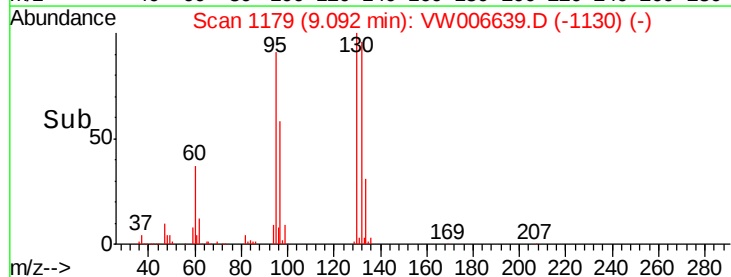
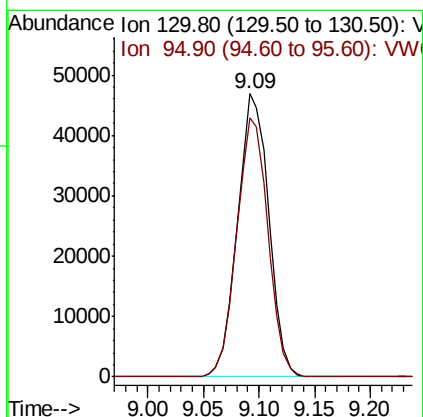
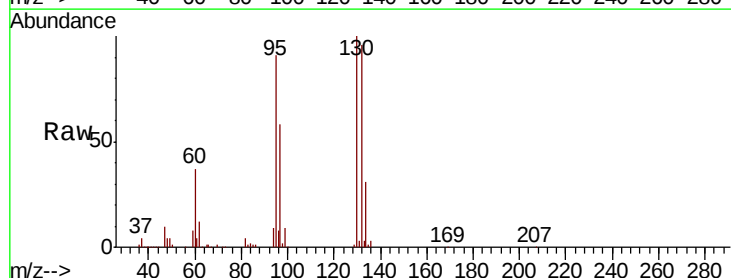
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

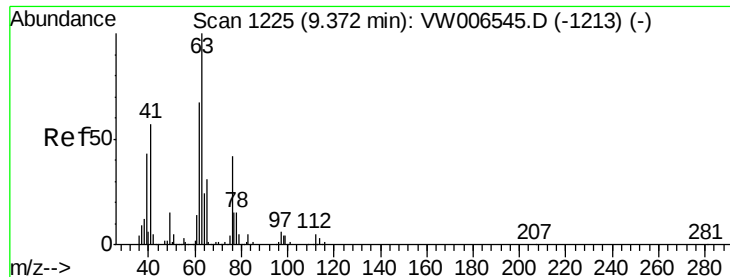
Tgt Ion: 43 Resp: 18602
Ion Ratio Lower Upper
43 100
61 0.0 27.2 40.8#
87 16.5 12.9 19.3



#44
Trichloroethene
Concen: 48.663 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 130 Resp: 91397
Ion Ratio Lower Upper
130 100
95 91.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 60.642 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

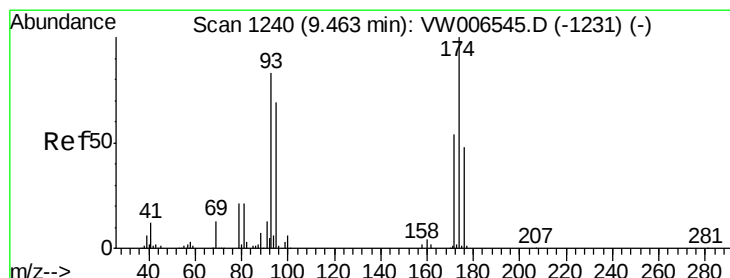
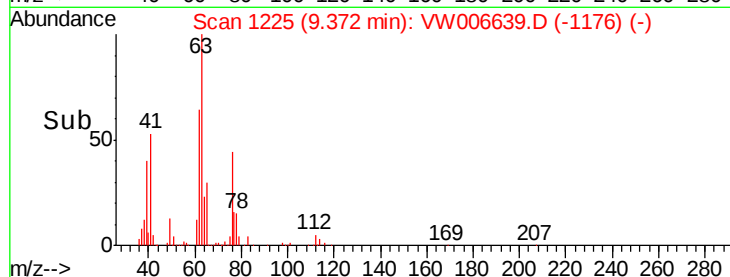
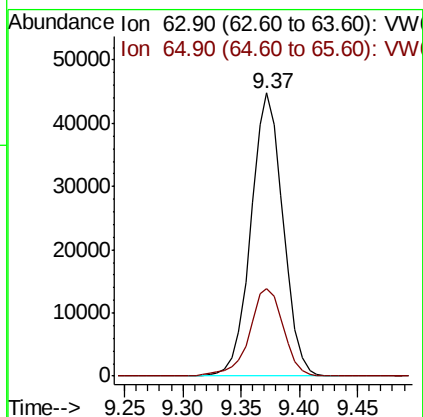
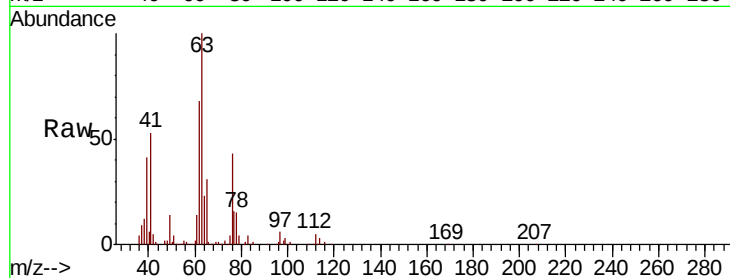
DL-SED-01MSD

Tgt Ion: 63 Resp: 85895

Ion Ratio Lower Upper

63 100

65 30.8 25.1 37.7



#46

Dibromomethane

Concen: 58.639 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

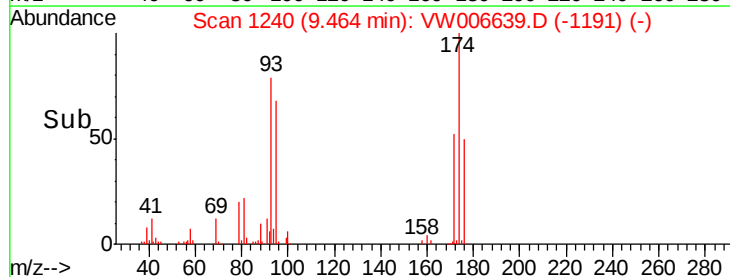
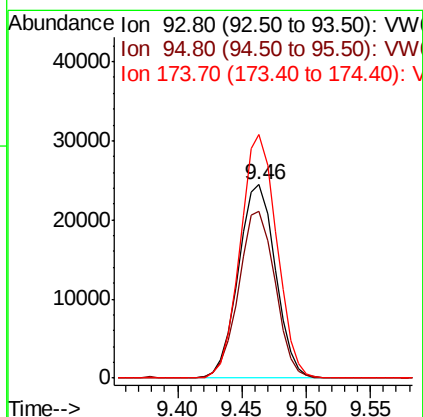
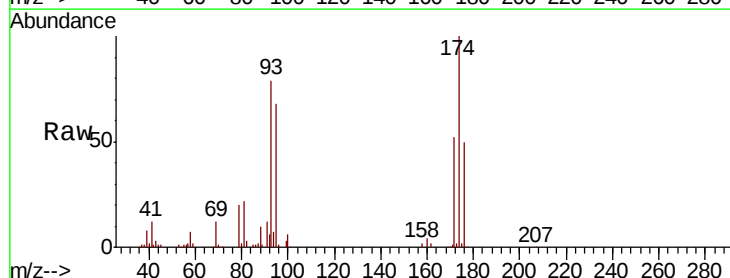
Tgt Ion: 93 Resp: 48824

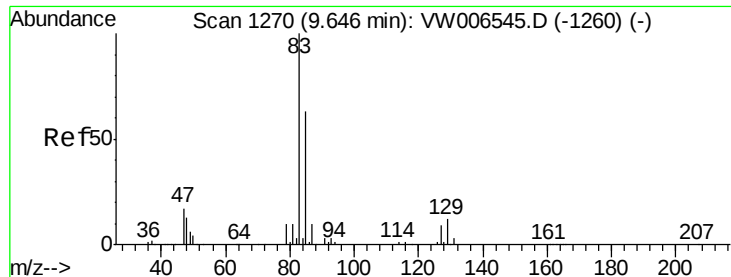
Ion Ratio Lower Upper

93 100

95 84.6 67.2 100.8

174 123.6 97.3 145.9

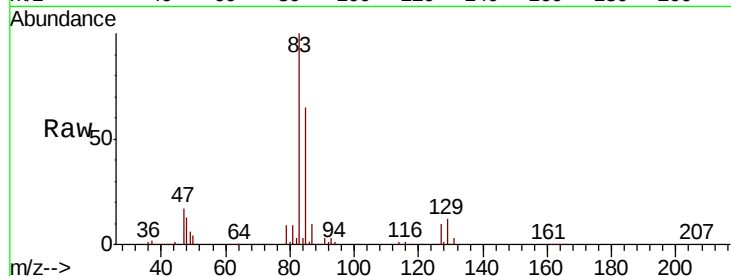




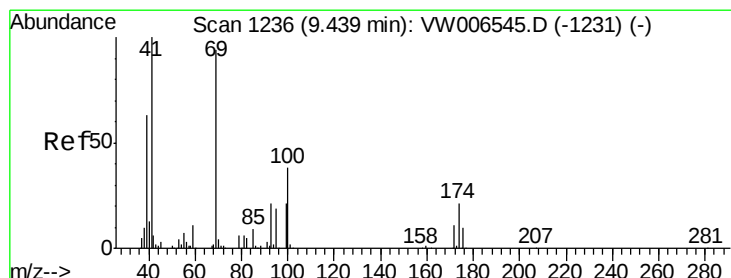
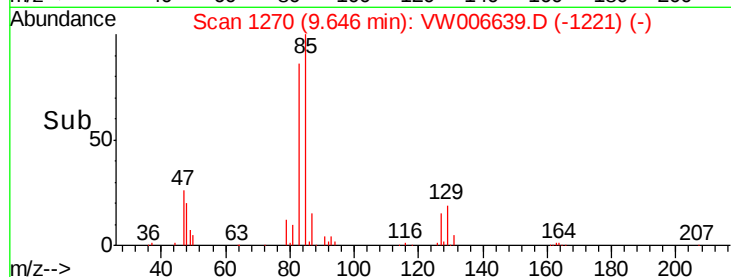
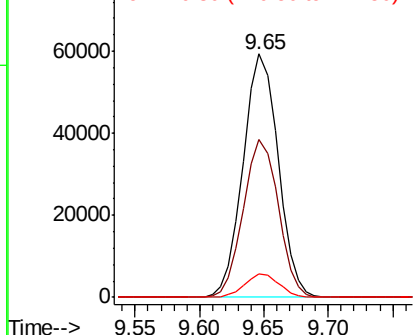
#47
 Bromodichloromethane
 Concen: 57.988 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tgt Ion: 83 Resp: 112107
 Ion Ratio Lower Upper
 83 100
 85 64.9 50.6 75.8
 127 9.7 7.5 11.3

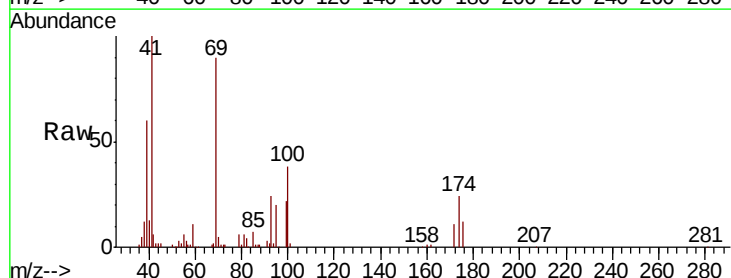


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): VW

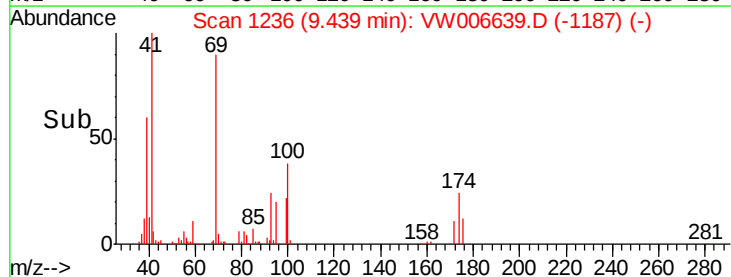
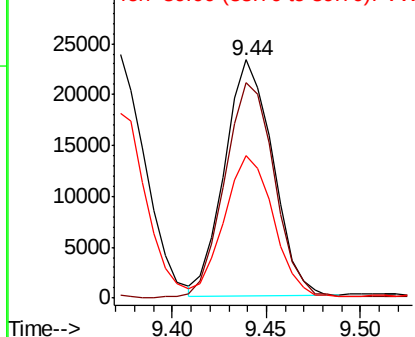


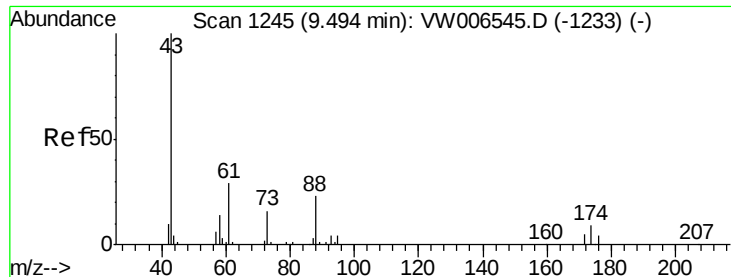
#48
 Methyl methacrylate
 Concen: 57.425 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion: 41 Resp: 40997
 Ion Ratio Lower Upper
 41 100
 69 94.1 77.8 116.8
 39 60.6 48.7 73.1



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: 1228.938 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

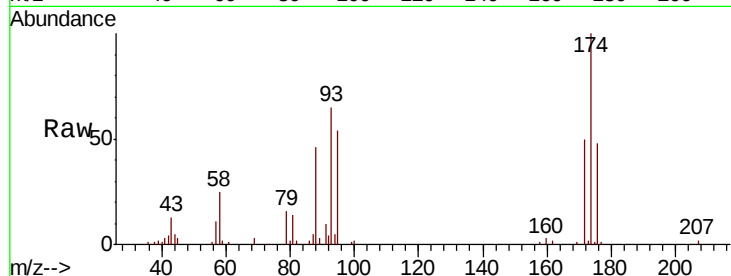
Tgt Ion: 88 Resp: 14975

Ion Ratio Lower Upper

88 100

43 0.0 356.6 534.8#

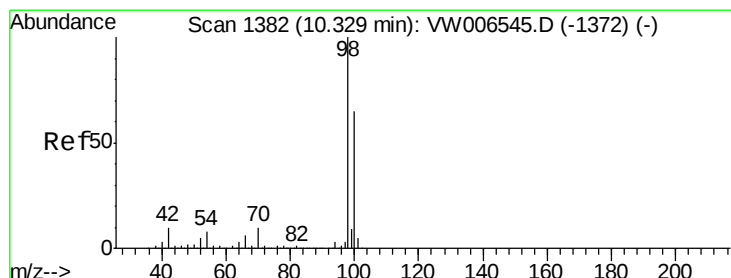
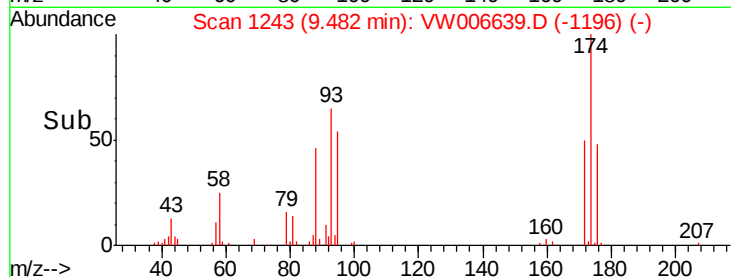
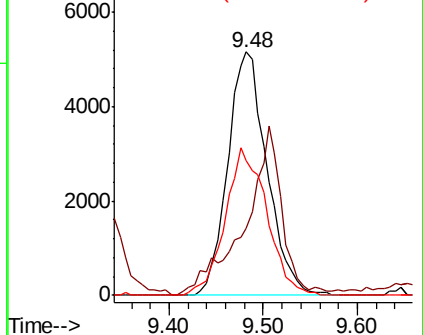
58 64.0 51.4 77.2



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: 46.655 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006639.D

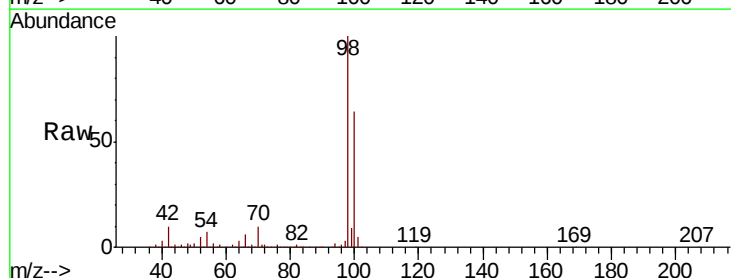
Acq: 05 Nov 2018 16:32

Tgt Ion: 98 Resp: 271599

Ion Ratio Lower Upper

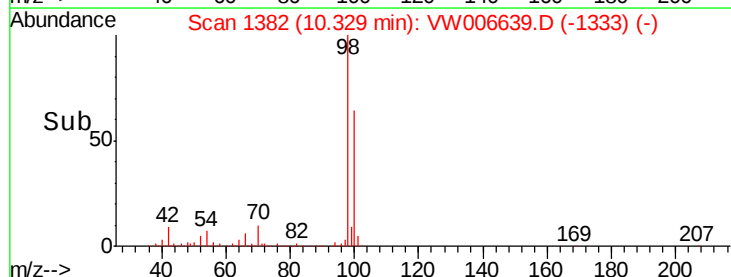
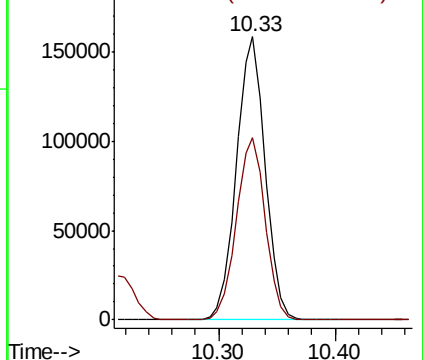
98 100

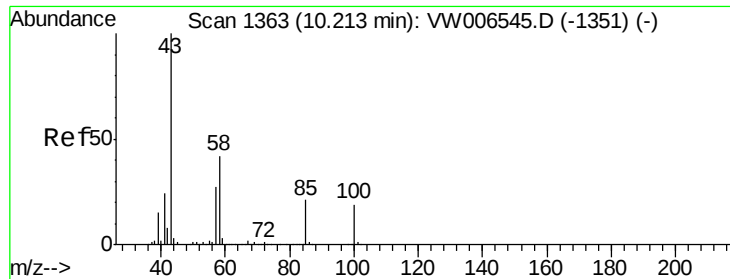
100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

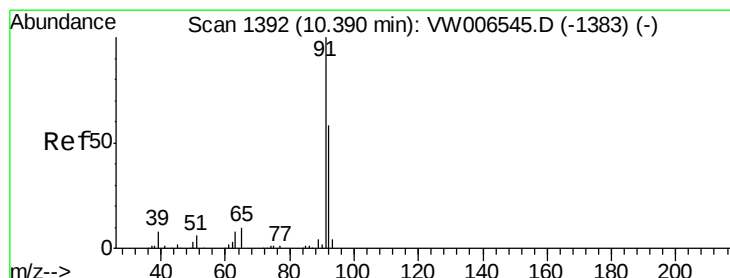
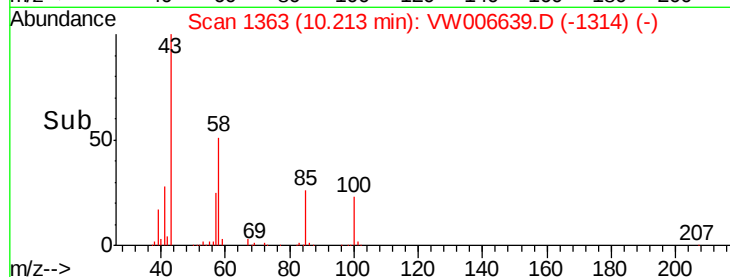
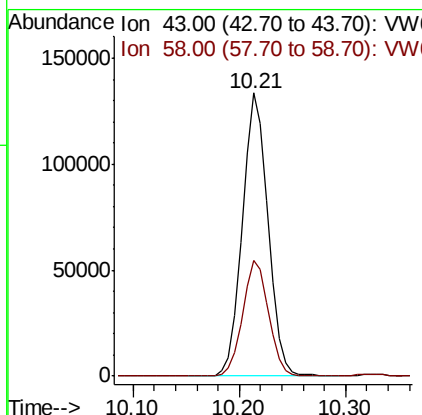
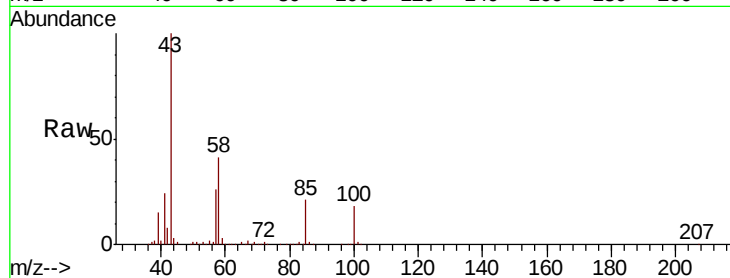




#51
 4-Methyl-2-Pentanone
 Concen: 297.041 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

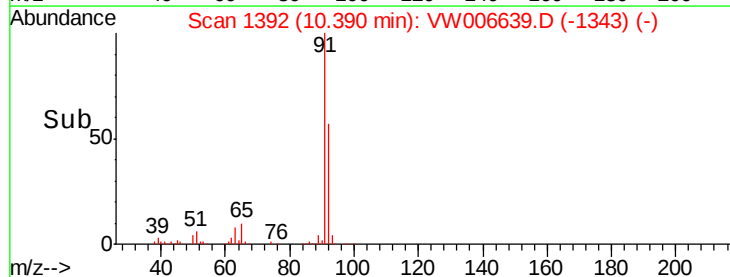
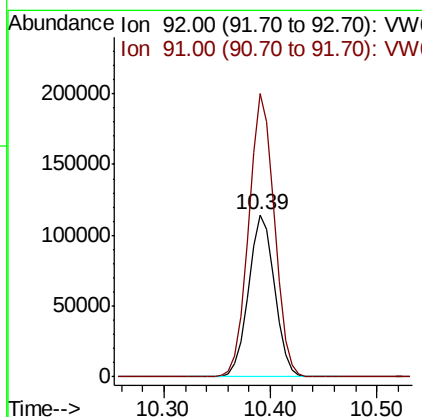
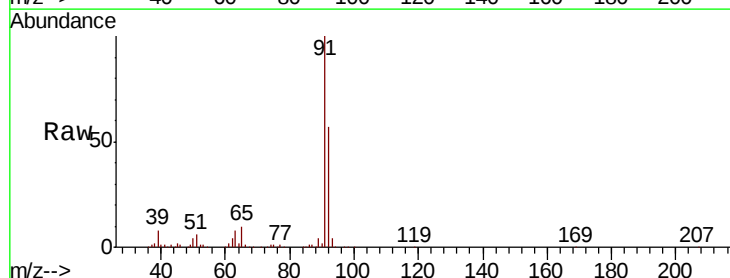
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

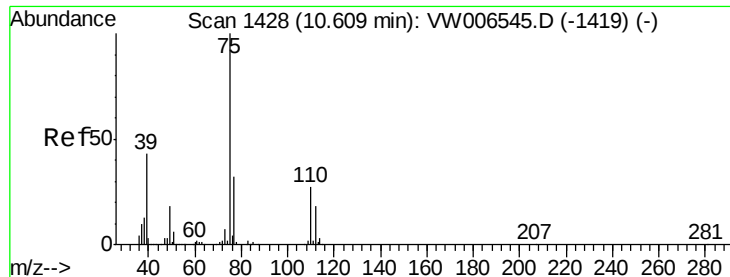
Tgt Ion: 43 Resp: 226057
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.4 50.0



#52
 Toluene
 Concen: 48.016 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion: 92 Resp: 196014
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 47.224 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

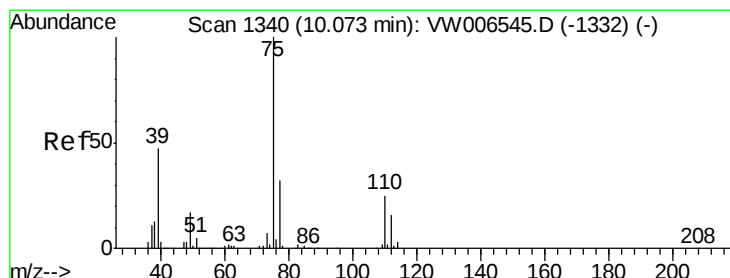
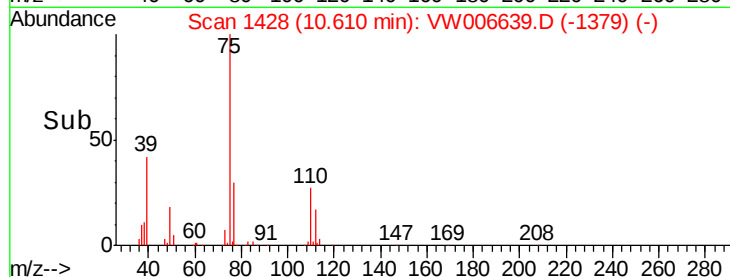
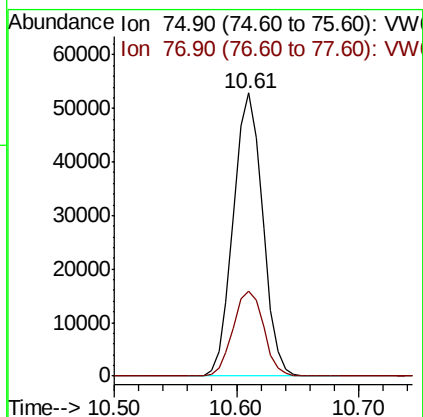
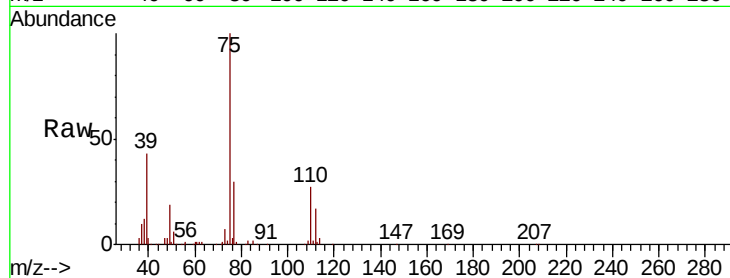
DL-SED-01MSD

Tgt Ion: 75 Resp: 87866

Ion Ratio Lower Upper

75 100

77 30.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 45.023 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

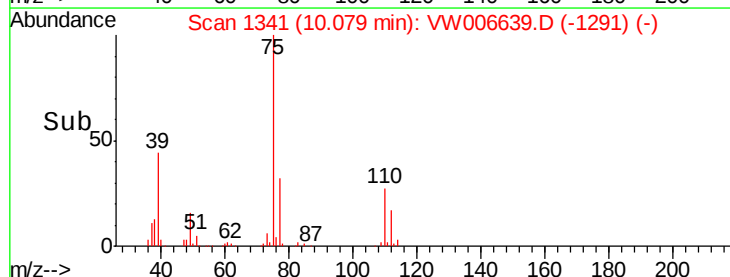
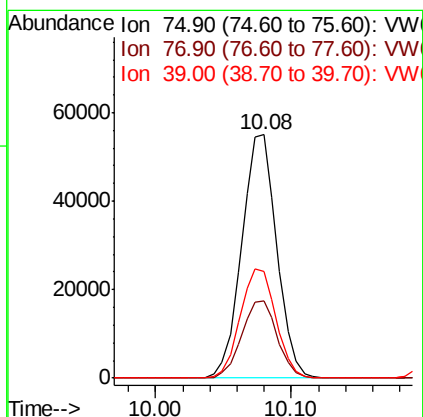
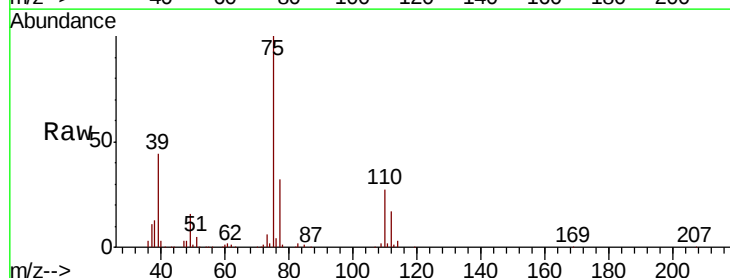
Tgt Ion: 75 Resp: 98993

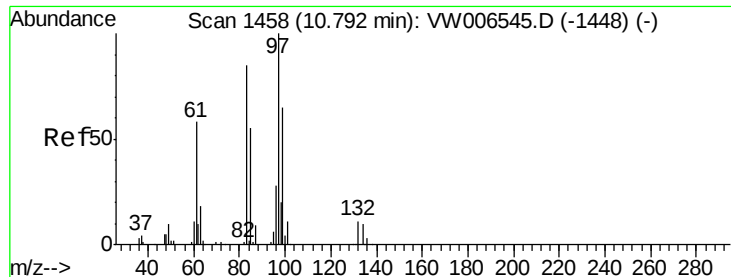
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 43.8 37.3 55.9

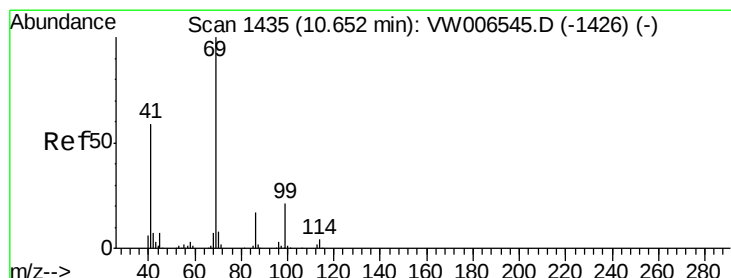
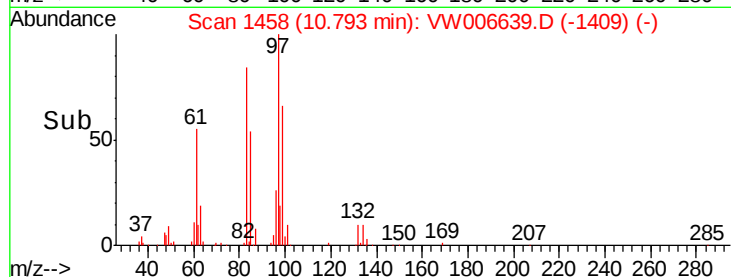
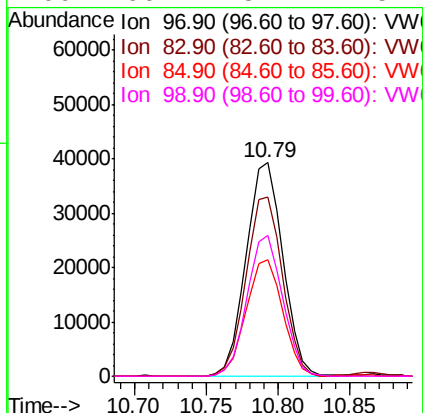
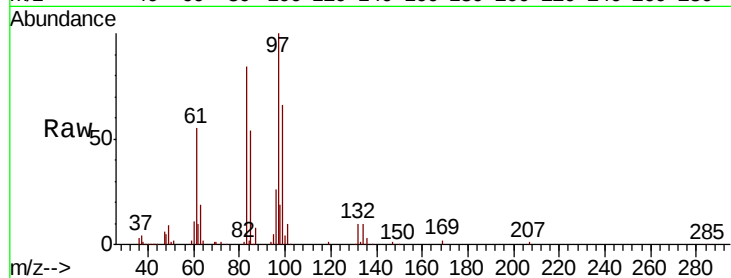




#55
 1,1,2-Trichloroethane
 Concen: 58.851 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

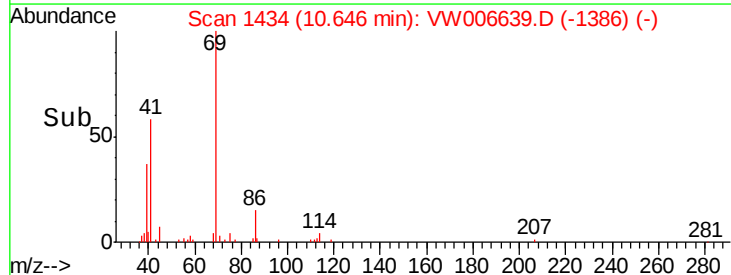
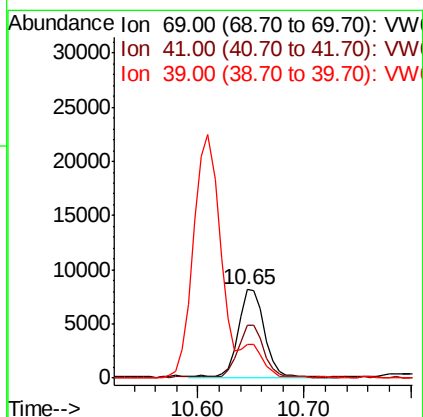
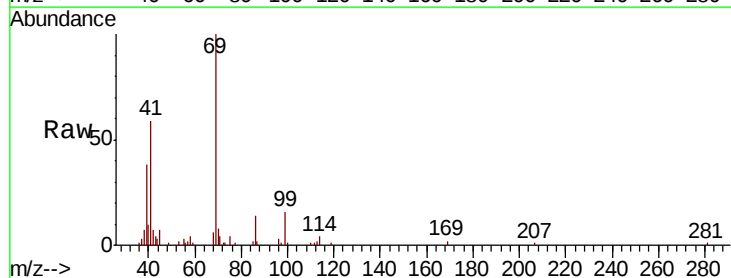
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

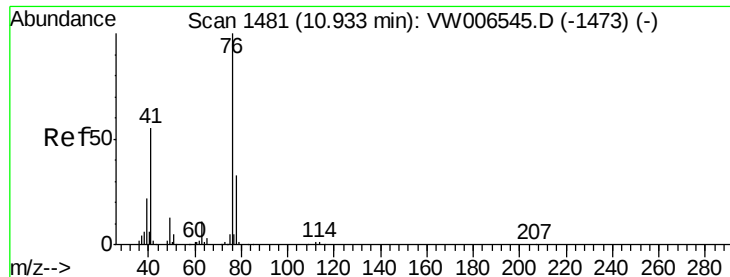
Tgt Ion:	97	Resp:	69525
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.9	101.9
85	54.4	44.0	66.0
99	66.2	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 10.390 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion:	69	Resp:	13951
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.4	71.2
39	0.0	25.3	37.9#





#57

1,3-Dichloropropane

Concen: 56.680 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

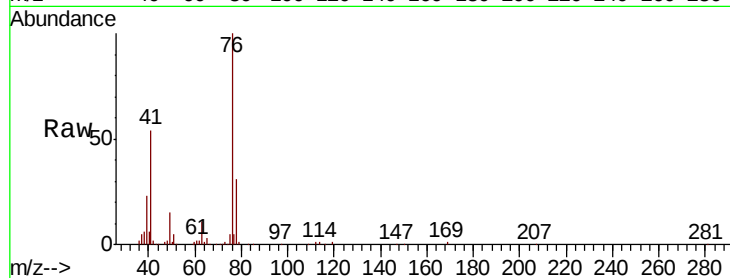
DL-SED-01MSD

Tgt Ion: 76 Resp: 108731

Ion Ratio Lower Upper

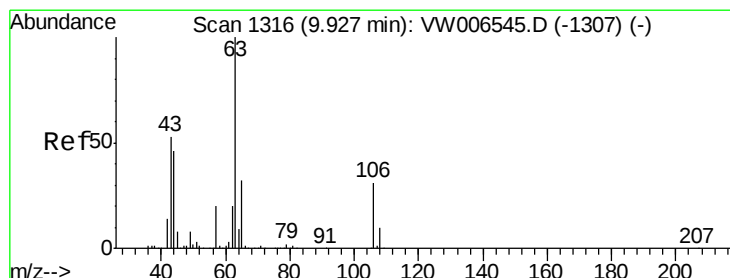
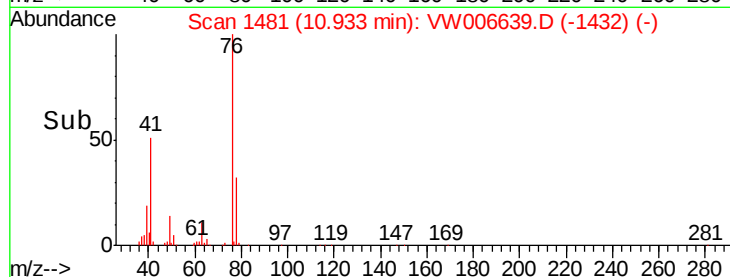
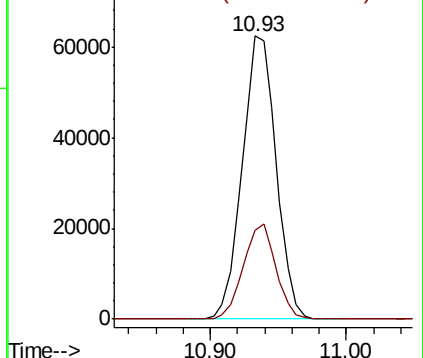
76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 234.543 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006639.D

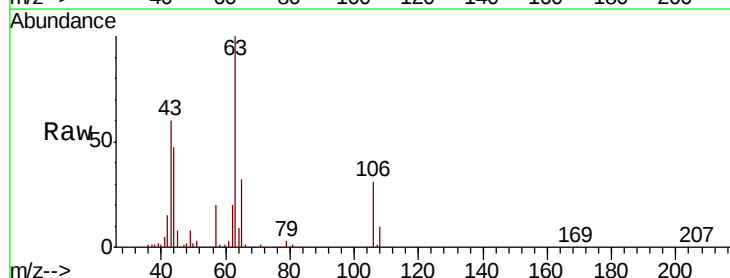
Acq: 05 Nov 2018 16:32

Tgt Ion: 63 Resp: 153091

Ion Ratio Lower Upper

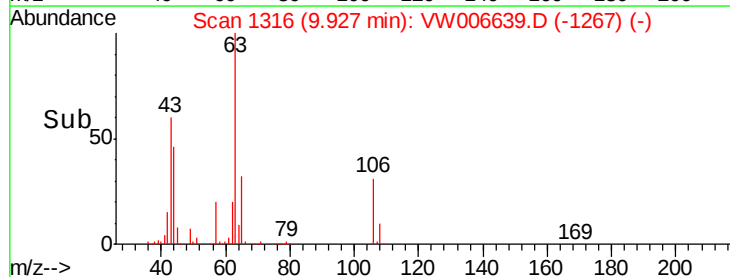
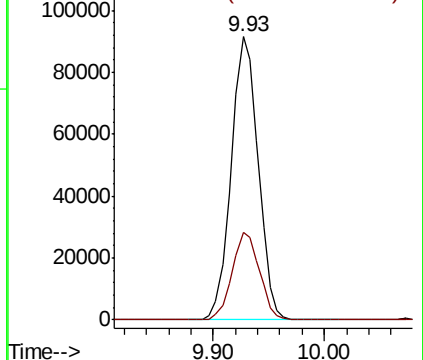
63 100

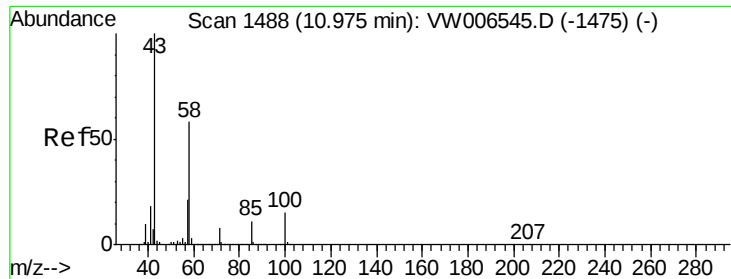
106 31.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

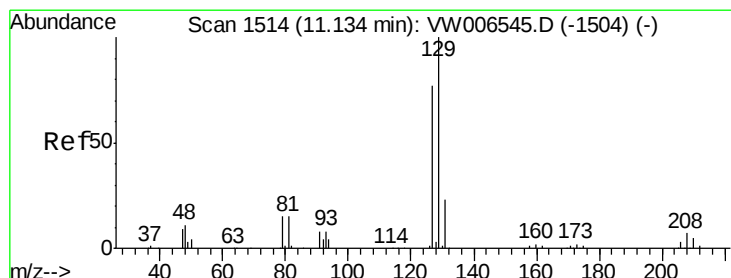
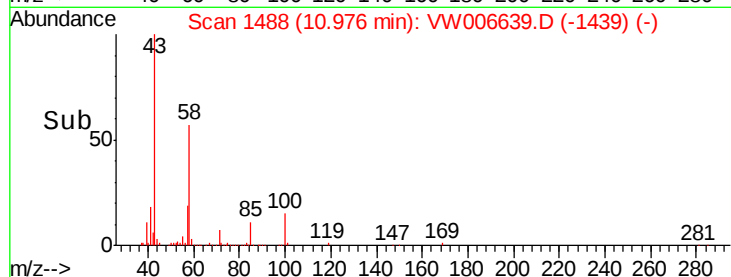
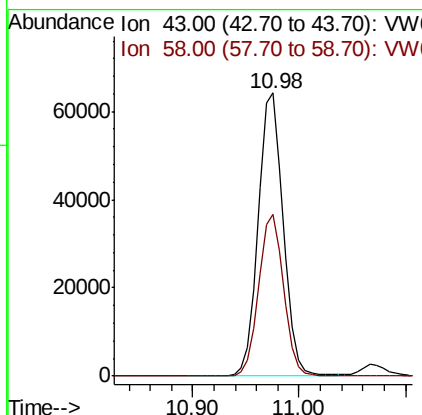
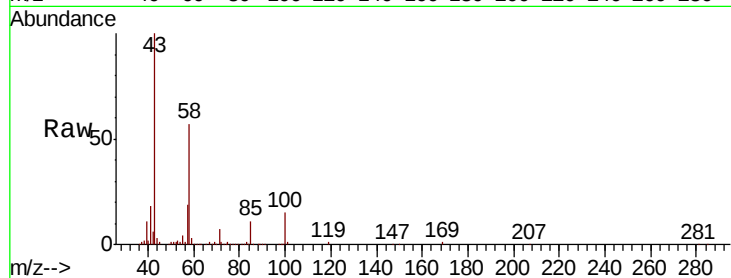




#59
2-Hexanone
Concen: 205.257 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

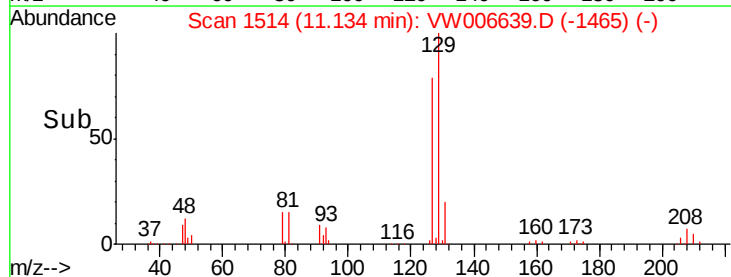
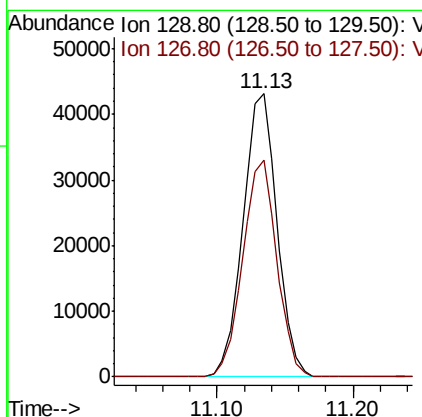
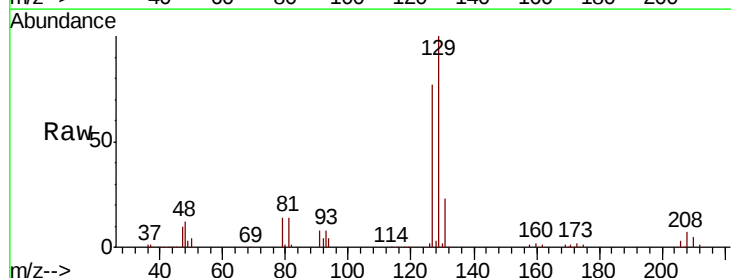
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tgt Ion: 43 Resp: 106094
Ion Ratio Lower Upper
43 100
58 57.0 28.8 86.4



#60
Dibromochloromethane
Concen: 53.945 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 129 Resp: 75507
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.435 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

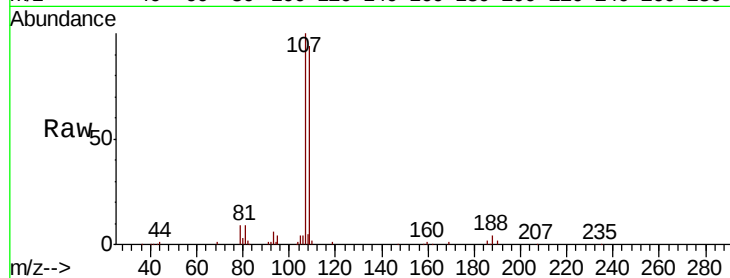
DL-SED-01MSD

Tgt Ion: 107 Resp: 61515

Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

40000

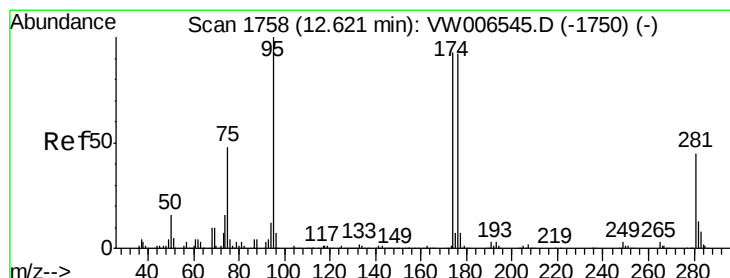
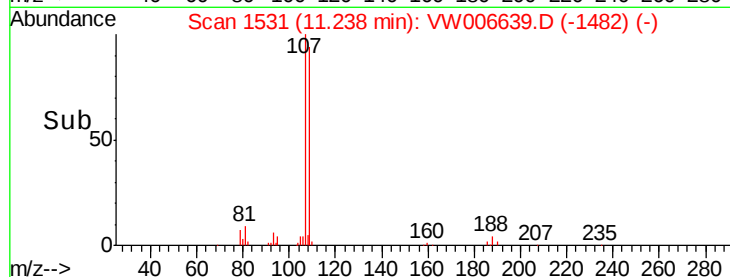
30000

20000

10000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 31.150 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

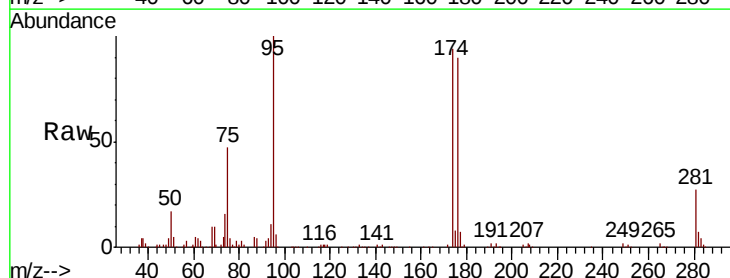
Tgt Ion: 95 Resp: 65742

Ion Ratio Lower Upper

95 100

174 96.9 0.0 192.4

176 95.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

50000

40000

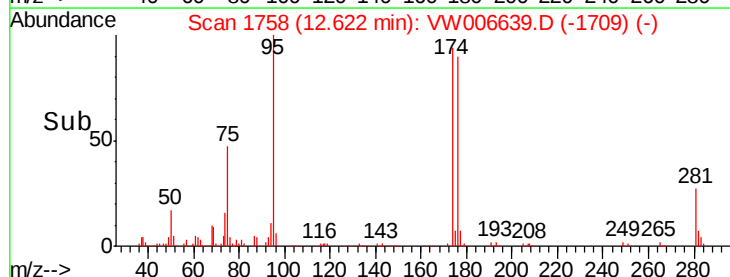
30000

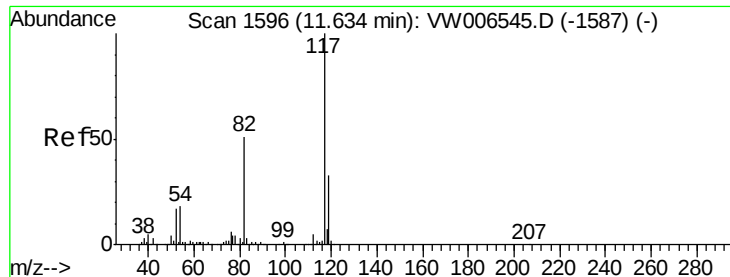
20000

10000

0

Time--> 12.55 12.60 12.65 12.70

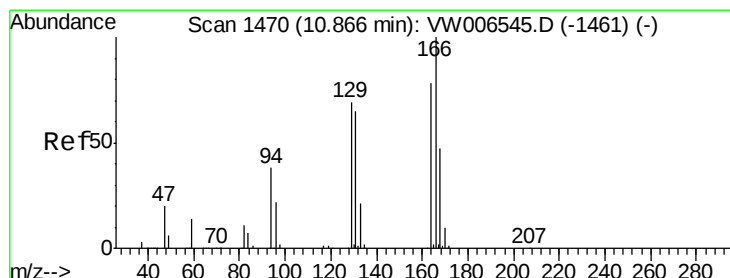
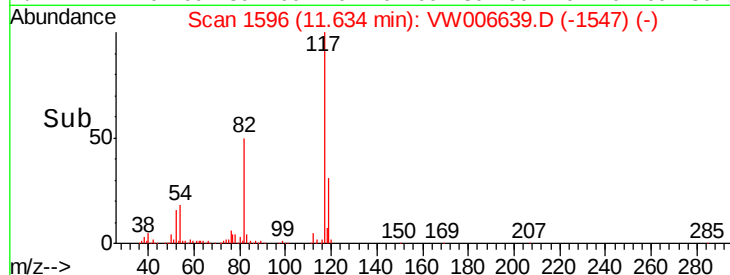
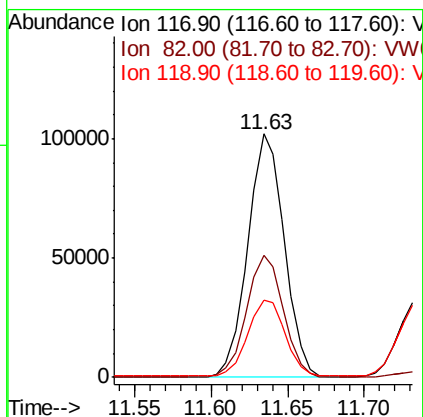
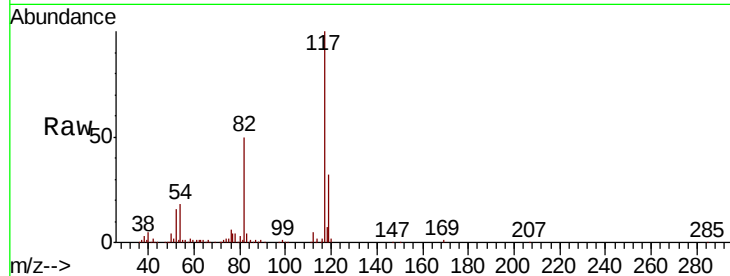




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

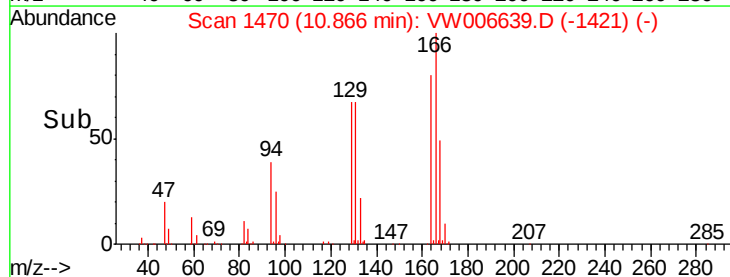
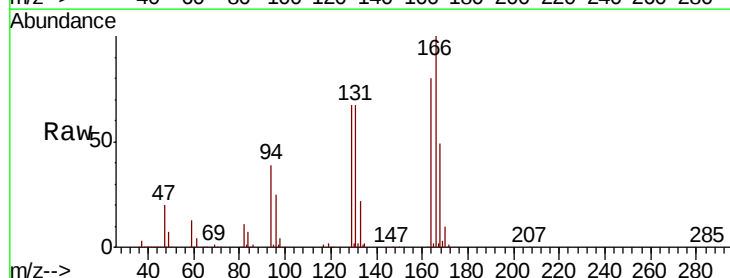
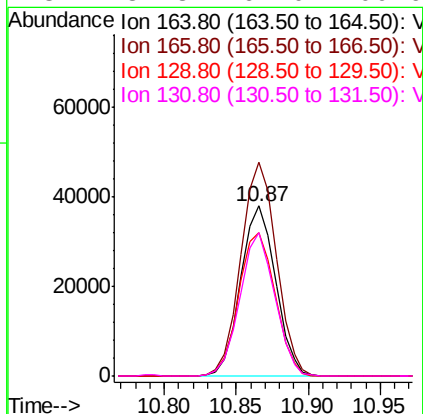
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

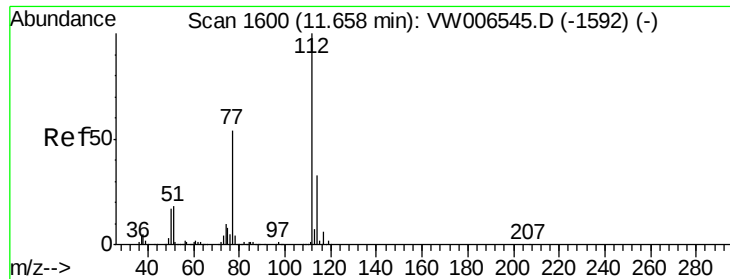
Tgt Ion:117 Resp: 169327
Ion Ratio Lower Upper
117 100
82 50.2 40.8 61.2
119 31.3 26.1 39.1



#64
Tetrachloroethene
Concen: 47.225 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion:164 Resp: 63743
Ion Ratio Lower Upper
164 100
166 125.7 102.8 154.2
129 84.0 70.9 106.3
131 84.3 67.0 100.6

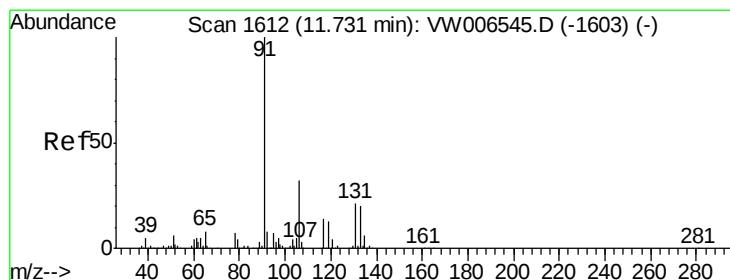
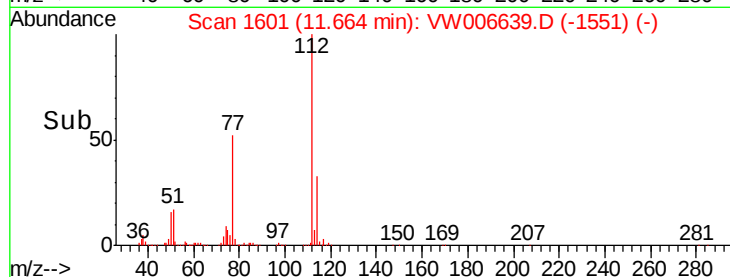
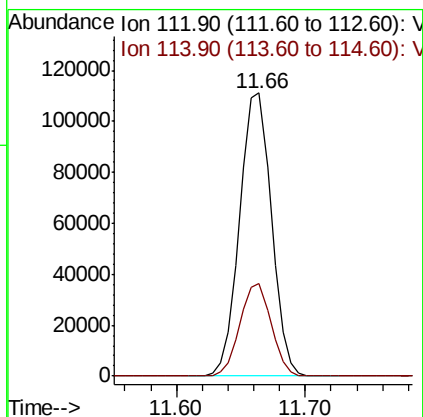
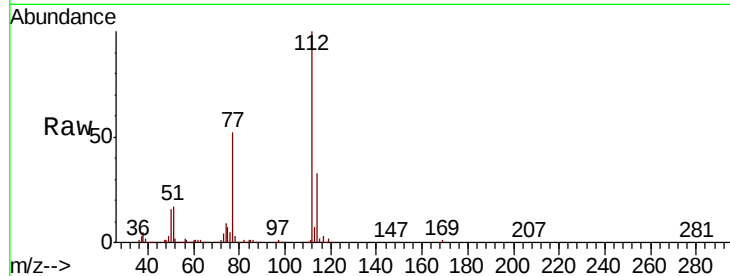




#65
Chlorobenzene
Concen: 53.290 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

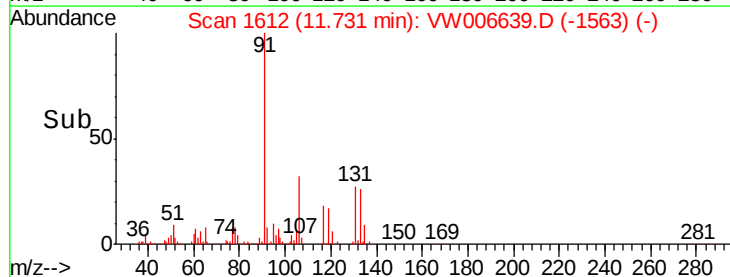
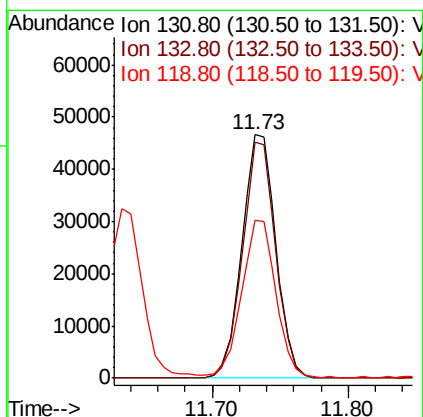
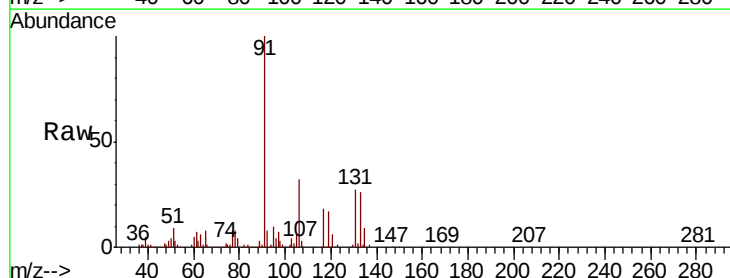
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

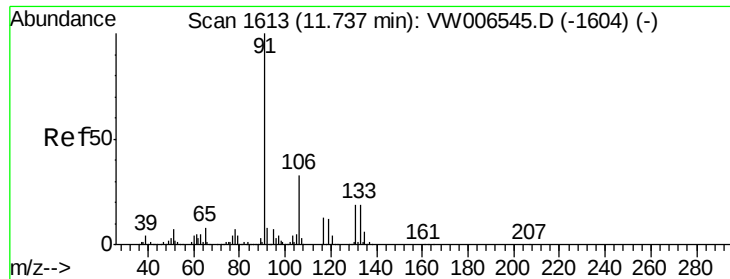
Tgt Ion:112 Resp: 189880
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 64.782 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion:131 Resp: 81132
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 65.1 31.9 95.5





#67

Ethyl Benzene

Concen: 50.017 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

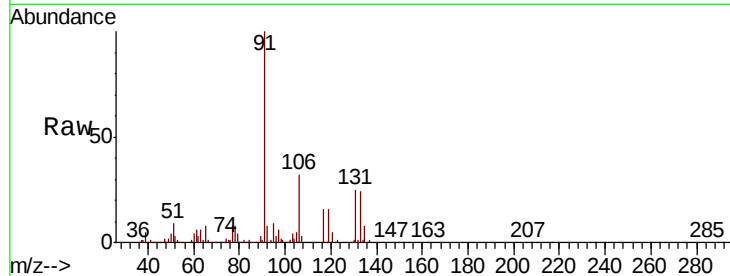
DL-SED-01MSD

Tgt Ion: 91 Resp: 297886

Ion Ratio Lower Upper

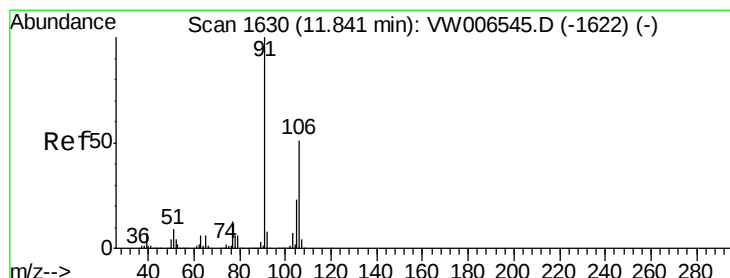
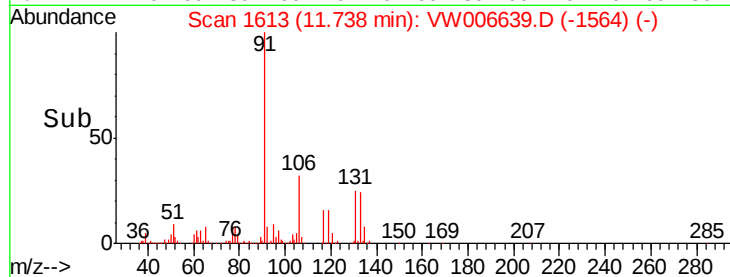
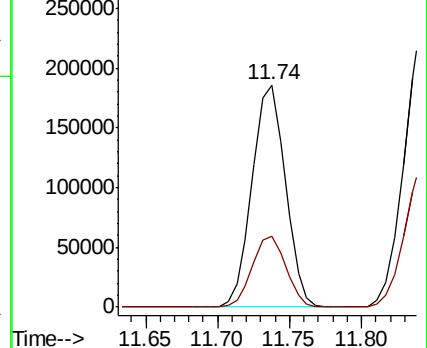
91 100

106 32.1 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.170 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW006639.D

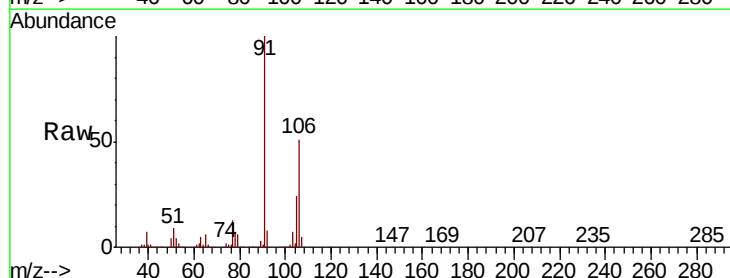
Acq: 05 Nov 2018 16:32

Tgt Ion: 106 Resp: 231208

Ion Ratio Lower Upper

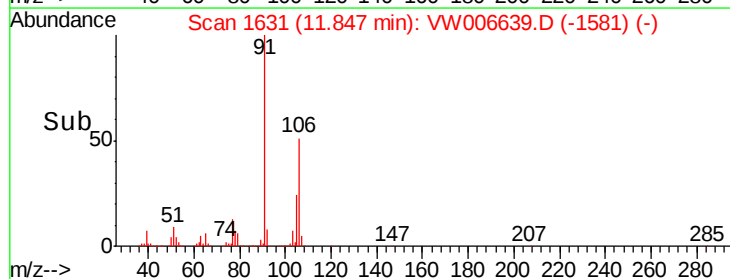
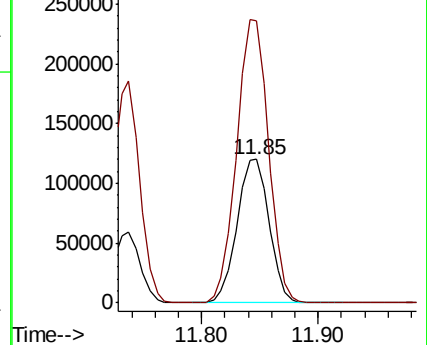
106 100

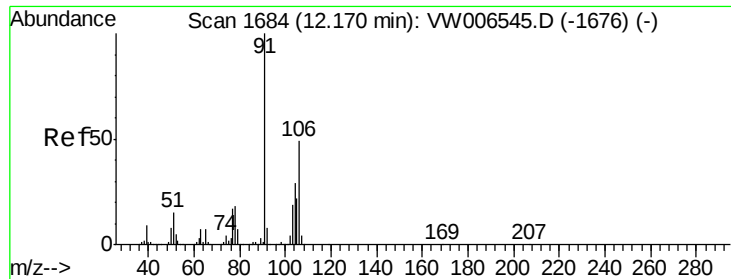
91 195.4 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

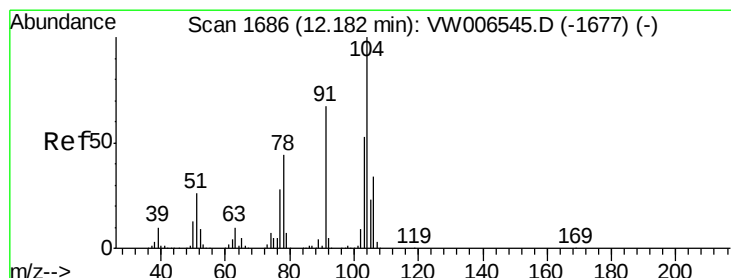
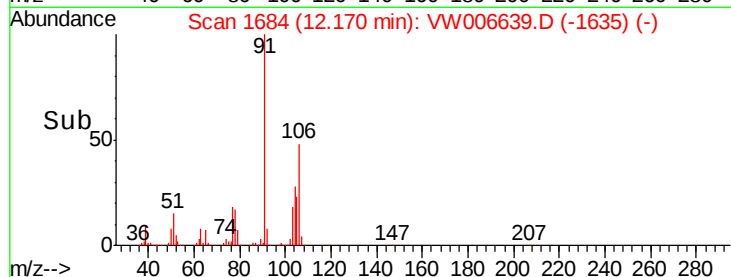
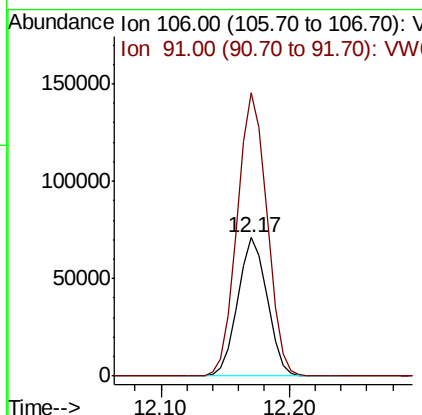
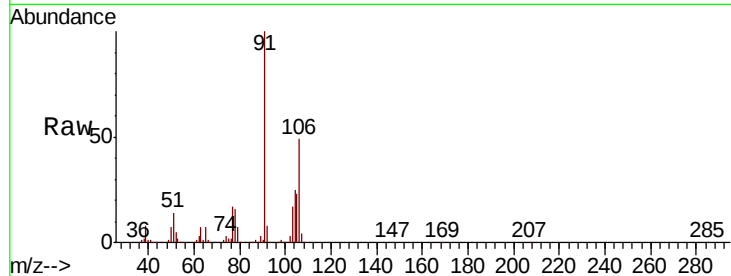




#69
o-Xylene
Concen: 49.699 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

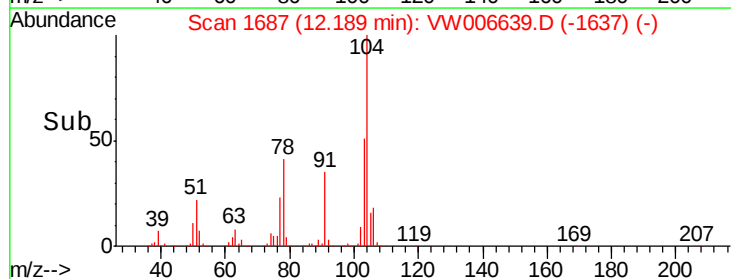
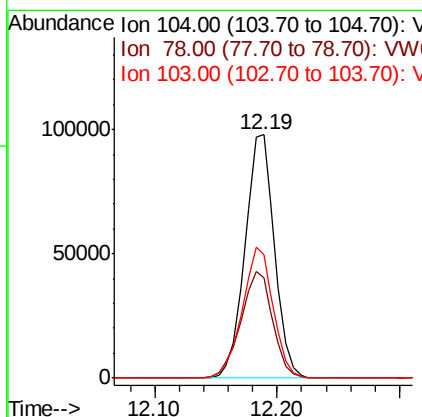
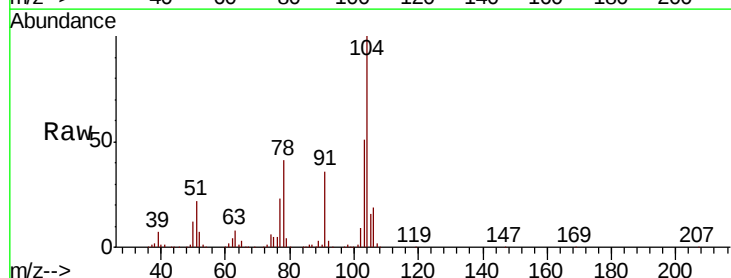
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

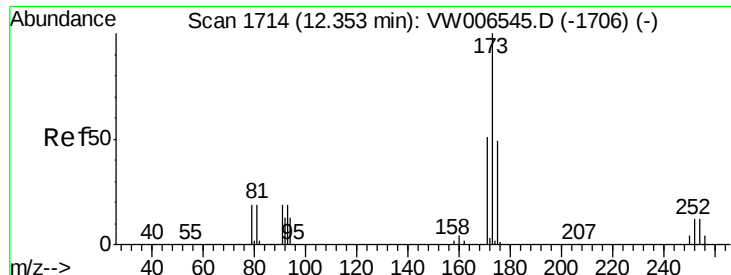
Tgt Ion:106 Resp: 112580
Ion Ratio Lower Upper
106 100
91 207.1 102.8 308.4



#70
Styrene
Concen: 44.326 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion:104 Resp: 163704
Ion Ratio Lower Upper
104 100
78 47.4 37.2 55.8
103 56.6 44.2 66.2

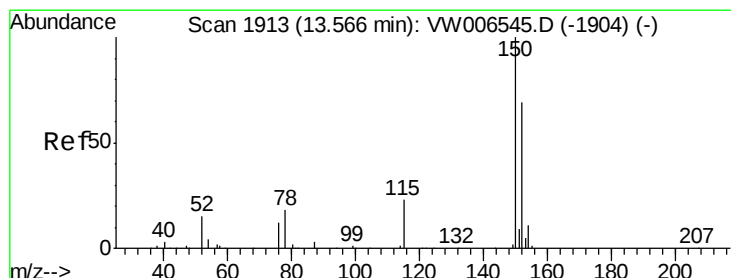
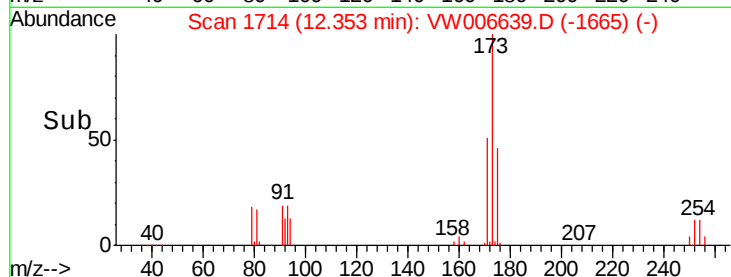
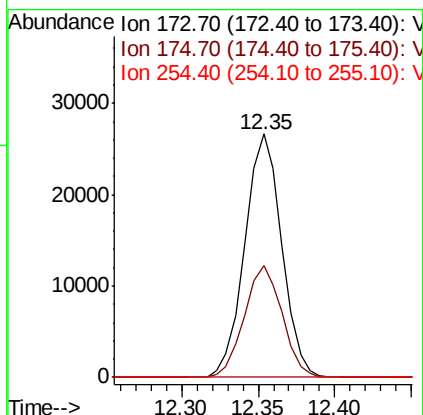
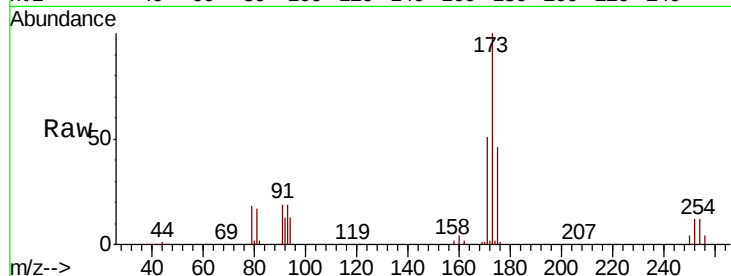




#71
Bromoform
Concen: 67.139 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

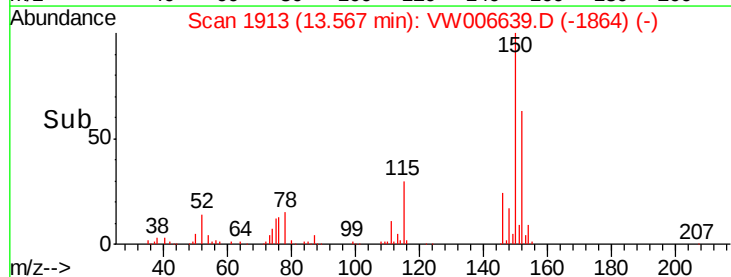
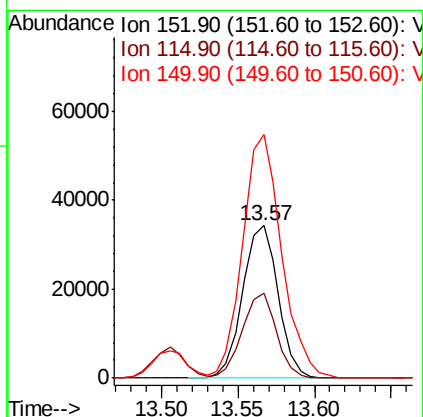
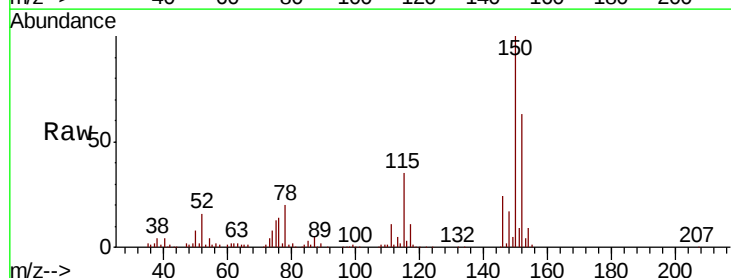
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

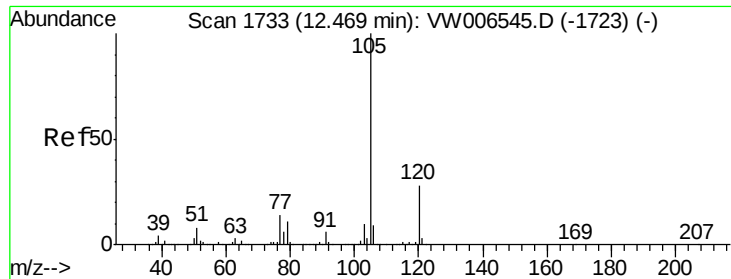
Tgt Ion:173 Resp: 44572
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion:152 Resp: 55120
Ion Ratio Lower Upper
152 100
115 54.0 26.6 79.8
150 175.6 0.0 344.6





#73

Isopropylbenzene

Concen: 65.096 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

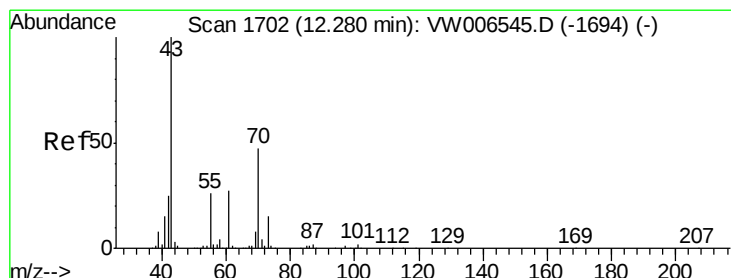
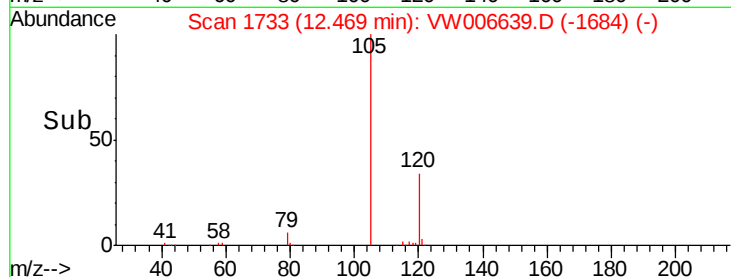
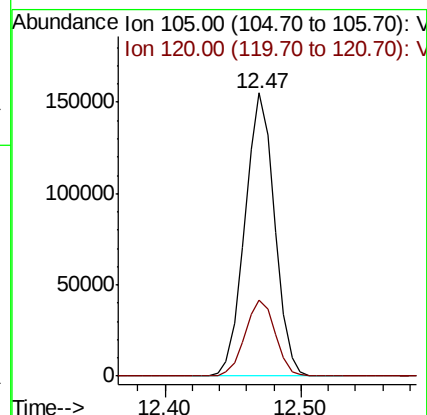
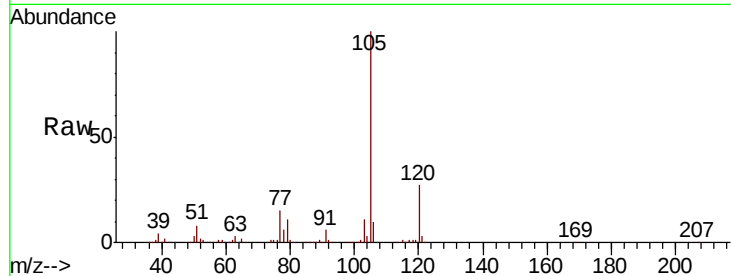
DL-SED-01MSD

Tgt Ion:105 Resp: 236364

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 2.811 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Tgt Ion: 43 Resp: 1764

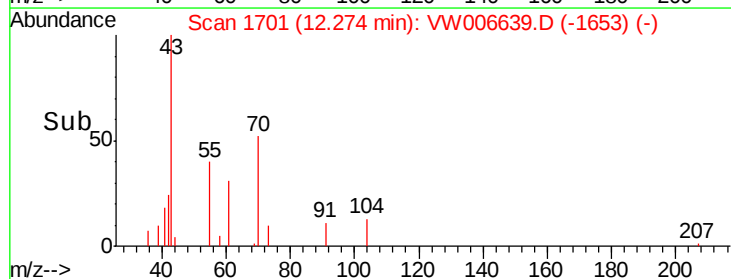
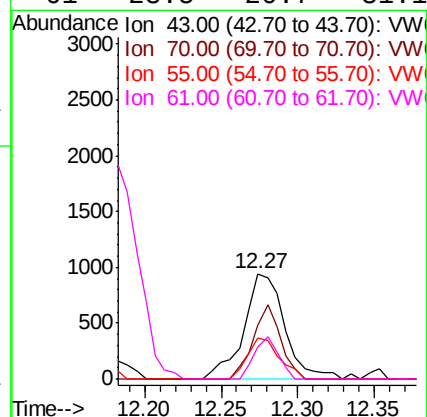
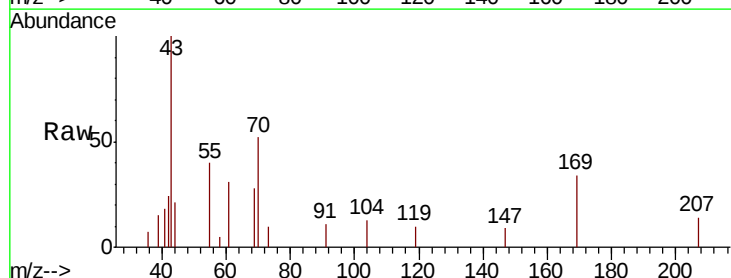
Ion Ratio Lower Upper

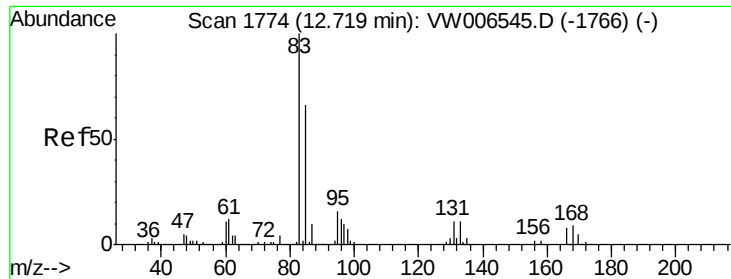
43 100

70 47.1 36.9 55.3

55 30.3 20.7 31.1

61 23.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 114.863 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

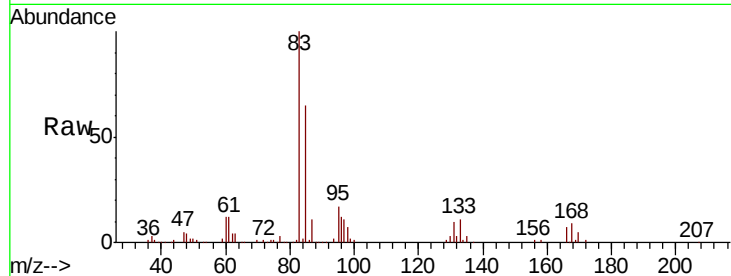
Tgt Ion: 83 Resp: 65873

Ion Ratio Lower Upper

83 100

131 11.3 5.9 17.7

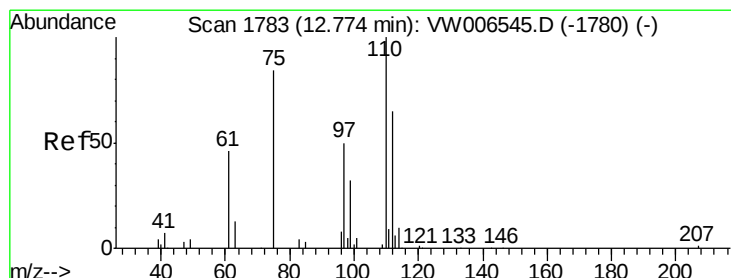
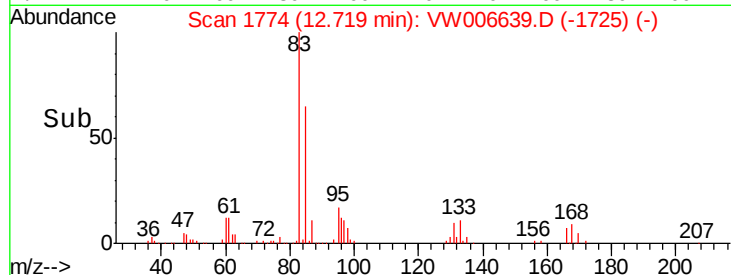
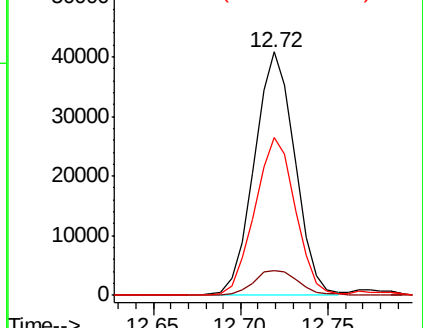
85 64.9 32.3 96.8



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: 175.259 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006639.D

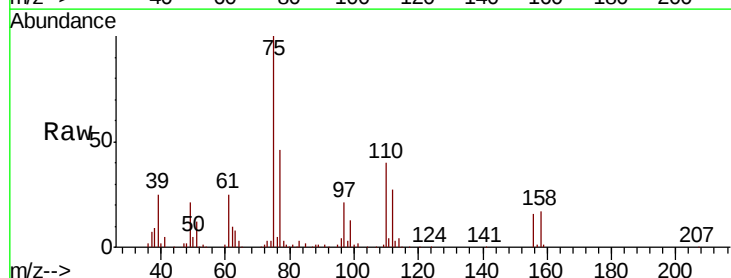
Acq: 05 Nov 2018 16:32

Tgt Ion: 75 Resp: 75372

Ion Ratio Lower Upper

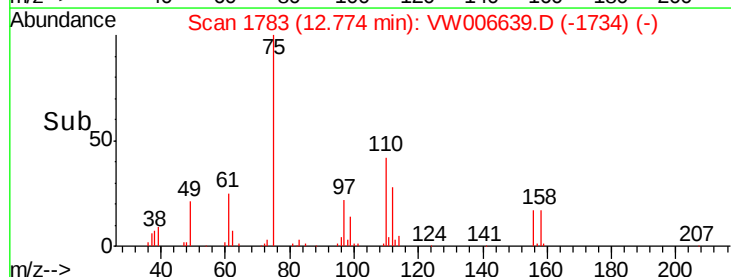
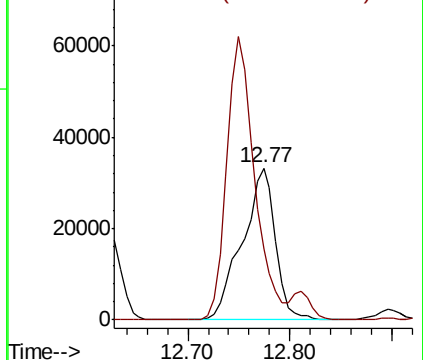
75 100

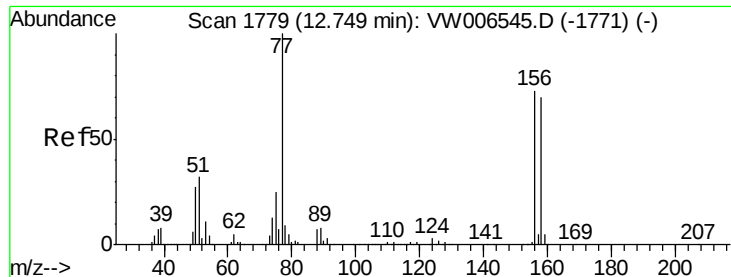
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 76.817 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

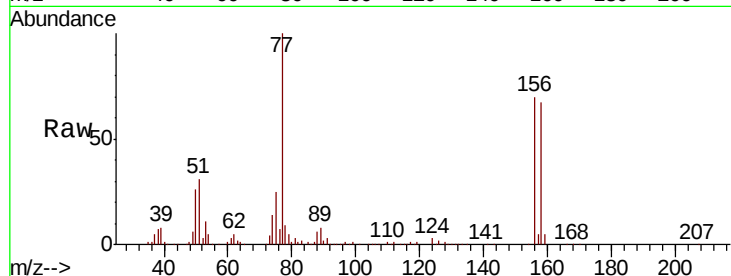
Tgt Ion:156 Resp: 72217

Ion Ratio Lower Upper

156 100

77 161.3 75.9 227.8

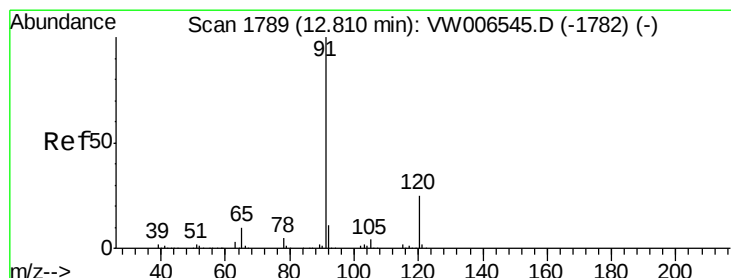
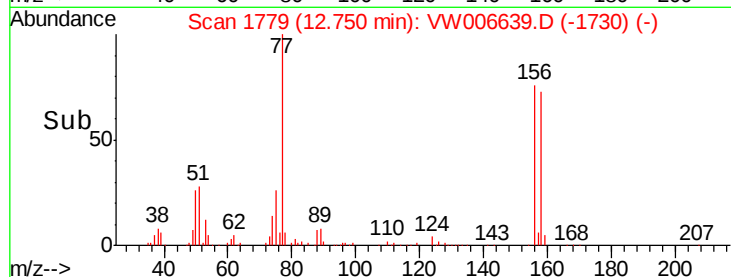
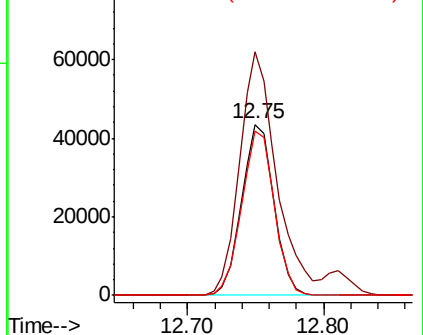
158 97.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.205 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006639.D

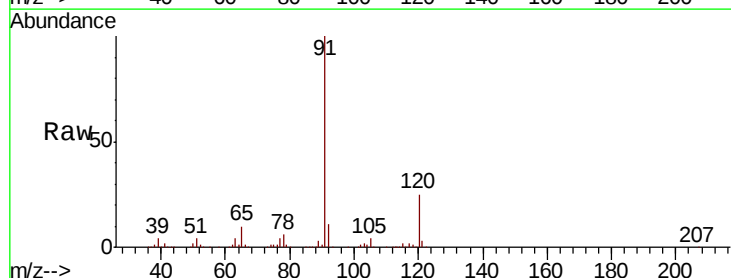
Acq: 05 Nov 2018 16:32

Tgt Ion: 91 Resp: 230561

Ion Ratio Lower Upper

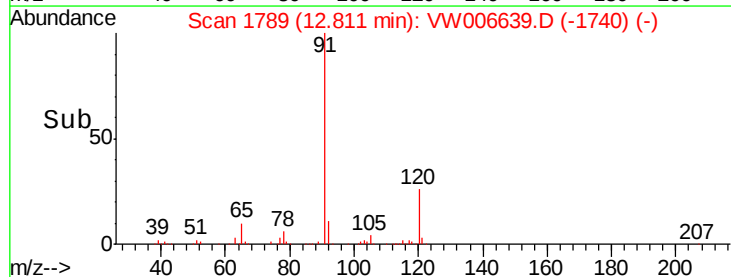
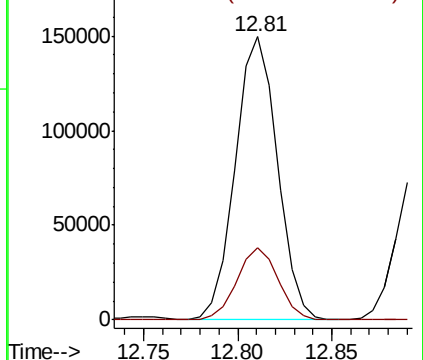
91 100

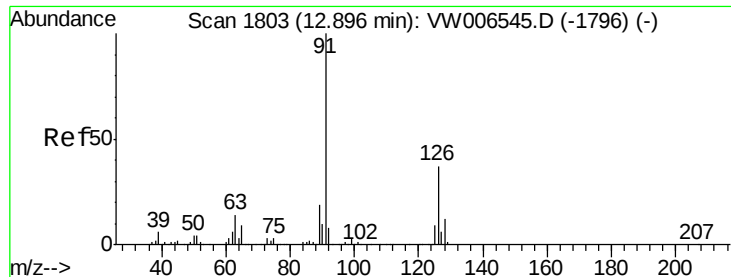
120 25.1 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 61.731 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

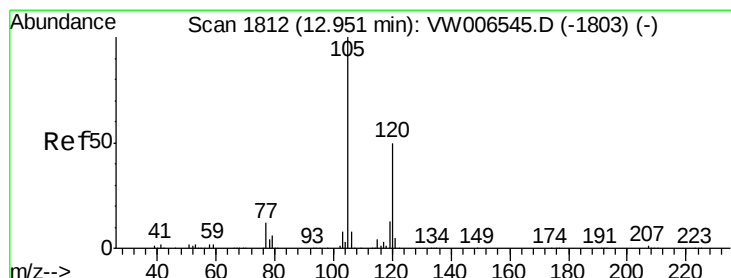
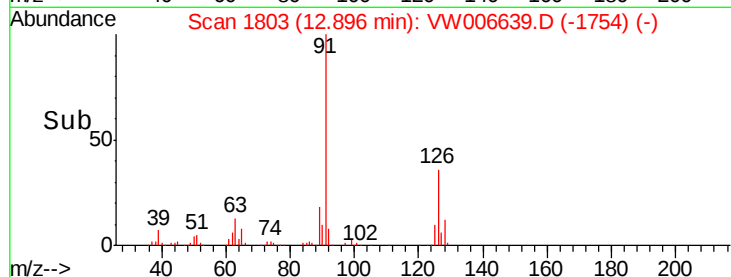
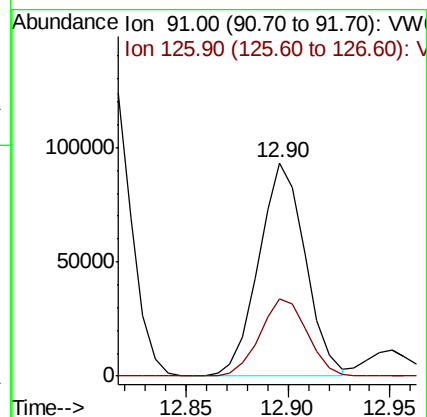
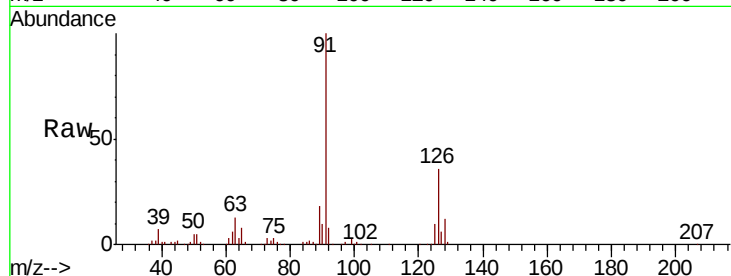
DL-SED-01MSD

Tgt Ion: 91 Resp: 147962

Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 55.684 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006639.D

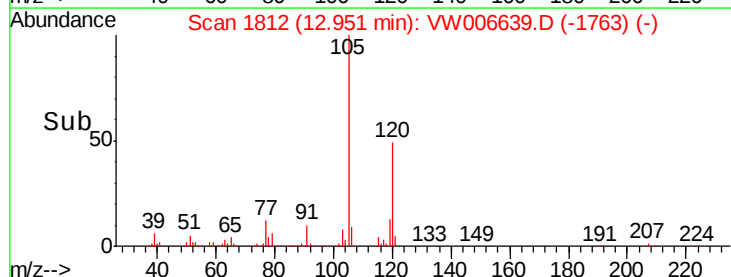
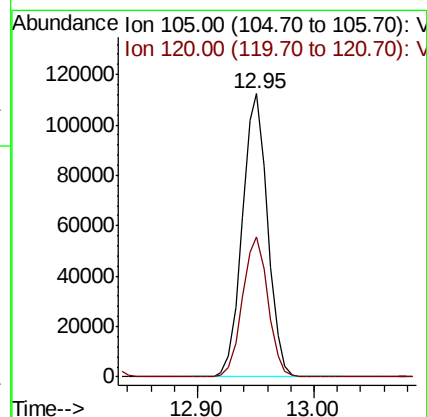
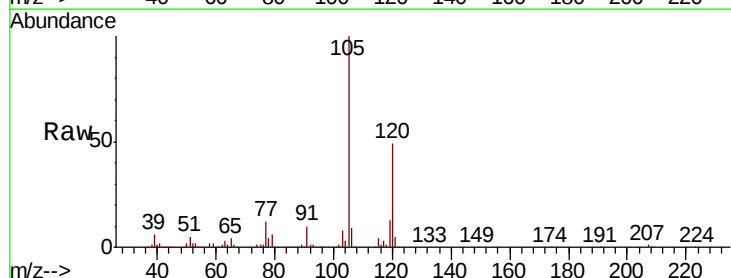
Acq: 05 Nov 2018 16:32

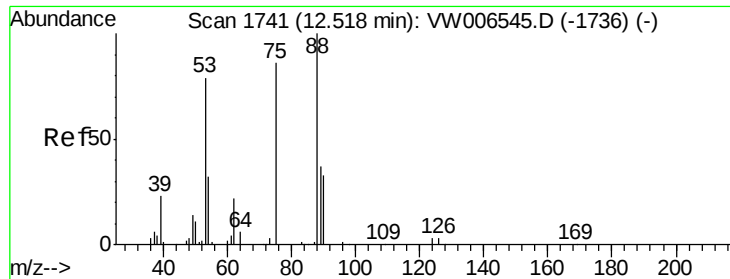
Tgt Ion: 105 Resp: 169864

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3

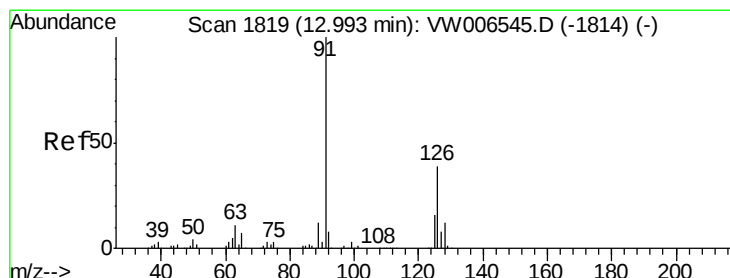
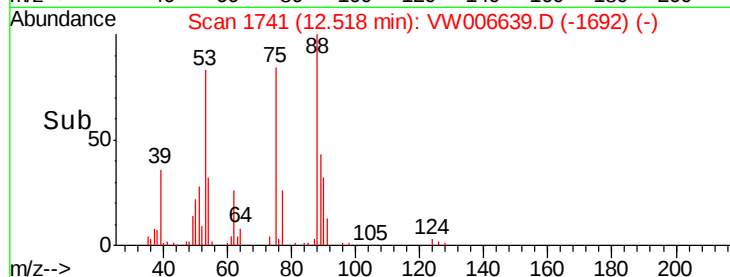
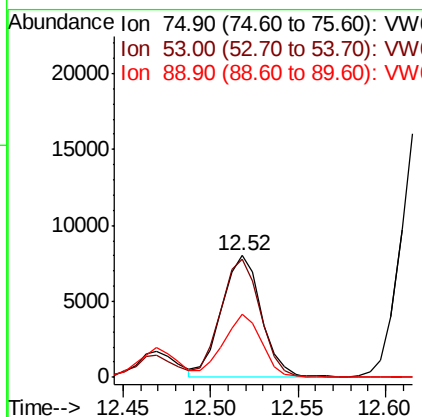
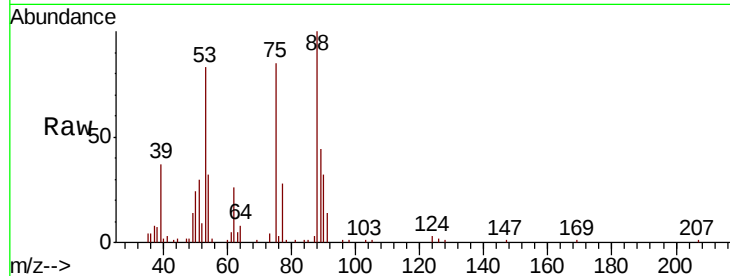




#81
trans-1,4-Dichloro-2-butene
Concen: 74.879 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

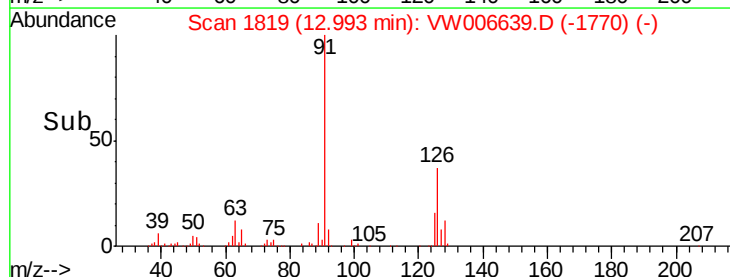
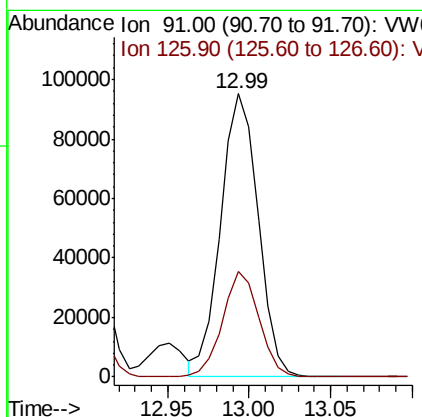
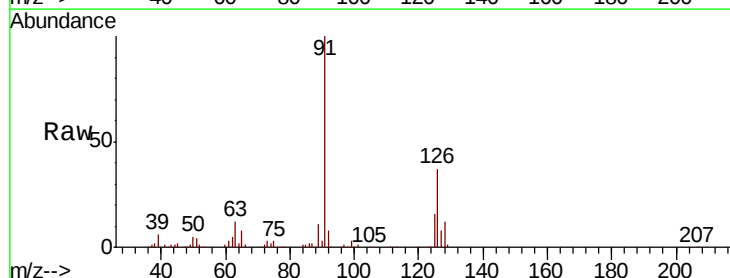
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

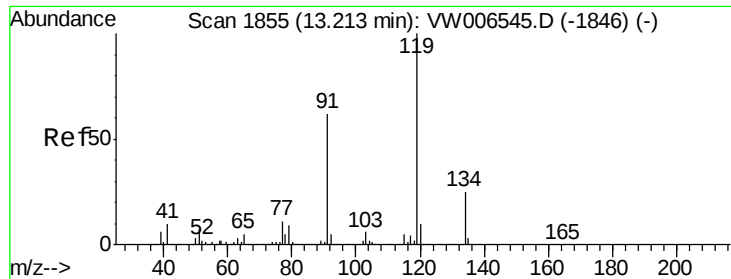
Tgt Ion: 75 Resp: 12667
Ion Ratio Lower Upper
75 100
53 97.4 77.2 115.8
89 49.0 38.6 58.0



#82
4-Chlorotoluene
Concen: 60.139 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion: 91 Resp: 152501
Ion Ratio Lower Upper
91 100
126 36.2 18.5 55.5

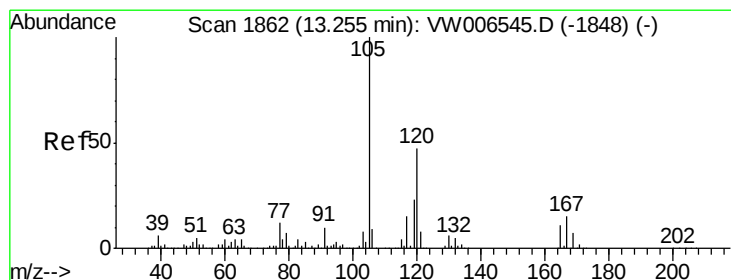
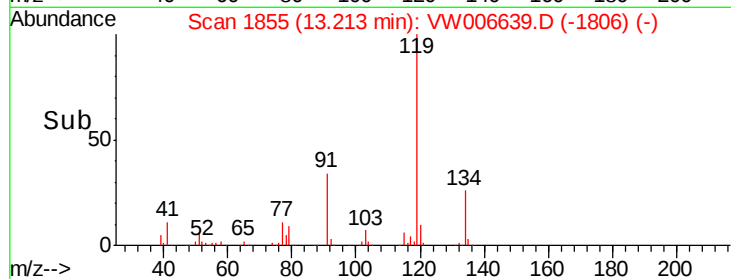
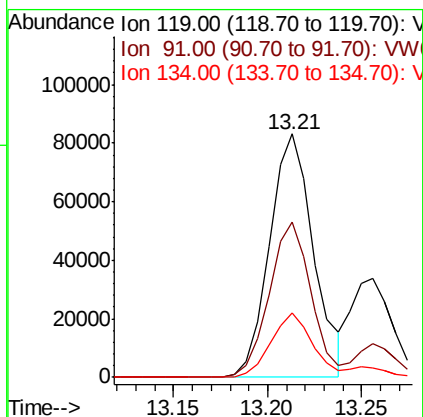
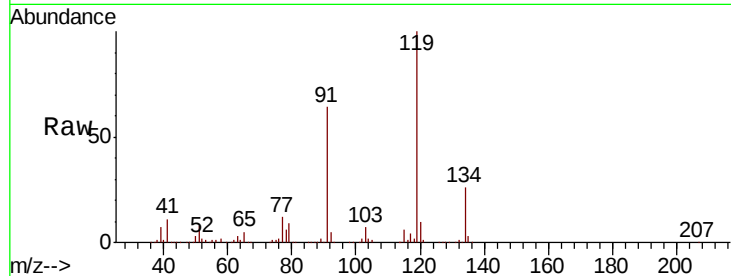




#83
tert-Butylbenzene
Concen: 49.383 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

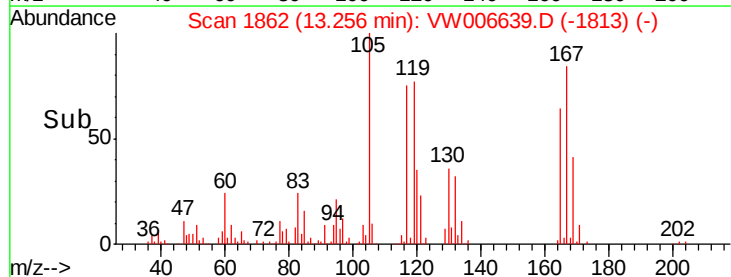
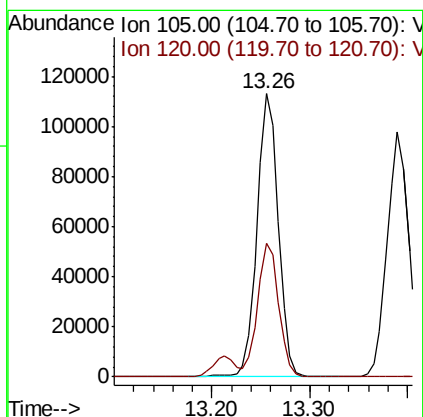
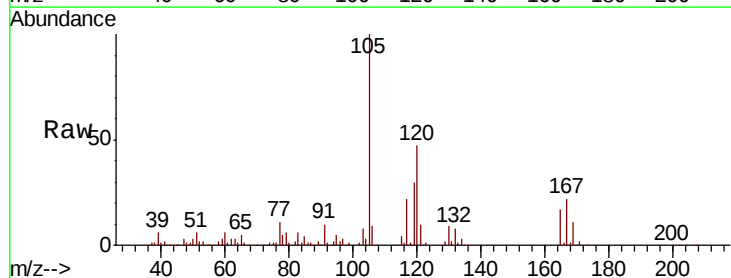
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

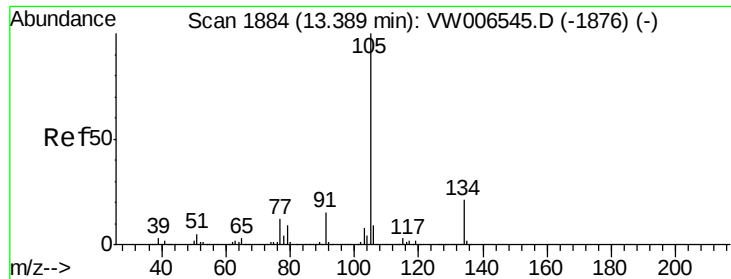
Tgt Ion:119 Resp: 134340
Ion Ratio Lower Upper
119 100
91 60.6 30.4 91.3
134 25.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 54.875 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion:105 Resp: 171702
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

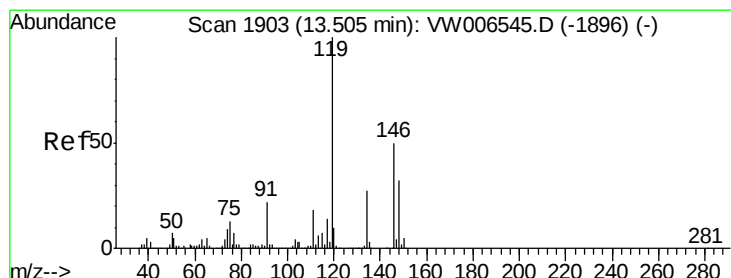
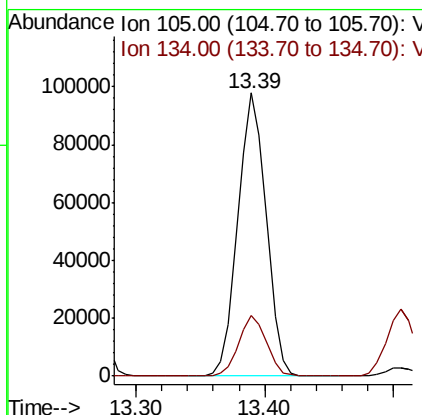
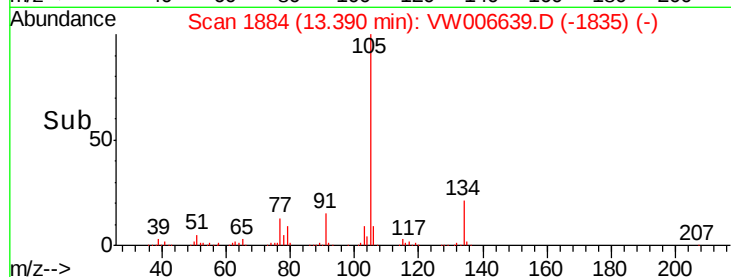
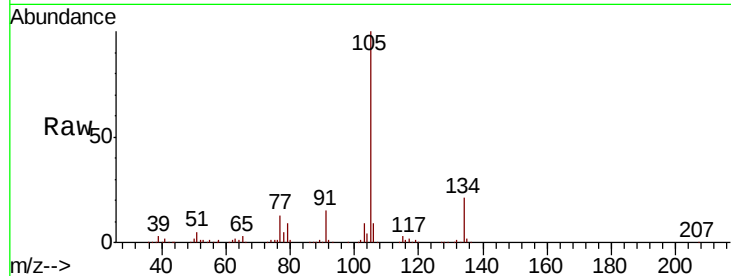




#85
 sec-Butylbenzene
 Concen: 39.151 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

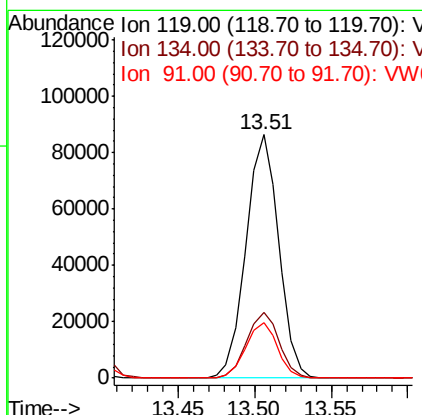
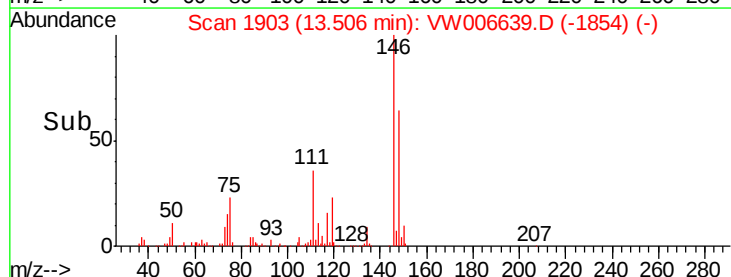
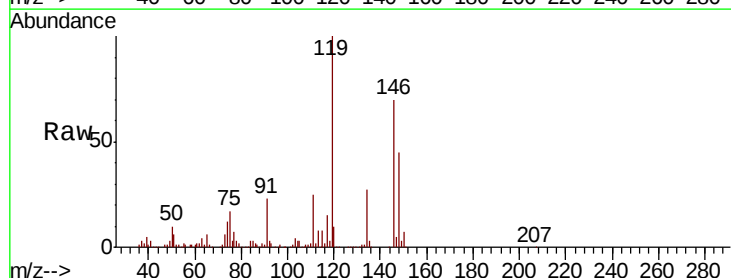
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tgt Ion:105 Resp: 149167
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 37.019 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion:119 Resp: 128339
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 22.2 10.9 32.6

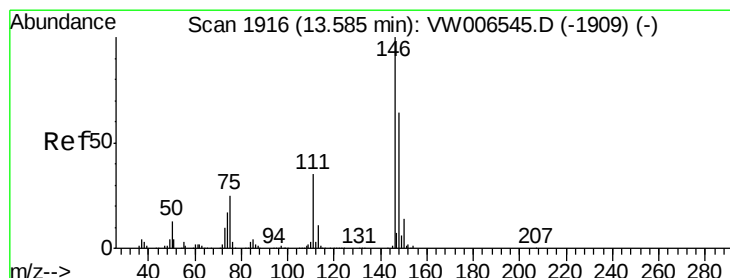
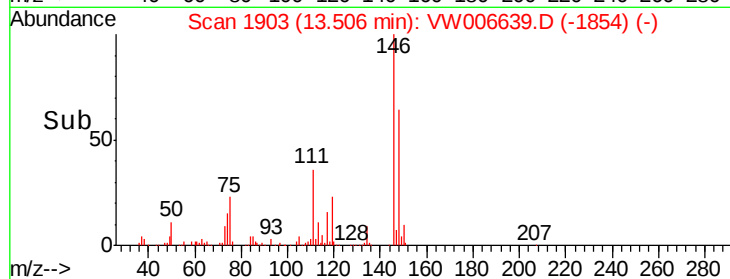
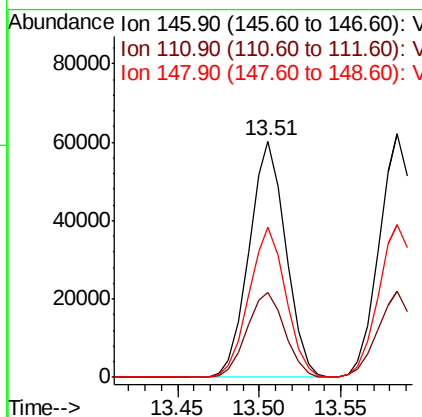
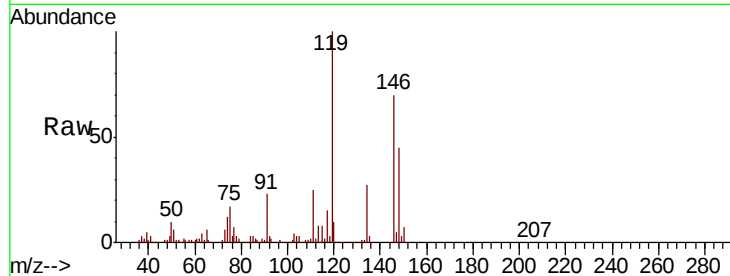




#87
 1,3-Dichlorobenzene
 Concen: 50.756 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

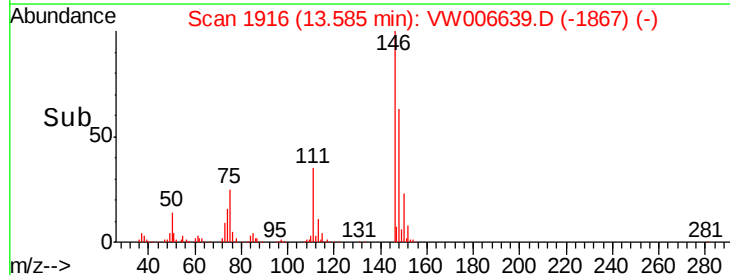
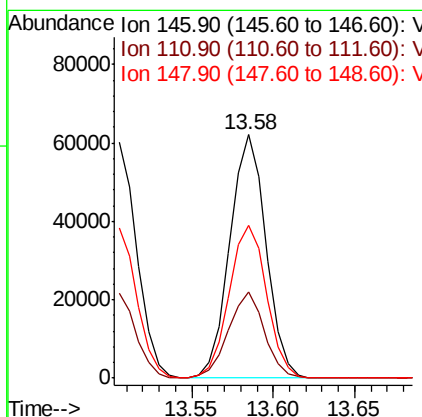
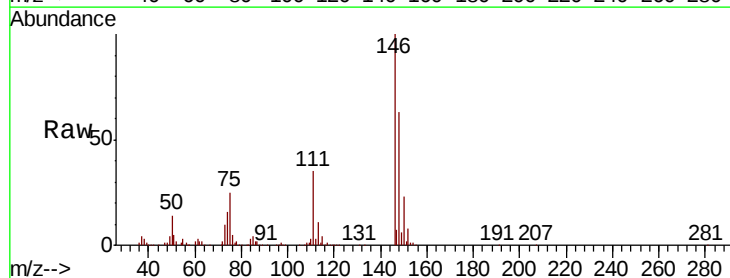
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tgt Ion:146 Resp: 93973
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.247 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion:146 Resp: 95885
 Ion Ratio Lower Upper
 146 100
 111 35.3 17.9 53.7
 148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 26.593 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

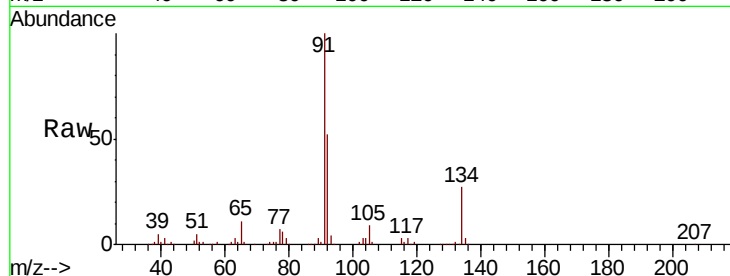
Tgt Ion: 91 Resp: 81840

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

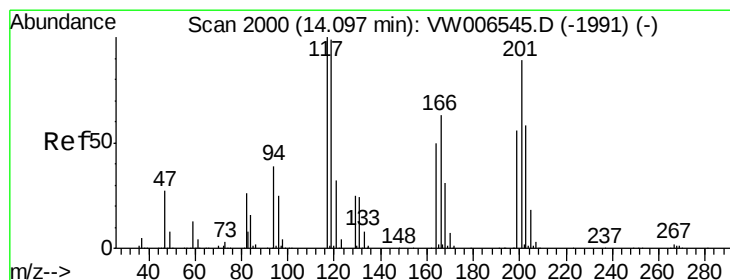
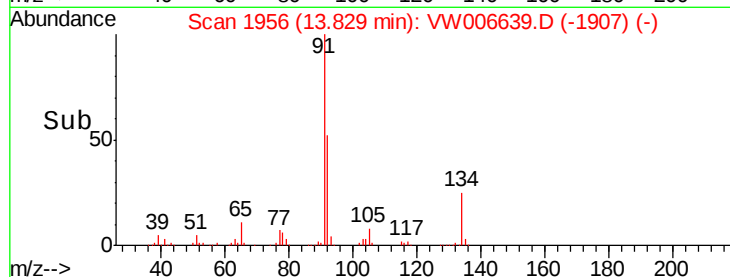
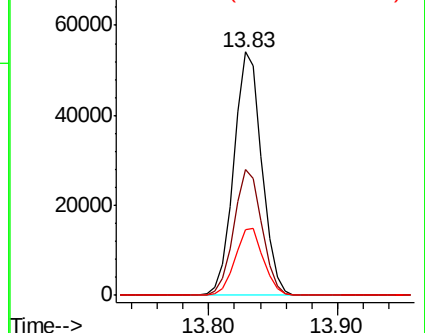
134 27.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 38.615 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006639.D

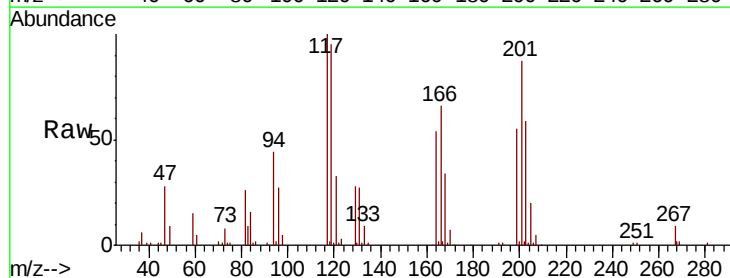
Acq: 05 Nov 2018 16:32

Tgt Ion: 117 Resp: 22002

Ion Ratio Lower Upper

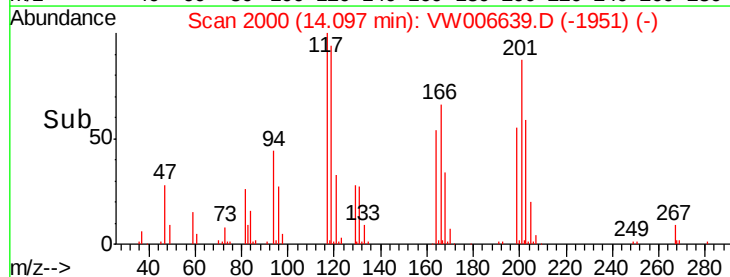
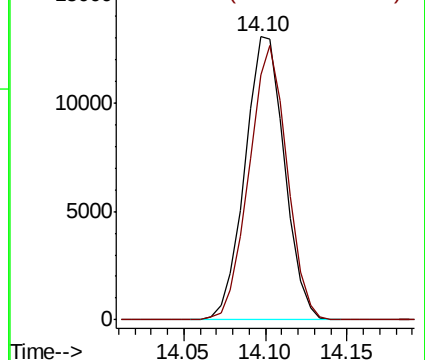
117 100

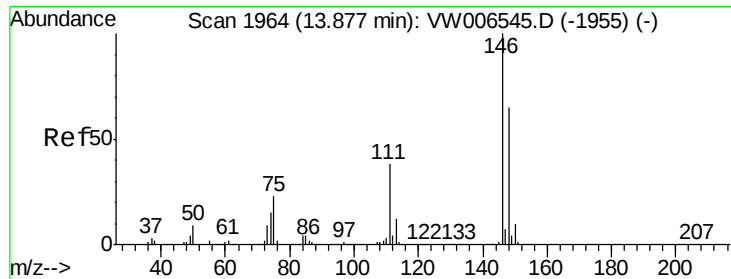
201 93.1 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

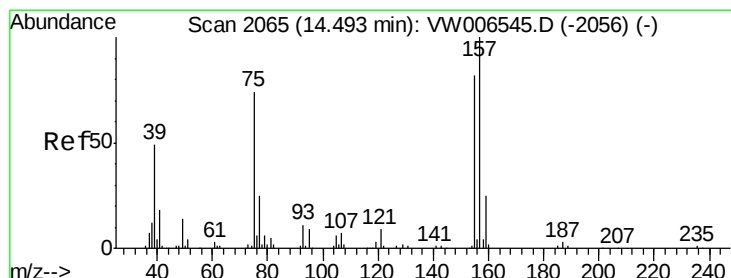
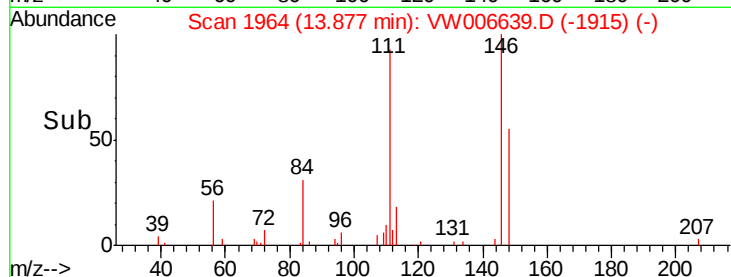
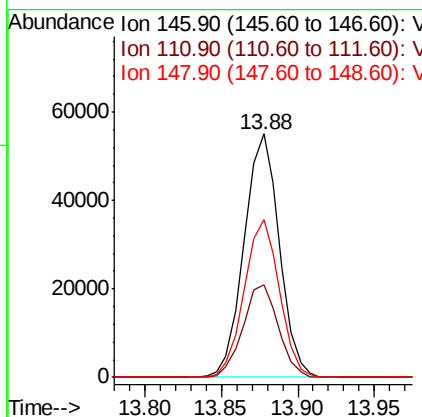
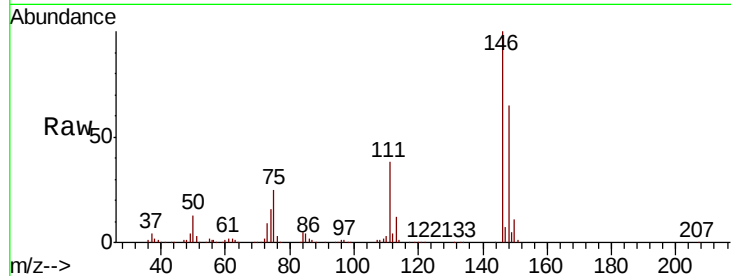




#91
 1,2-Dichlorobenzene
 Concen: 52.943 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

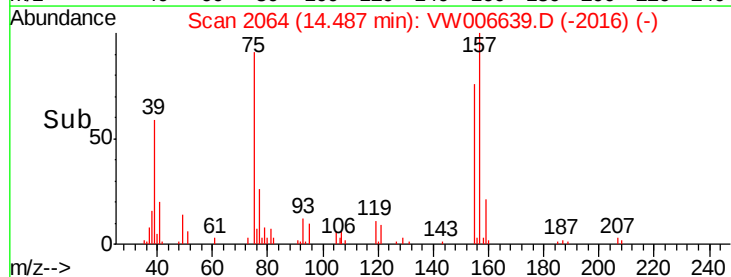
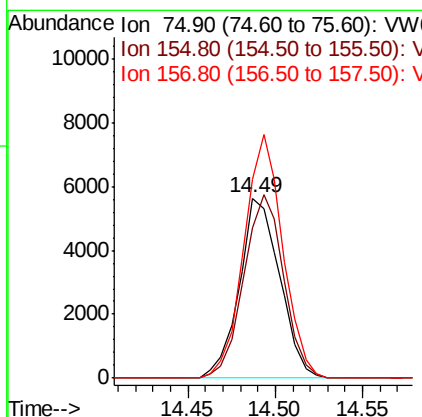
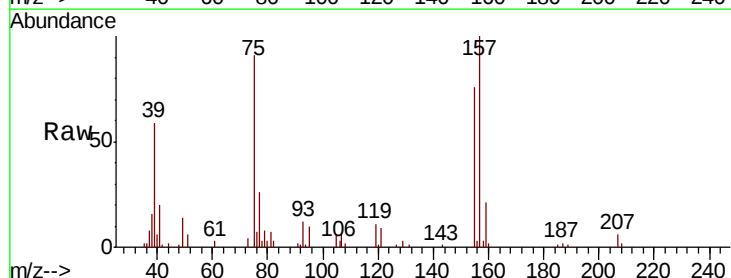
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

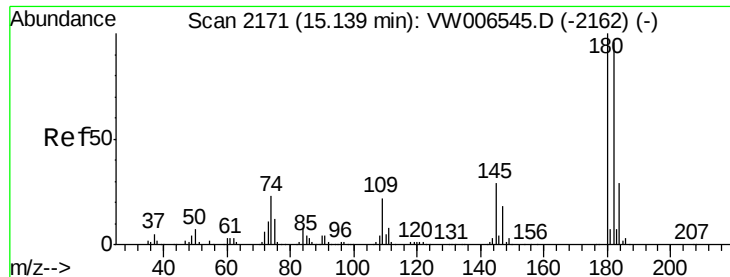
Tgt Ion: 146 Resp: 88171
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.5
 148 64.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.372 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion: 75 Resp: 9061
 Ion Ratio Lower Upper
 75 100
 155 101.1 50.6 151.8
 157 129.7 65.0 195.0

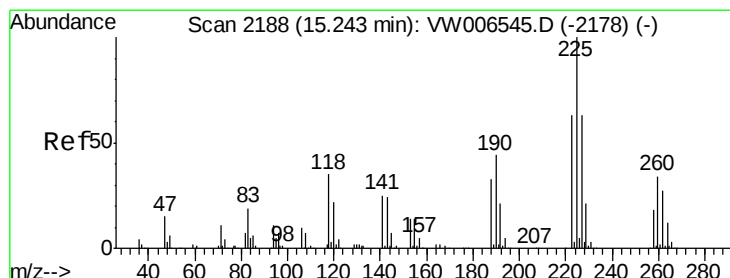
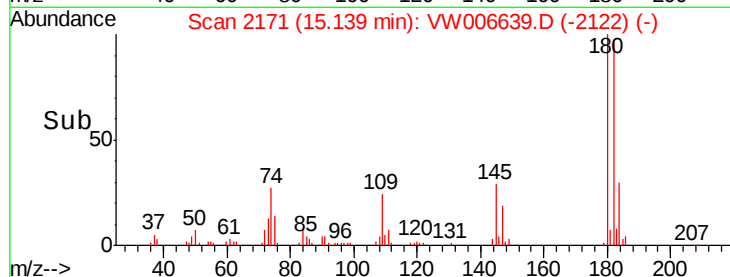
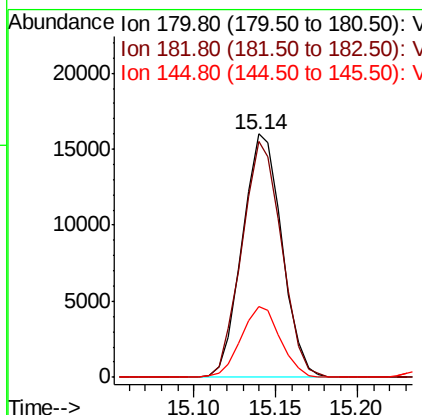
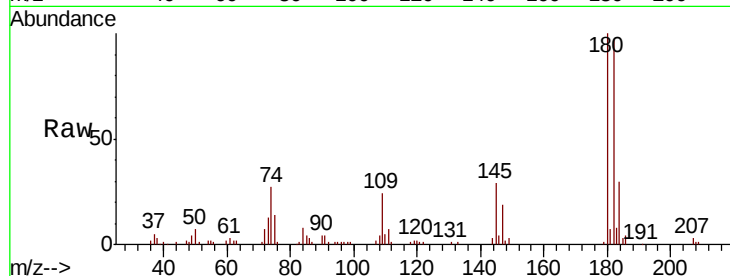




#93
 1,2,4-Trichlorobenzene
 Concen: 21.797 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

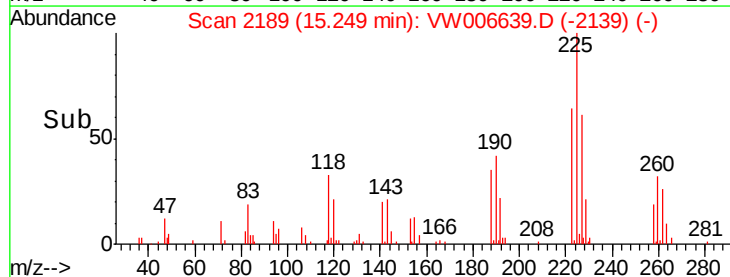
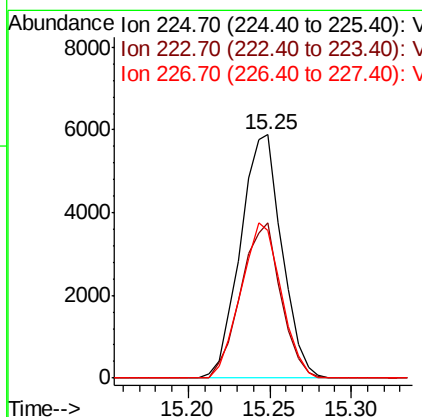
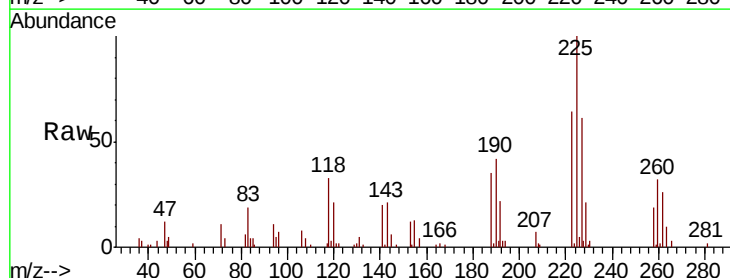
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

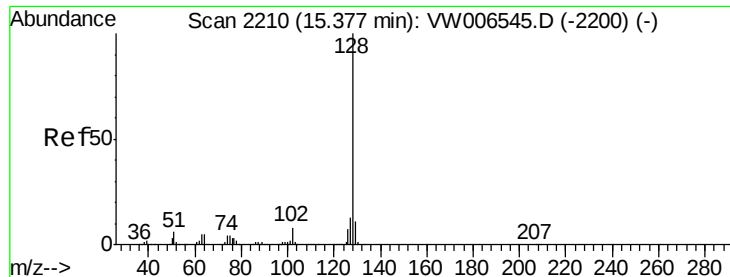
Tgt Ion:180 Resp: 26992
 Ion Ratio Lower Upper
 180 100
 182 97.4 47.5 142.6
 145 28.7 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 13.452 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion:225 Resp: 10382
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.4 94.2
 227 62.1 32.2 96.6





#95

Naphthalene

Concen: 27.853 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

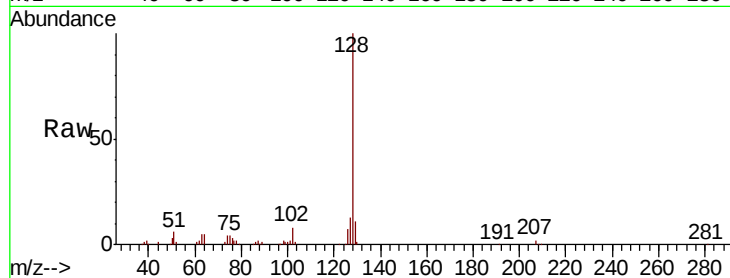
Tgt Ion:128 Resp: 55436

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.7 13.1

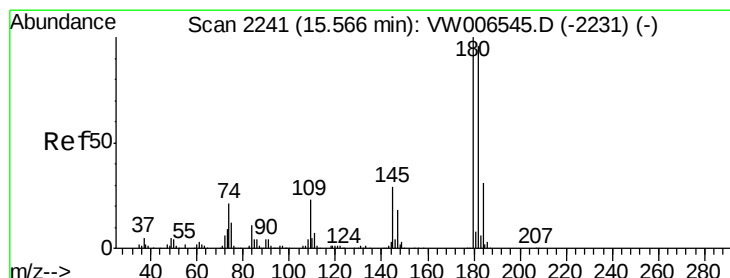
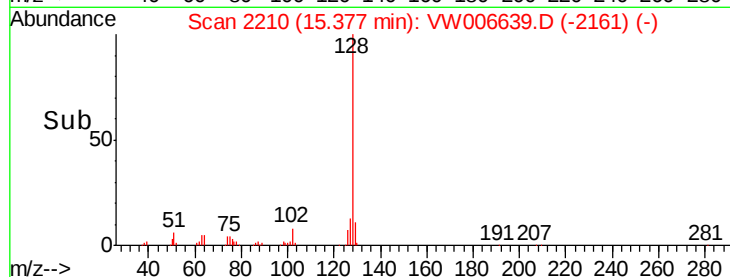
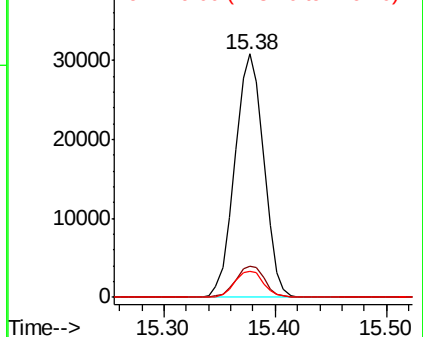


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.693 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

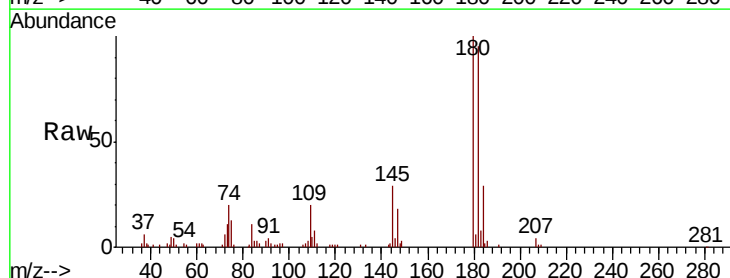
Tgt Ion:180 Resp: 23610

Ion Ratio Lower Upper

180 100

182 95.1 48.2 144.6

145 29.4 14.9 44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

