

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006638.D
 Acq On : 05 Nov 2018 16:06
 Operator : SY/AP
 Sample : J5696-02MS
 Misc : 5.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

Quant Time: Nov 06 01:57:20 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	174340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	246438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	86873	57.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.94%	
35) Dibromofluoromethane	7.89	113	94108	60.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.70%	
50) Toluene-d8	10.33	98	298050	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.62	95	74630	34.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55818	61.761	ug/l	96
3) Chloromethane	2.21	50	64673	57.835	ug/l	100
4) Vinyl Chloride	2.37	62	94077	60.252	ug/l	98
5) Bromomethane	2.79	94	78785	60.125	ug/l	99
6) Chloroethane	2.93	64	66974	61.390	ug/l	98
7) Trichlorofluoromethane	3.26	101	81040	58.775	ug/l	97
8) Diethyl Ether	3.68	74	44461	58.990	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	76192	51.749	ug/l	99
10) Methyl Iodide	4.27	142	138710	51.959	ug/l	99
11) Tert butyl alcohol	5.21	59	22296	276.131	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	79982	56.244	ug/l	96
13) Acrolein	3.90	56	3126	30.782	ug/l	99
14) Allyl chloride	4.67	41	82374	44.377	ug/l	99
15) Acrylonitrile	5.37	53	74854	276.982	ug/l	98
16) Acetone	4.14	43	53463	220.966	ug/l	98
17) Carbon Disulfide	4.38	76	160577	39.681	ug/l	99
18) Methyl Acetate	4.68	43	74798	107.509	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	133763	63.193	ug/l	100
20) Methylene Chloride	4.92	84	97354	63.728	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	82591	51.327	ug/l	97
22) Diisopropyl ether	6.31	45	244133	63.087	ug/l	97
23) Vinyl Acetate	6.26	43	51665	24.075	ug/l	96
24) 1,1-Dichloroethane	6.22	63	159452	60.797	ug/l	100
25) 2-Butanone	7.18	43	74767	216.556	ug/l	99
26) 2,2-Dichloropropane	7.17	77	94510	59.821	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	95068	52.809	ug/l	99
28) Bromochloromethane	7.51	49	57349	55.068	ug/l	99
29) Tetrahydrofuran	7.54	42	62732	288.878	ug/l	99
30) Chloroform	7.68	83	167724	58.329	ug/l	98
31) Cyclohexane	7.96	56	86717	36.328	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	139414	57.297	ug/l	99
36) 1,1-Dichloropropene	8.09	75	106750	49.257	ug/l	100
37) Ethyl Acetate	7.26	43	19774	26.329	ug/l #	79
38) Carbon Tetrachloride	8.07	117	123097	54.359	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	68419	24.878	ug/l	98
40) Benzene	8.33	78	349092	56.711	ug/l	100
41) Methacrylonitrile	7.49	41	27636	60.010	ug/l	92
42) 1,2-Dichloroethane	8.40	62	99758	56.509	ug/l	100
43) Isopropyl Acetate	8.43	43	48935	32.653	ug/l #	89
44) Trichloroethene	9.10	130	90324	47.551	ug/l	98
45) 1,2-Dichloropropane	9.37	63	83377	58.203	ug/l	99
46) Dibromomethane	9.46	93	44739	53.128	ug/l	100
47) Bromodichloromethane	9.65	83	110038	56.278	ug/l	99
48) Methyl methacrylate	9.44	41	47880	66.312	ug/l	99
49) 1,4-Dioxane	9.47	88	12888	1045.774	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	222449	289.014	ug/l	100
52) Toluene	10.39	92	195988	47.470	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	87632	46.569	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	107946	48.543	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	63169	52.870	ug/l	98
56) Ethyl methacrylate	10.65	69	39939	29.410	ug/l	98
57) 1,3-Dichloropropane	10.94	76	101650	52.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	151719	229.827	ug/l	99
59) 2-Hexanone	10.98	43	134224	256.759	ug/l	99
60) Dibromochloromethane	11.13	129	72352	51.110	ug/l	99
61) 1,2-Dibromoethane	11.24	107	56452	47.578	ug/l	99
64) Tetrachloroethene	10.87	164	65737	46.274	ug/l	97
65) Chlorobenzene	11.66	112	194819	51.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	82345	62.472	ug/l	100
67) Ethyl Benzene	11.74	91	312664	49.881	ug/l	100
68) m/p-Xylenes	11.84	106	245463	98.017	ug/l	100
69) o-Xylene	12.17	106	119532	50.137	ug/l	99
70) Styrene	12.18	104	177608	45.693	ug/l	98
71) Bromoform	12.35	173	40889	58.521	ug/l #	96
73) Isopropylbenzene	12.47	105	262654	63.573	ug/l	100
74) N-amyl acetate	12.28	43	20211	28.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	61238	93.845	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	72044	147.226	ug/l #	100
77) Bromobenzene	12.75	156	75278	70.372	ug/l	97
78) n-propylbenzene	12.81	91	258974	54.496	ug/l	100
79) 2-Chlorotoluene	12.90	91	162927	59.739	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	190830	54.978	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14522	75.425	ug/l	99
82) 4-Chlorotoluene	12.99	91	168211	58.298	ug/l	100
83) tert-Butylbenzene	13.21	119	154386	49.877	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	196335	55.146	ug/l	99
85) sec-Butylbenzene	13.39	105	170813	39.401	ug/l	100
86) p-Isopropyltoluene	13.51	119	154441	39.151	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	105822	50.232	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	107629	51.541	ug/l	100
89) n-Butylbenzene	13.83	91	97175	27.751	ug/l	99
90) Hexachloroethane	14.10	117	25958	40.038	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	99258	52.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8158	77.047	ug/l	99

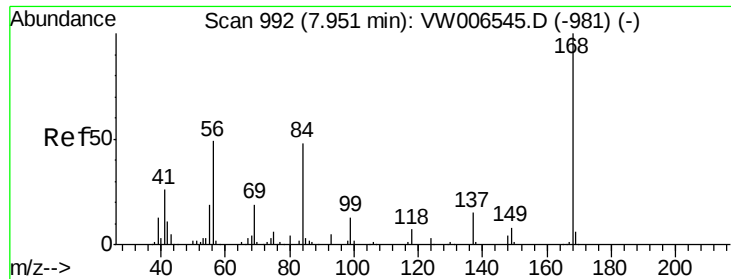
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33858	24.029	ug/l	99
94) Hexachlorobutadiene	15.24	225	10772	12.266	ug/l	98
95) Naphthalene	15.38	128	85995	37.973	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	28305	22.856	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampled :

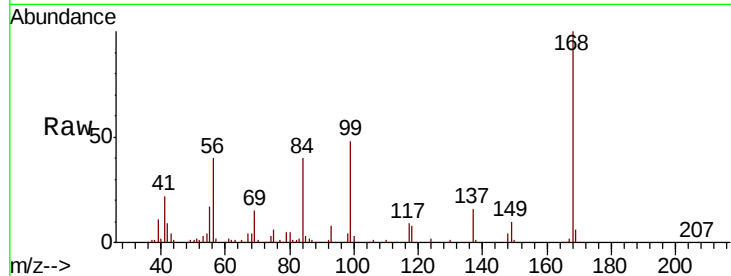
DL-SED-01MS

Tgt Ion:168 Resp: 174340

Ion Ratio Lower Upper

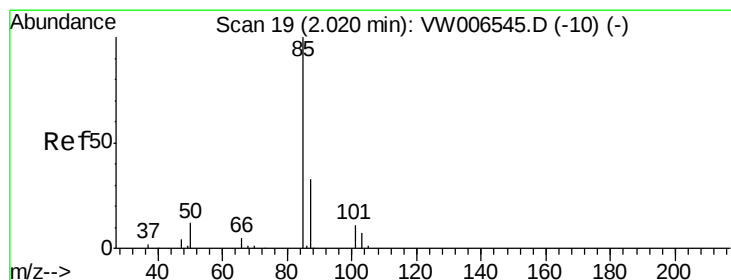
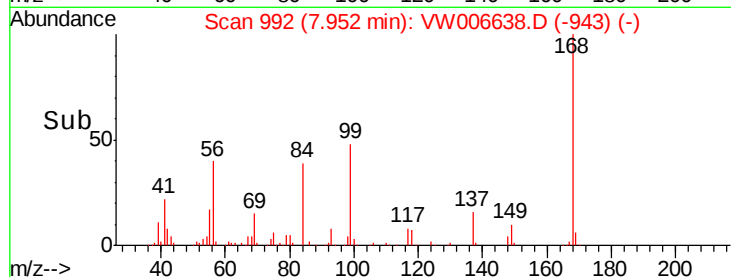
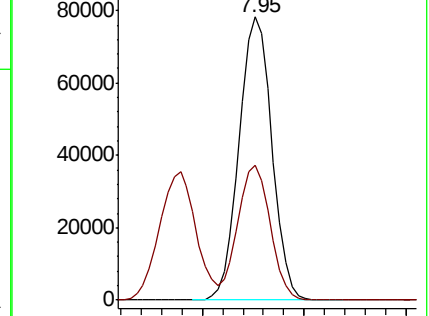
168 100

99 47.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 61.761 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006638.D

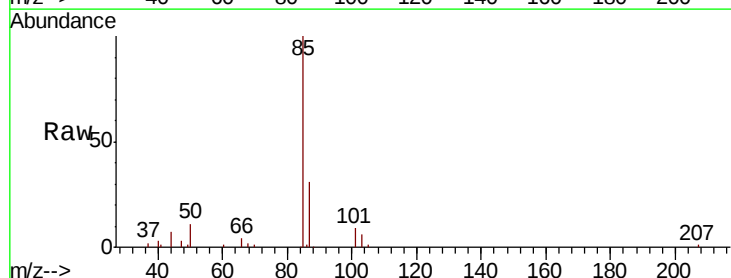
Acq: 05 Nov 2018 16:06

Tgt Ion: 85 Resp: 55818

Ion Ratio Lower Upper

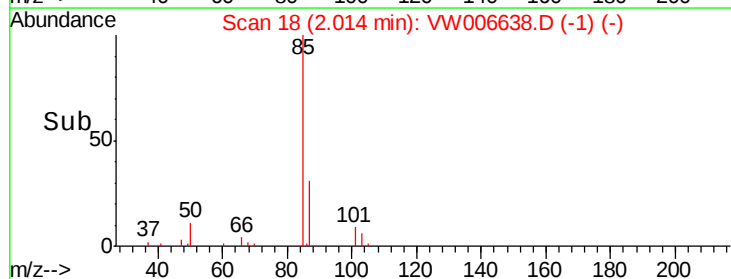
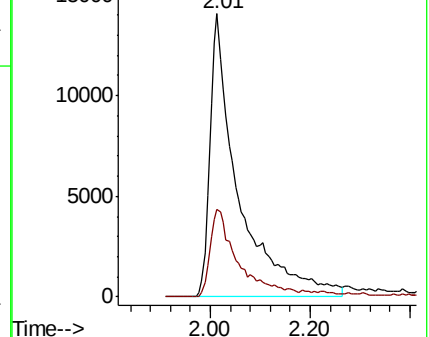
85 100

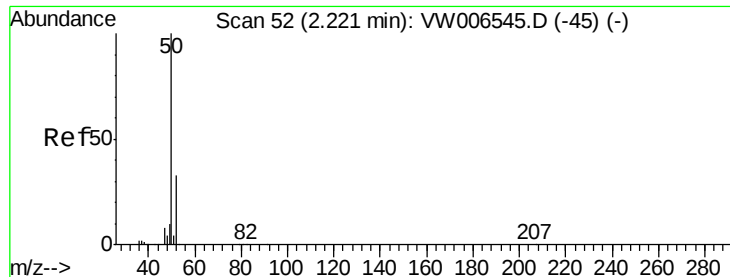
87 31.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 57.835 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

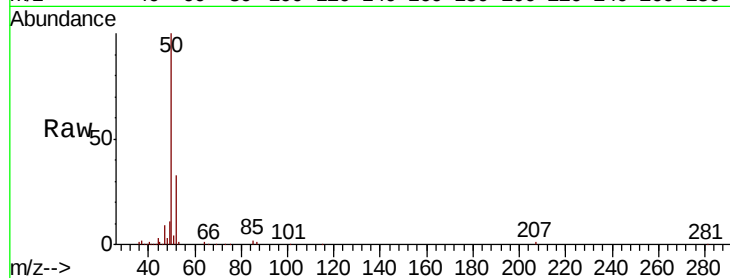
DL-SED-01MS

Tgt Ion: 50 Resp: 64673

Ion Ratio Lower Upper

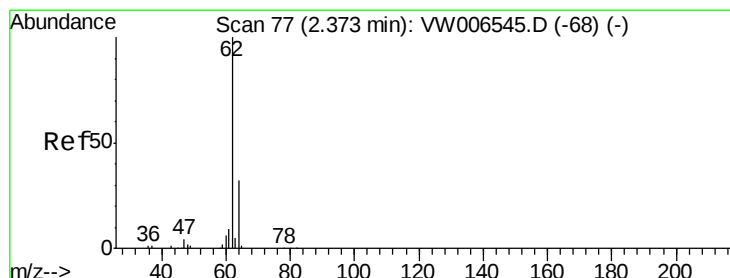
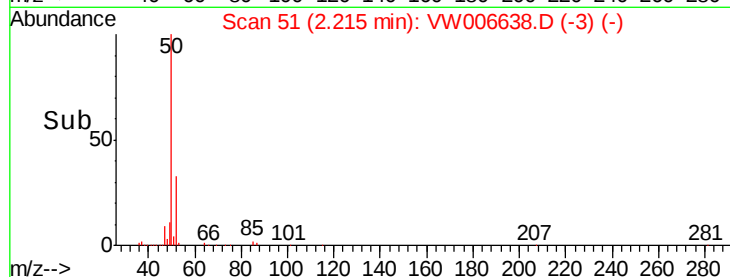
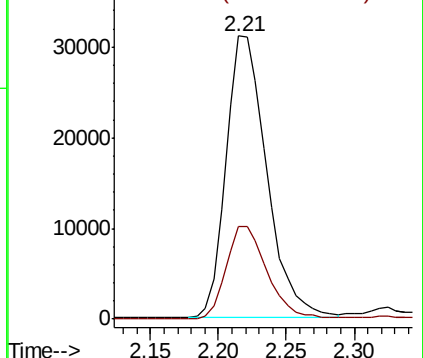
50 100

52 33.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 60.252 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006638.D

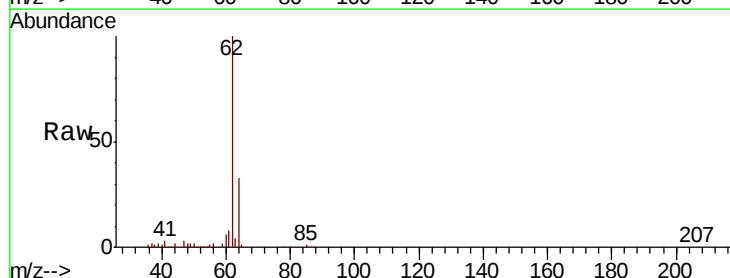
Acq: 05 Nov 2018 16:06

Tgt Ion: 62 Resp: 94077

Ion Ratio Lower Upper

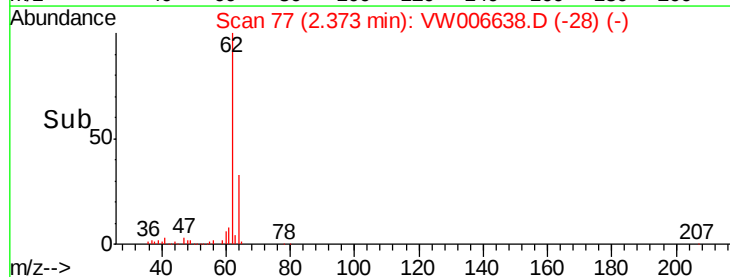
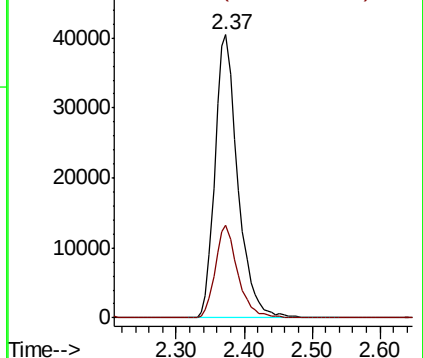
62 100

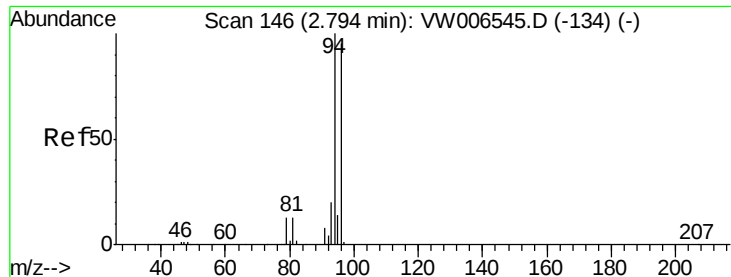
64 32.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 60.125 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

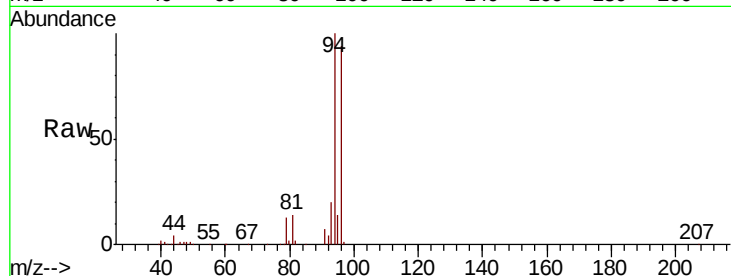
DL-SED-01MS

Tgt Ion: 94 Resp: 78785

Ion Ratio Lower Upper

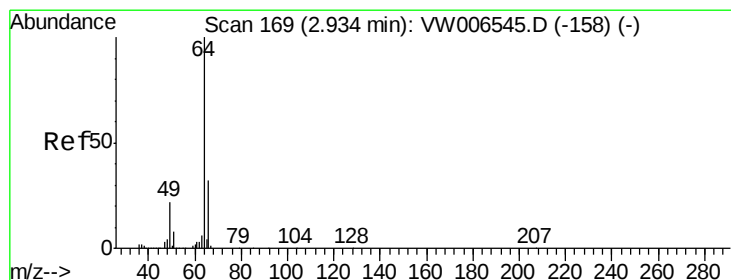
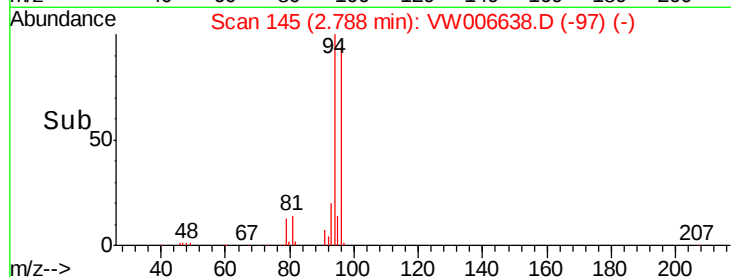
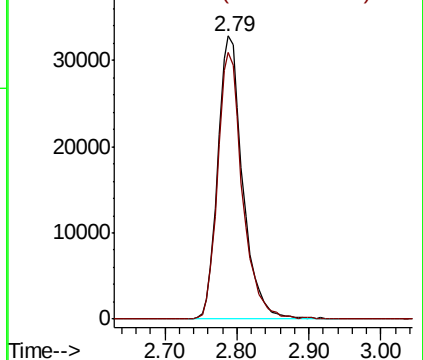
94 100

96 94.1 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: 61.390 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006638.D

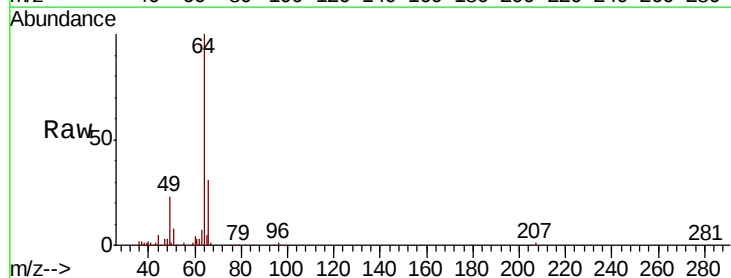
Acq: 05 Nov 2018 16:06

Tgt Ion: 64 Resp: 66974

Ion Ratio Lower Upper

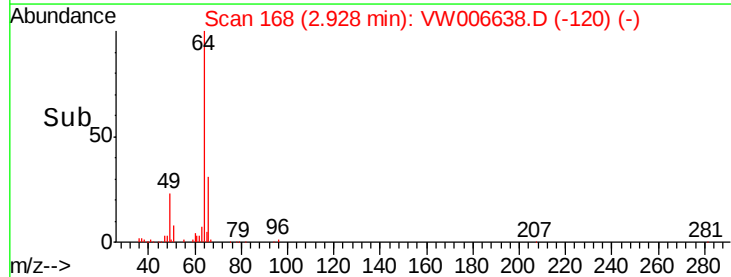
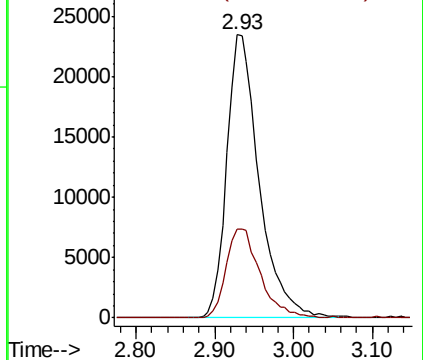
64 100

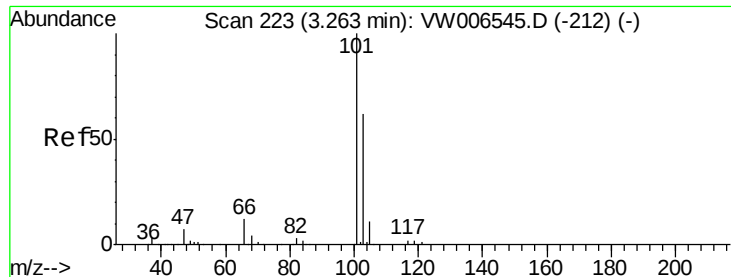
66 31.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



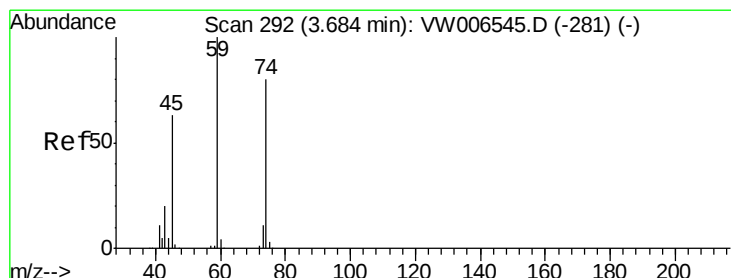
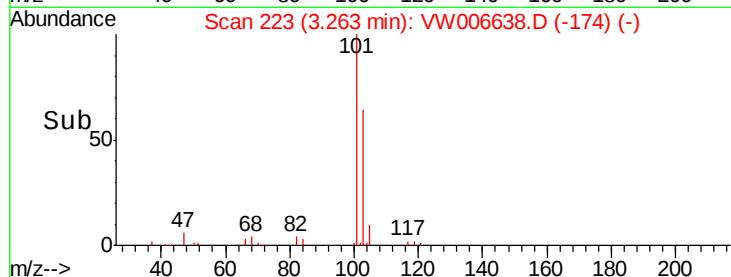
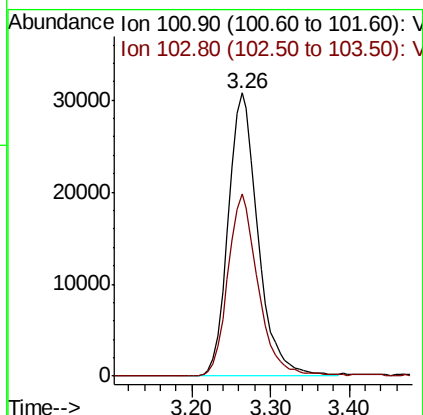
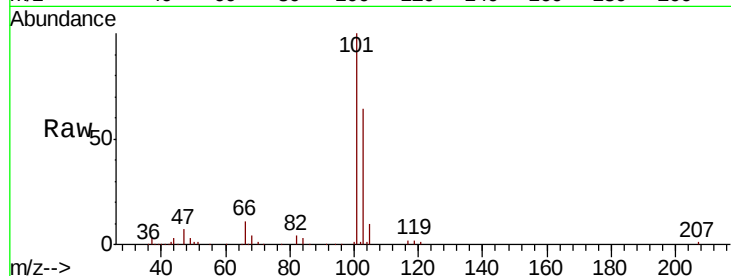


#7

Trichlorofluoromethane
 Concen: 58.775 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Instrument :
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 DL-SED-01MS

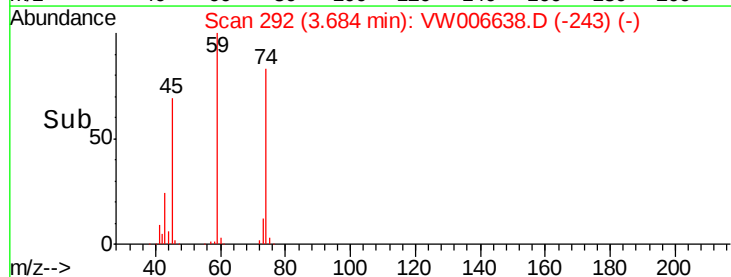
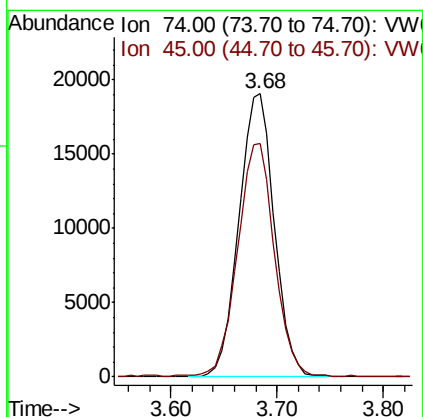
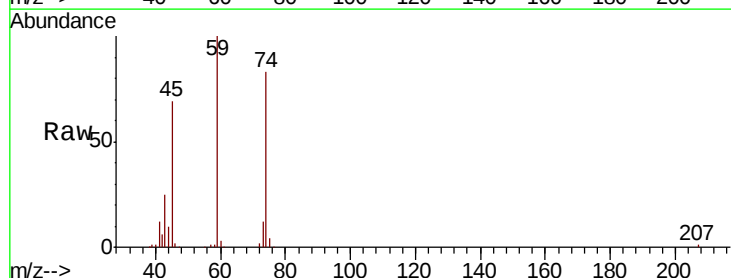
Tgt Ion:101 Resp: 81040
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.8 74.8

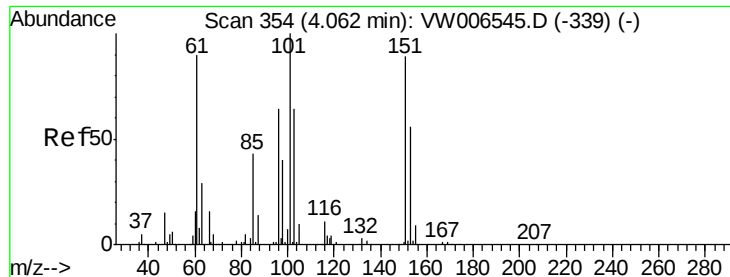


#8

Diethyl Ether
 Concen: 58.990 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 74 Resp: 44461
 Ion Ratio Lower Upper
 74 100
 45 86.0 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.749 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

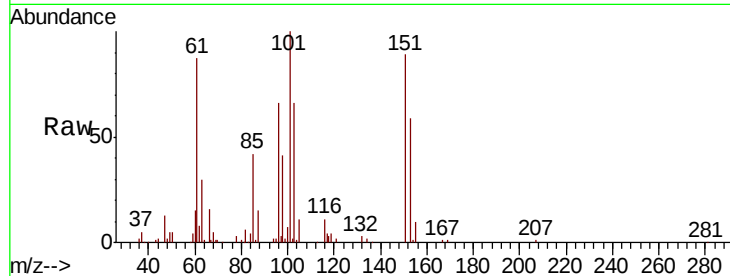
Tgt Ion:101 Resp: 76192

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

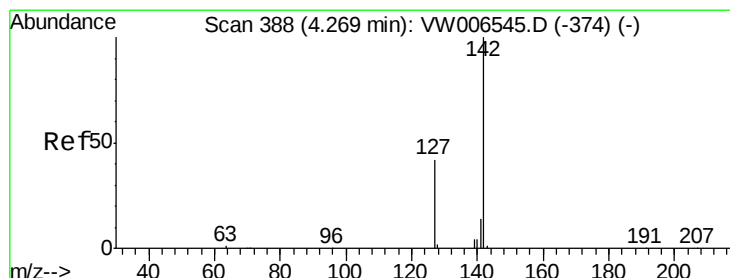
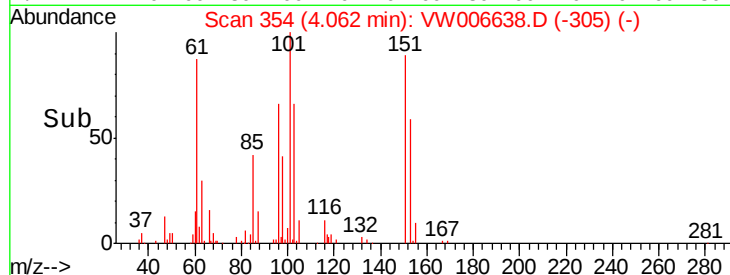
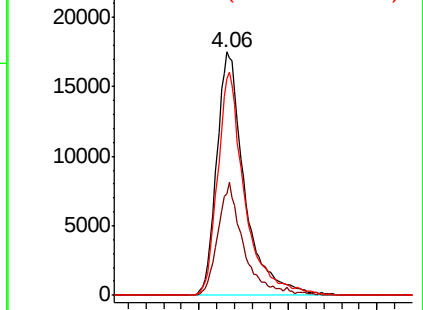
151 89.2 70.7 106.1



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: 51.959 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

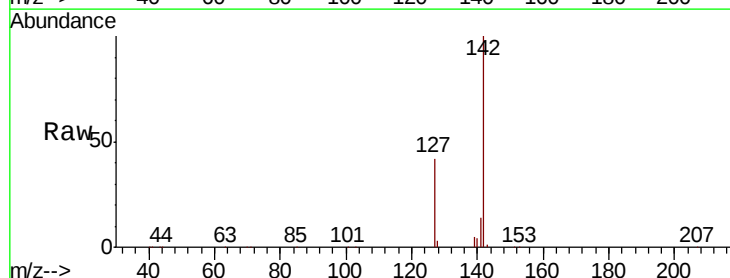
Tgt Ion:142 Resp: 138710

Ion Ratio Lower Upper

142 100

127 41.4 32.3 48.5

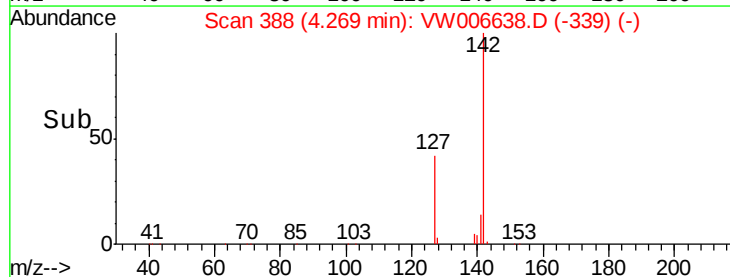
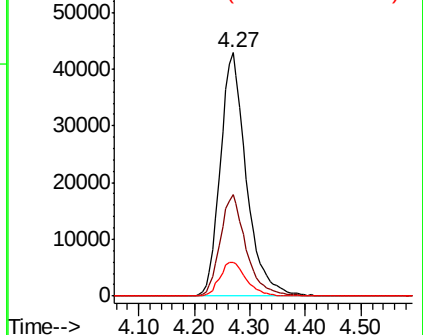
141 14.4 11.3 16.9

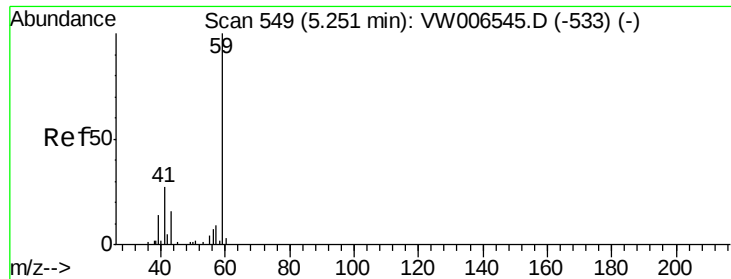


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



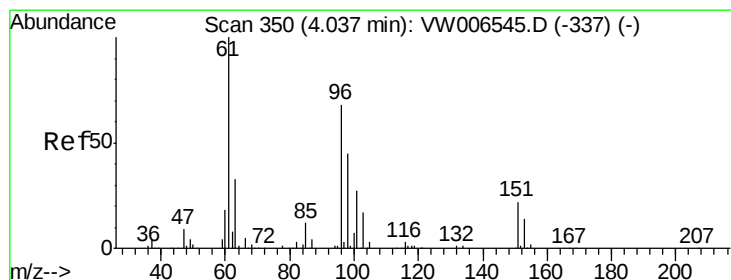
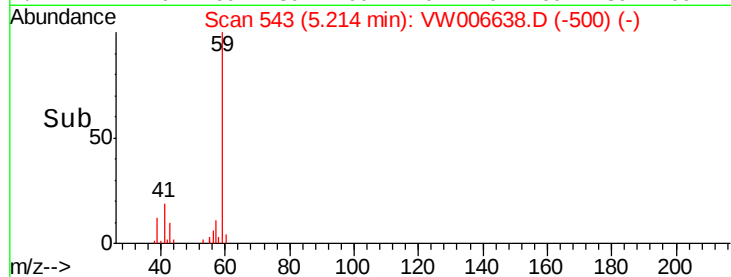
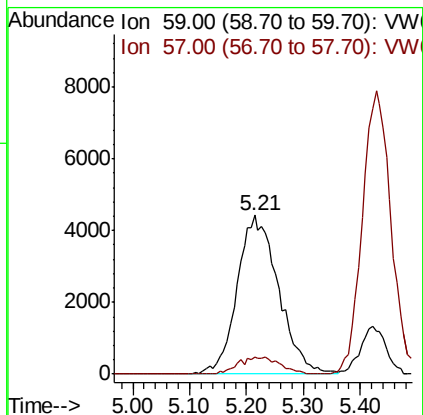
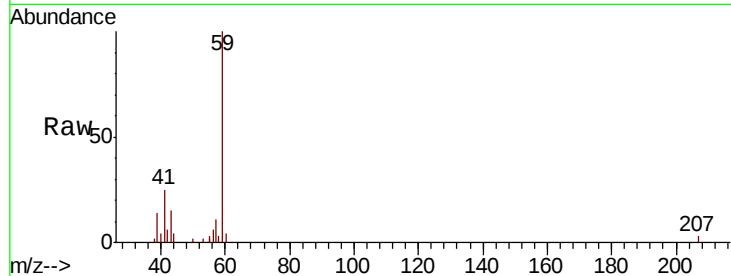


#11

Tert butyl alcohol
 Concen: 276.131 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. -0.04 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

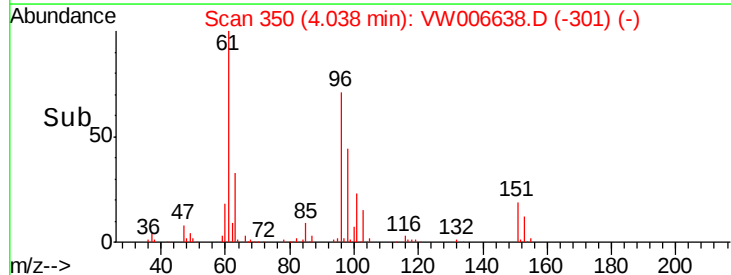
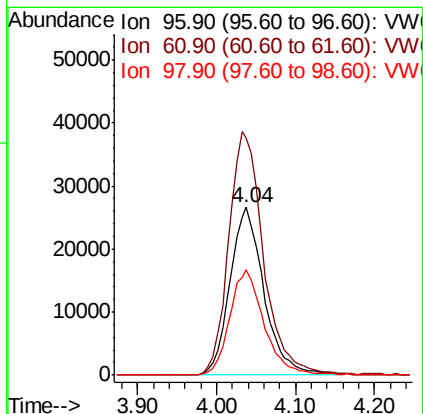
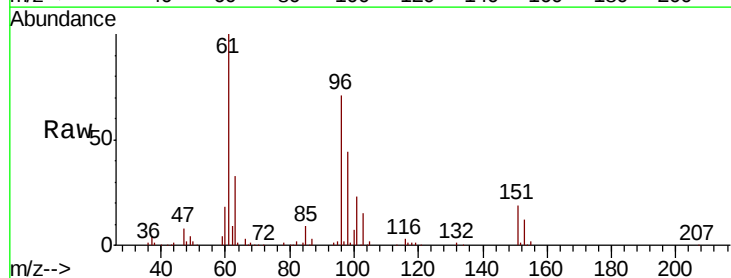
Tgt Ion: 59 Resp: 22296
 Ion Ratio Lower Upper
 59 100
 57 10.7 4.3 6.5#

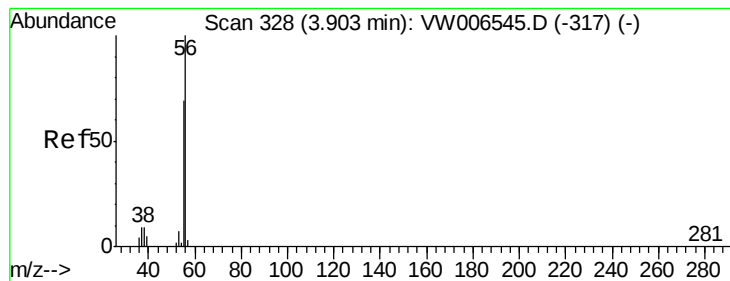


#12

1,1-Dichloroethene
 Concen: 56.244 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 96 Resp: 79982
 Ion Ratio Lower Upper
 96 100
 61 141.8 117.0 175.4
 98 62.6 52.5 78.7





#13

Acrolein

Concen: 30.782 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

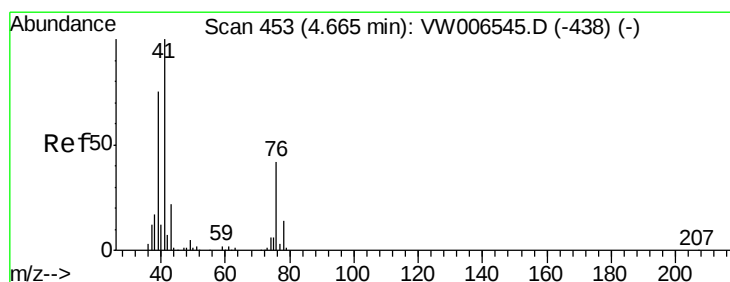
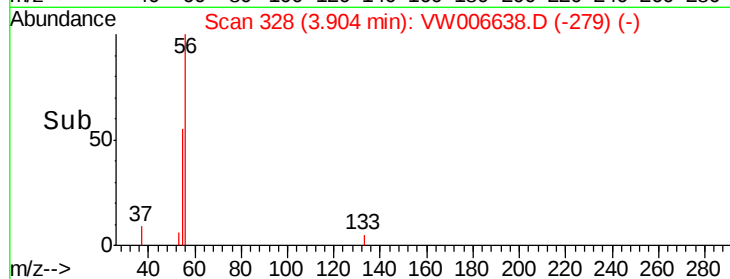
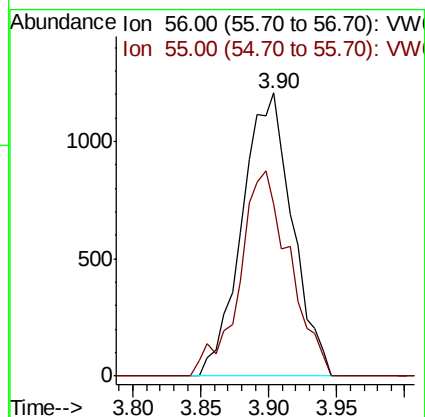
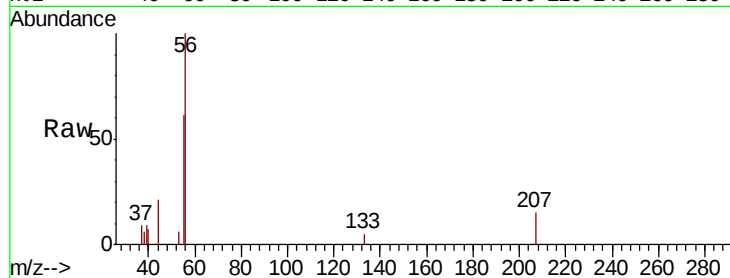
DL-SED-01MS

Tgt Ion: 56 Resp: 3126

Ion Ratio Lower Upper

56 100

55 72.3 56.9 85.3



#14

Allyl chloride

Concen: 44.377 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

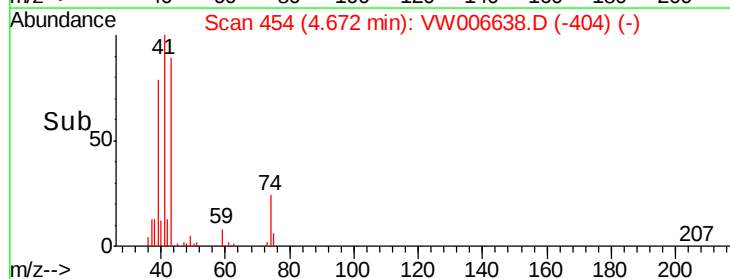
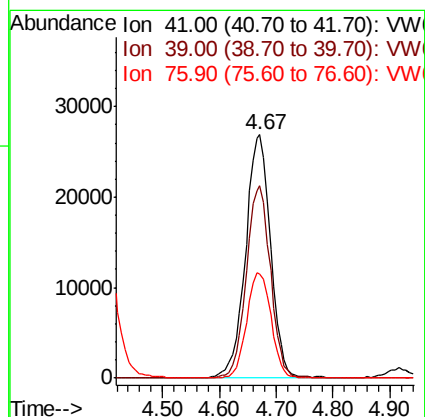
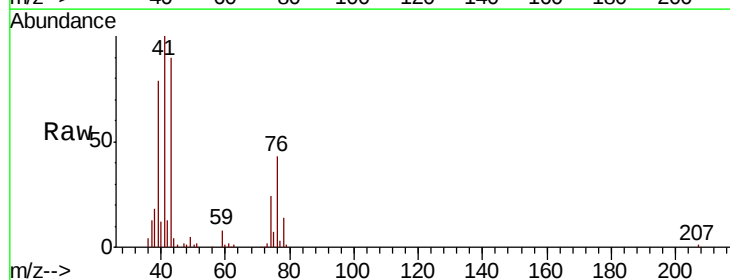
Tgt Ion: 41 Resp: 82374

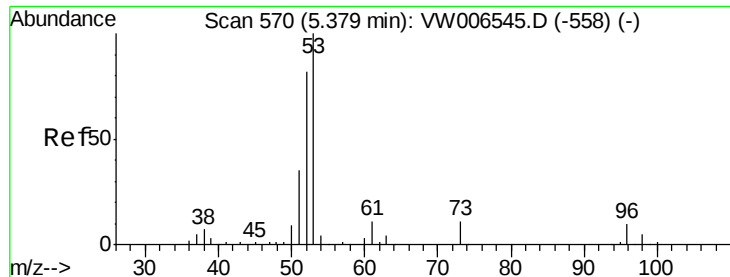
Ion Ratio Lower Upper

41 100

39 76.3 62.1 93.1

76 42.1 34.2 51.2





#15

Acrylonitrile

Concen: 276.982 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

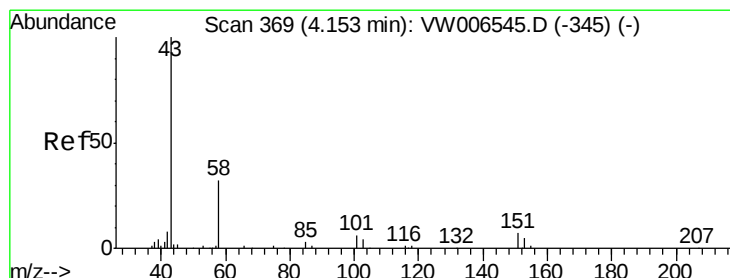
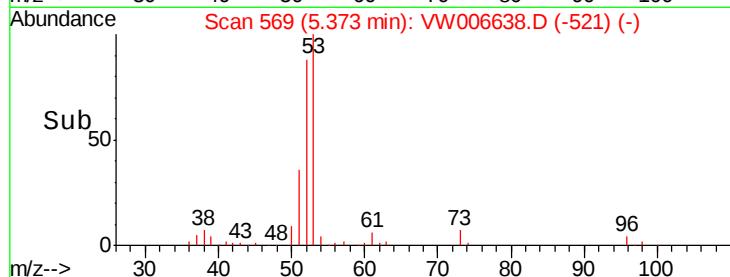
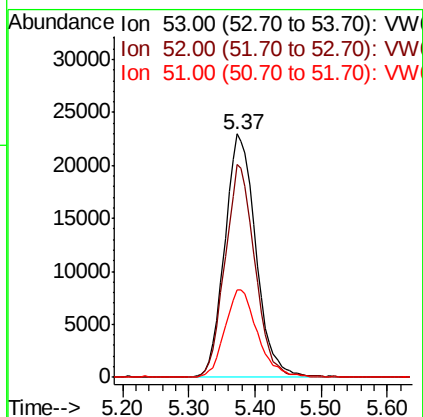
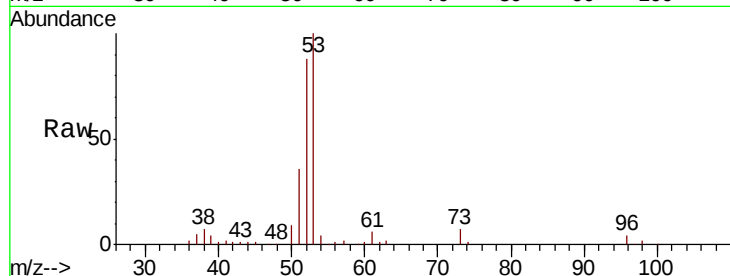
Tgt Ion: 53 Resp: 74854

Ion Ratio Lower Upper

53 100

52 84.0 65.8 98.8

51 37.4 29.6 44.4



#16

Acetone

Concen: 220.966 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006638.D

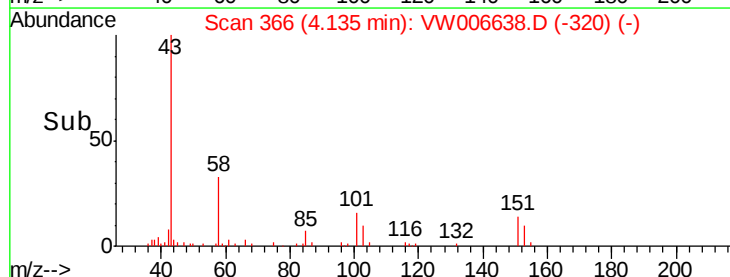
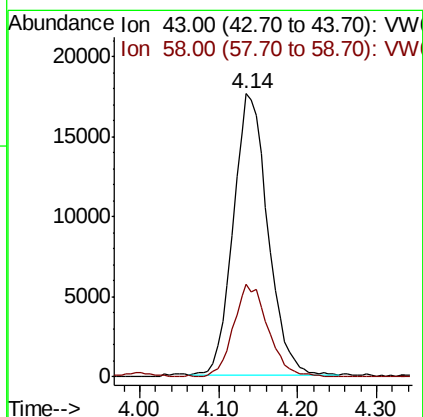
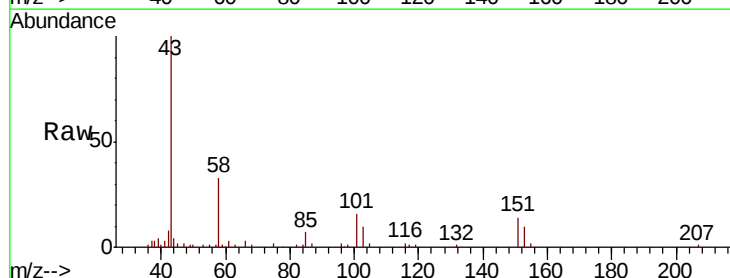
Acq: 05 Nov 2018 16:06

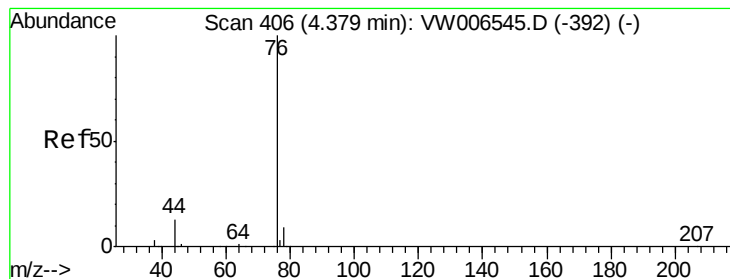
Tgt Ion: 43 Resp: 53463

Ion Ratio Lower Upper

43 100

58 33.1 25.8 38.8





#17

Carbon Disulfide

Concen: 39.681 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

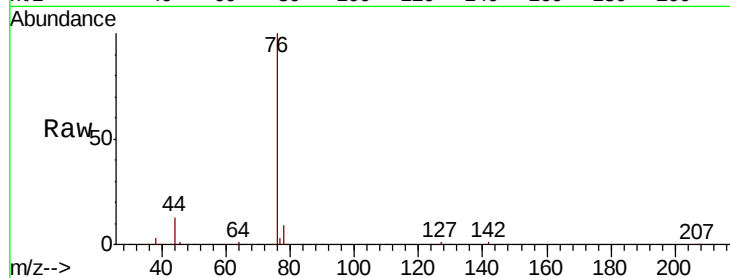
DL-SED-01MS

Tgt Ion: 76 Resp: 160577

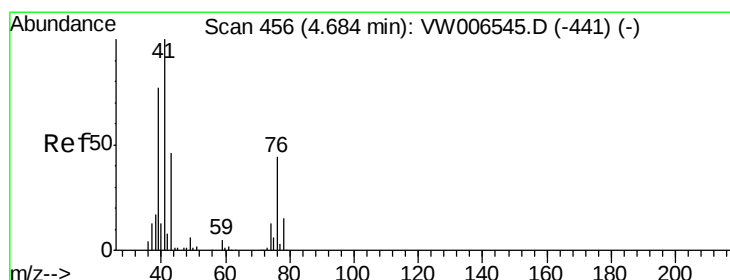
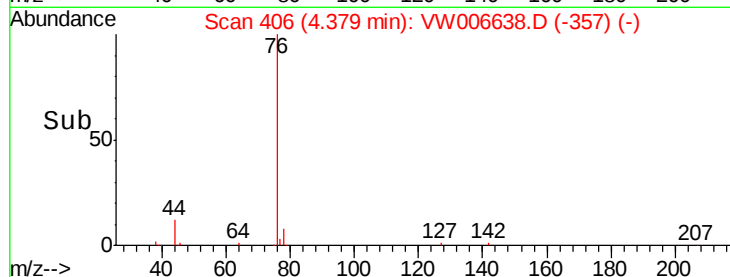
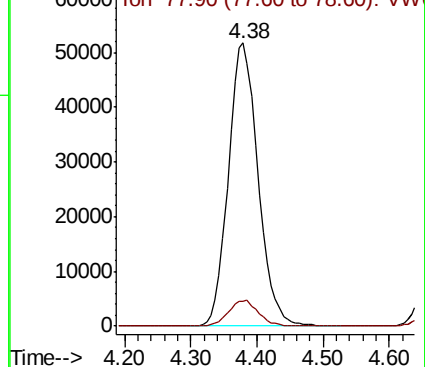
Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 107.509 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006638.D

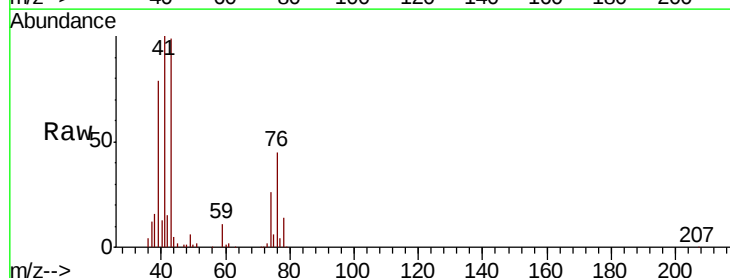
Acq: 05 Nov 2018 16:06

Tgt Ion: 43 Resp: 74798

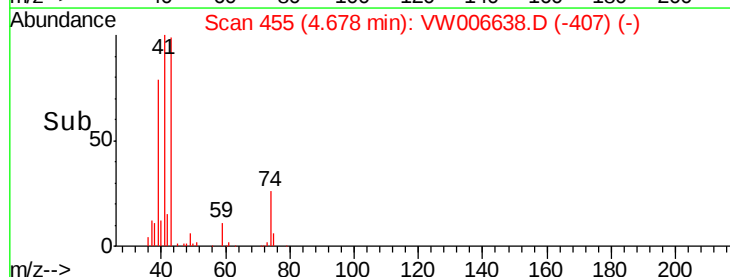
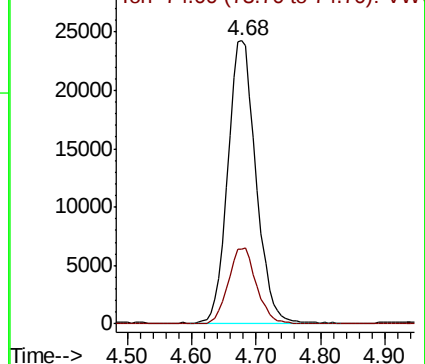
Ion Ratio Lower Upper

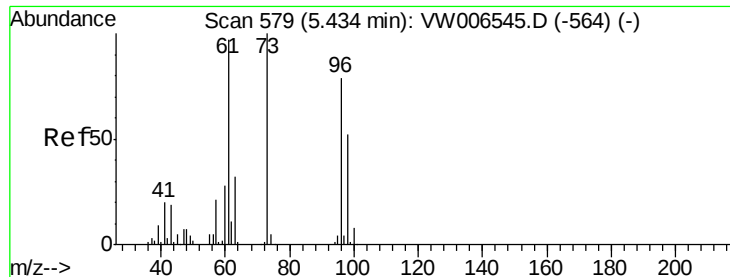
43 100

74 26.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW



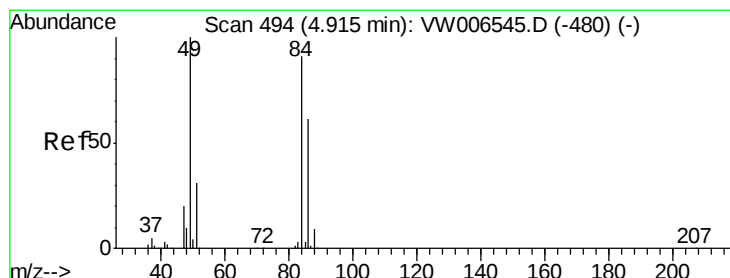
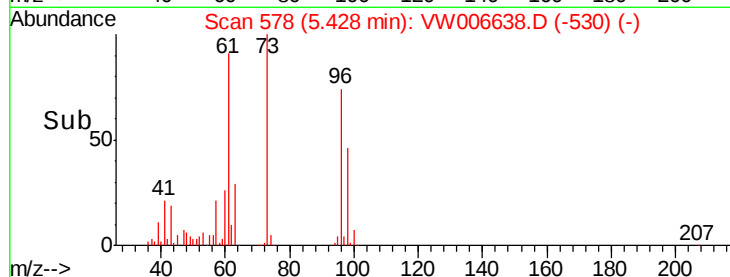
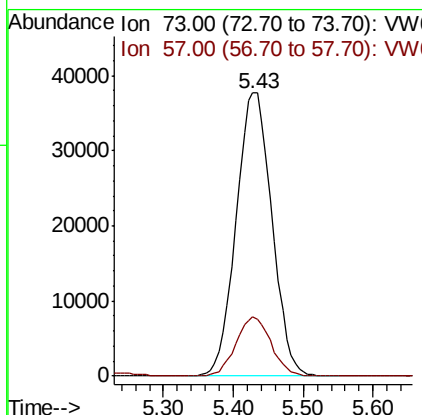
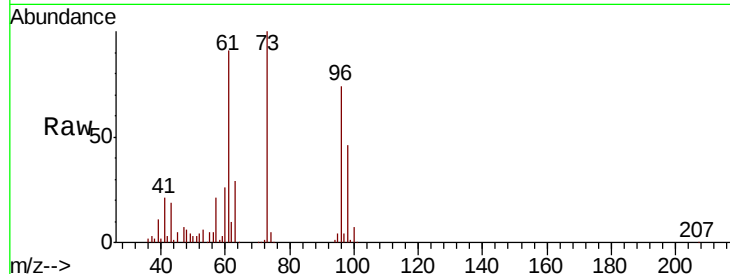


#19

Methyl tert-butyl Ether
 Concen: 63.193 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

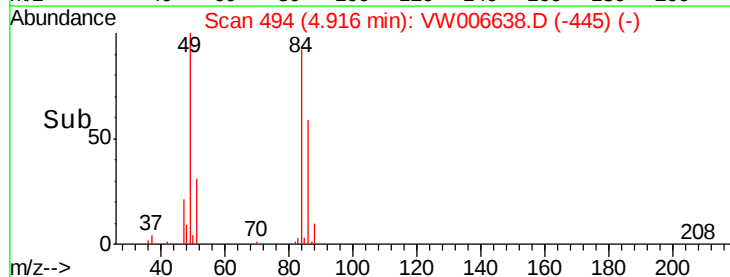
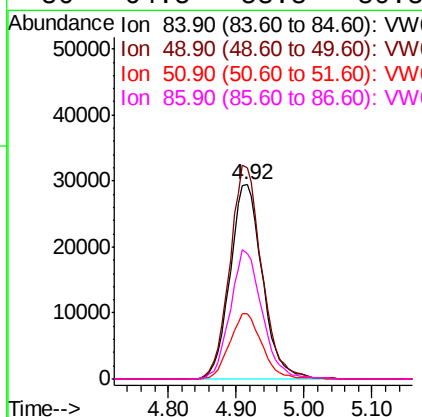
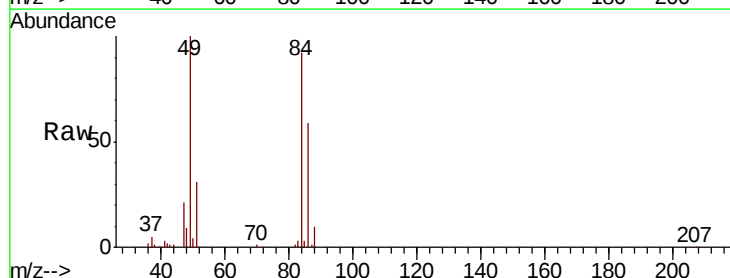
Tgt Ion: 73 Resp: 133763
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.7 25.1

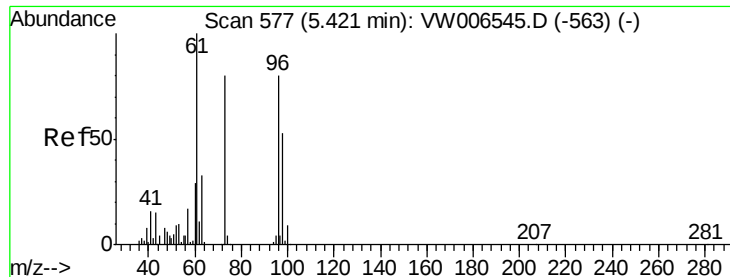


#20

Methylene Chloride
 Concen: 63.728 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 84 Resp: 97354
 Ion Ratio Lower Upper
 84 100
 49 109.2 88.2 132.4
 51 33.6 27.0 40.6
 86 64.5 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 51.327 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

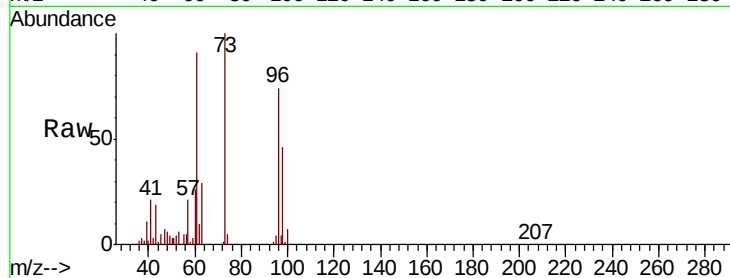
Tgt Ion: 96 Resp: 82591

Ion Ratio Lower Upper

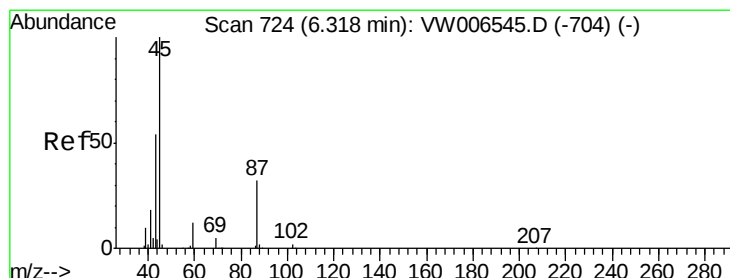
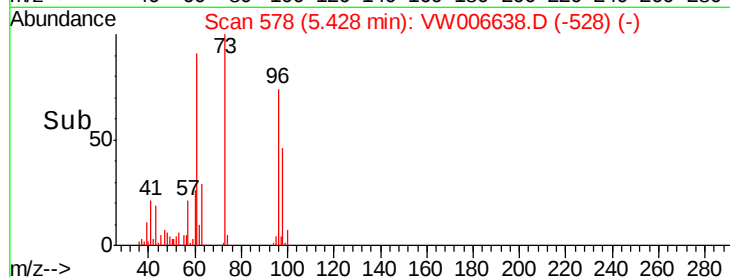
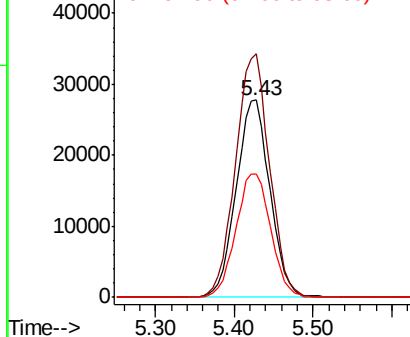
96 100

61 123.6 100.6 150.8

98 62.6 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: 63.087 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Tgt Ion: 45 Resp: 244133

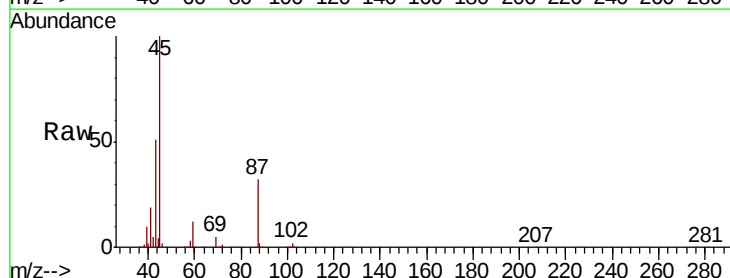
Ion Ratio Lower Upper

45 100

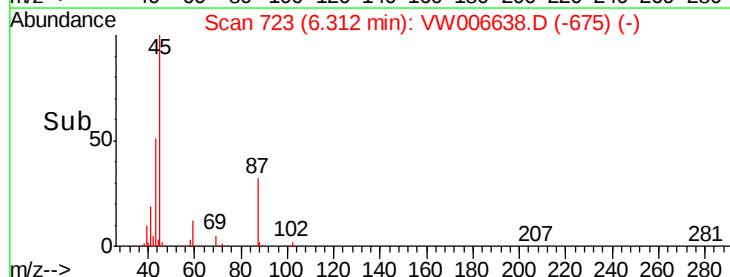
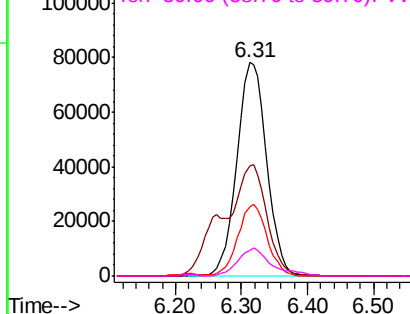
43 51.1 43.6 65.4

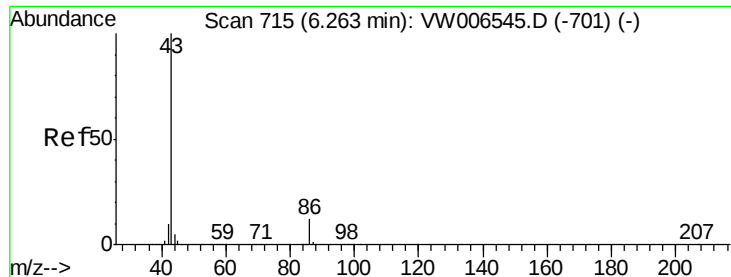
87 32.3 26.3 39.5

59 12.1 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: 24.075 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

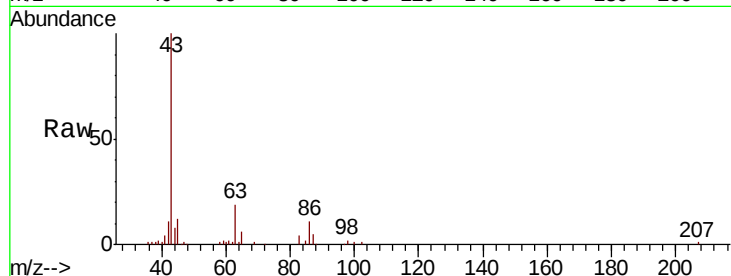
DL-SED-01MS

Tgt Ion: 43 Resp: 51665

Ion Ratio Lower Upper

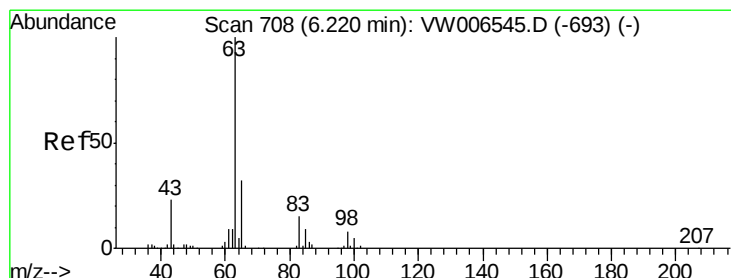
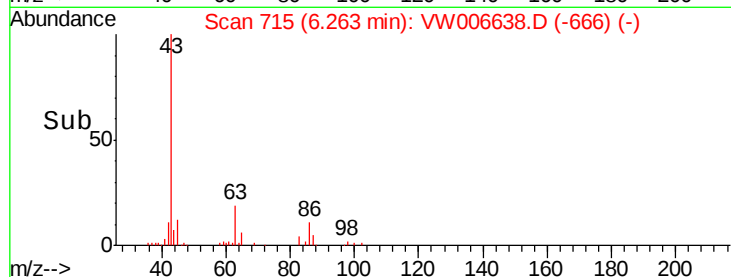
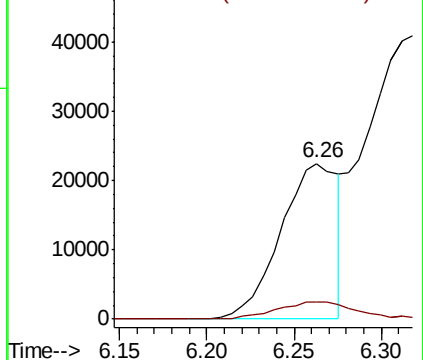
43 100

86 10.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 60.797 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

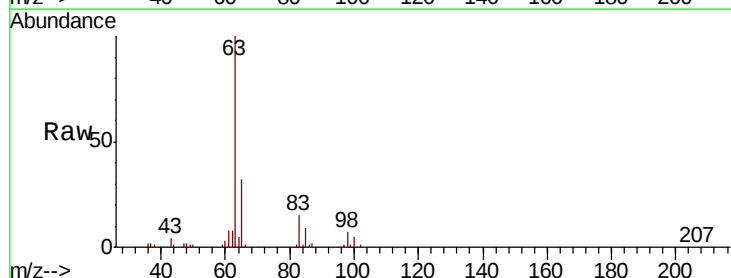
Tgt Ion: 63 Resp: 159452

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

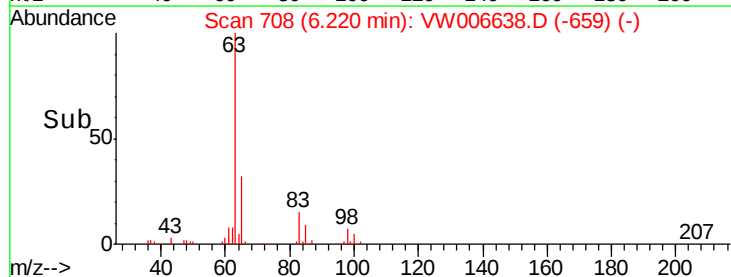
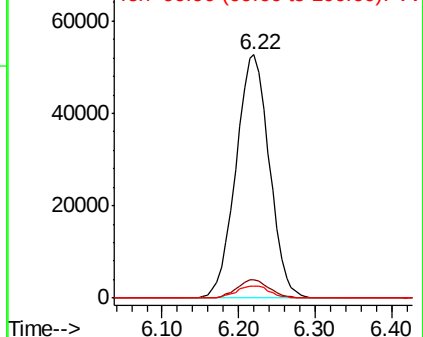
100 4.8 2.4 7.2

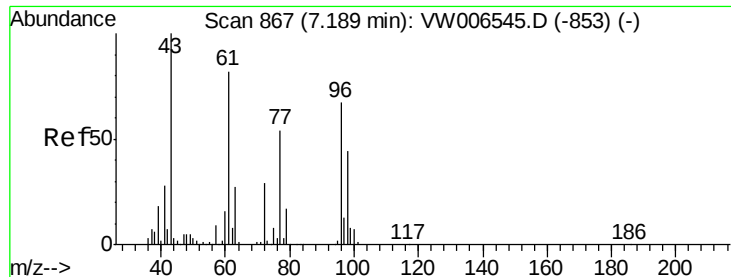


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 216.556 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

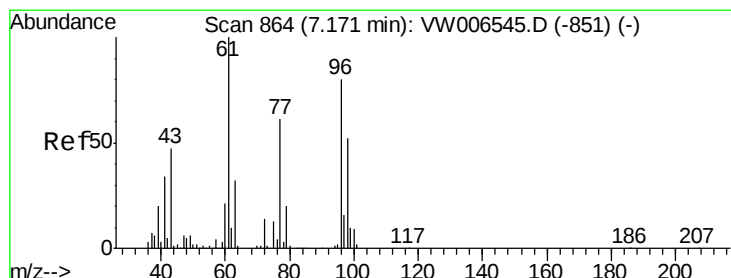
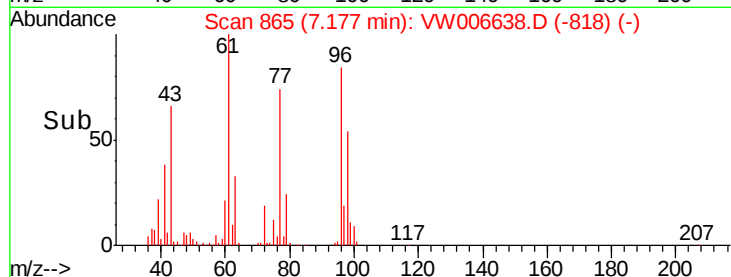
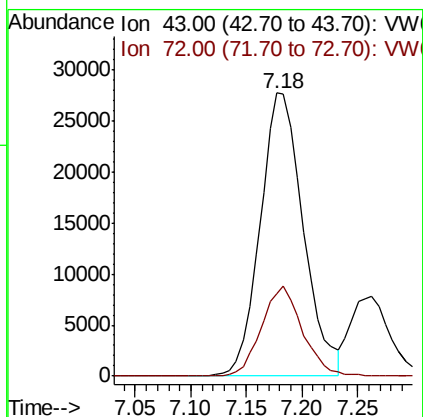
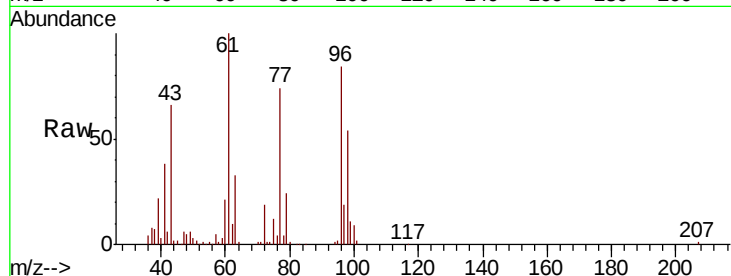
DL-SED-01MS

Tgt Ion: 43 Resp: 74767

Ion Ratio Lower Upper

43 100

72 29.3 23.2 34.8



#26

2,2-Dichloropropane

Concen: 59.821 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006638.D

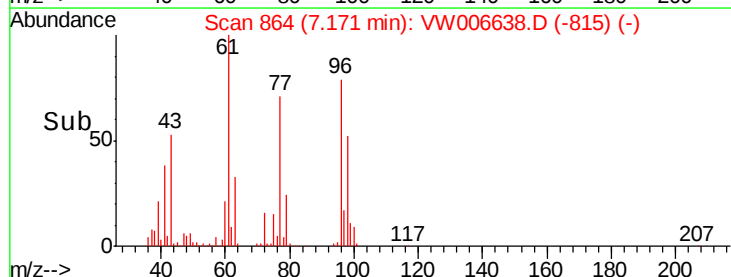
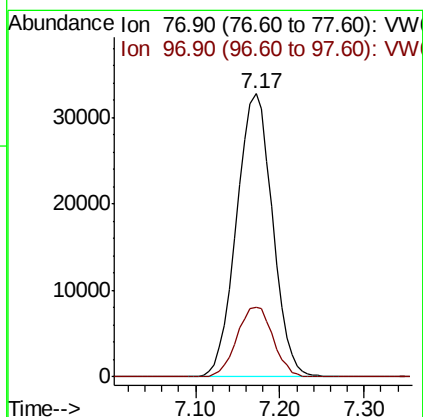
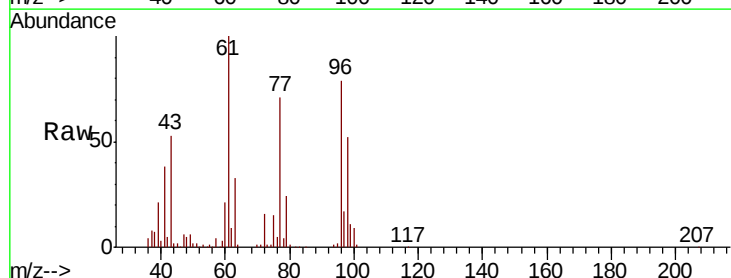
Acq: 05 Nov 2018 16:06

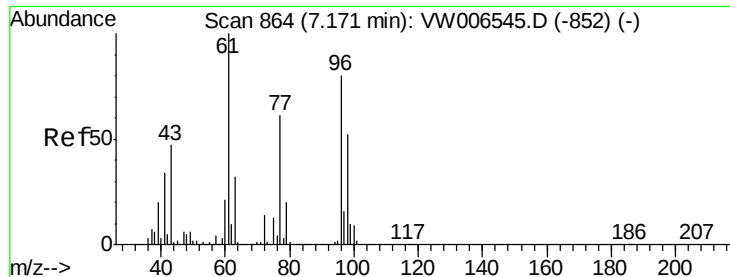
Tgt Ion: 77 Resp: 94510

Ion Ratio Lower Upper

77 100

97 24.7 12.8 38.4



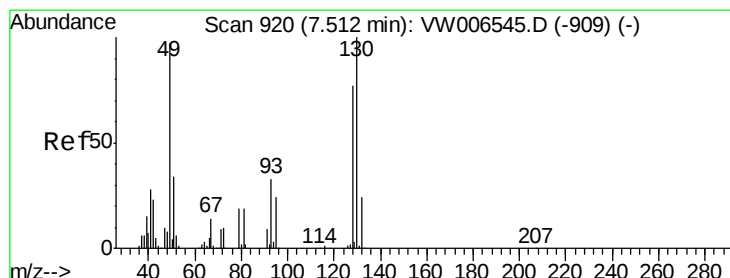
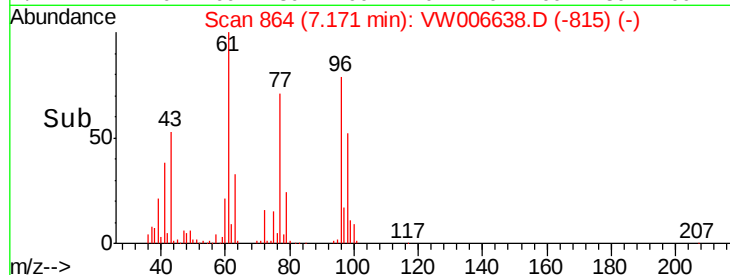
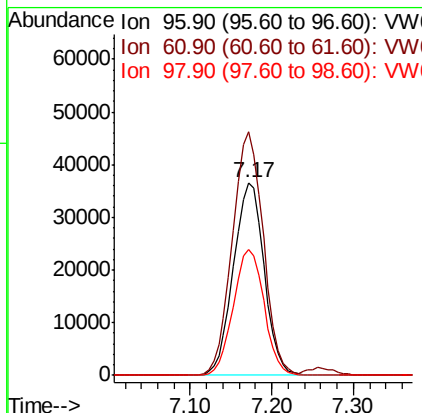
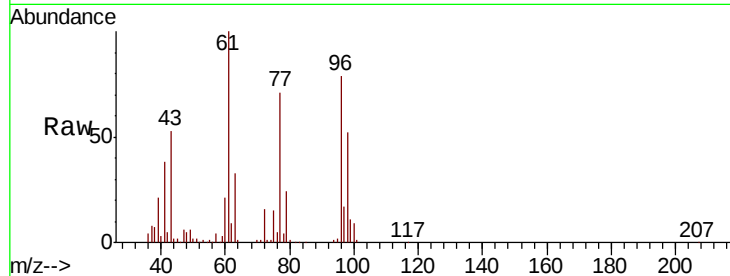


#27

cis-1,2-Dichloroethene
Concen: 52.809 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

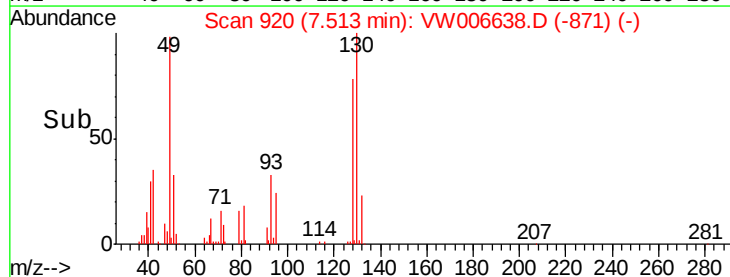
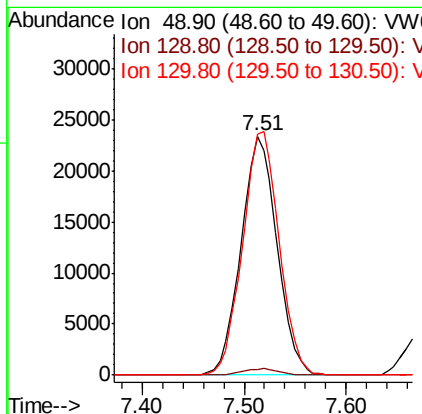
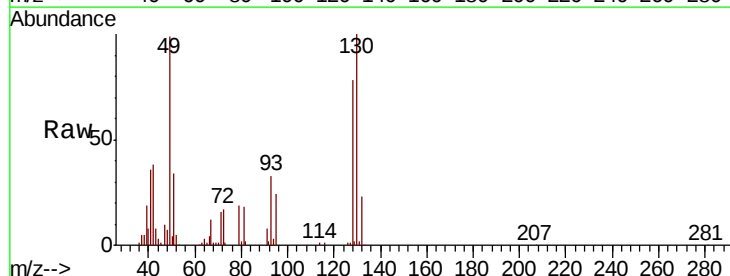
Tgt Ion: 96 Resp: 95068
Ion Ratio Lower Upper
96 100
61 127.5 0.0 254.2
98 65.5 0.0 129.6

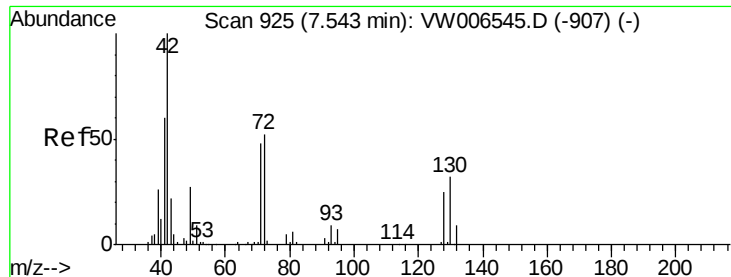


#28

Bromochloromethane
Concen: 55.068 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion: 49 Resp: 57349
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 103.3 82.2 123.2

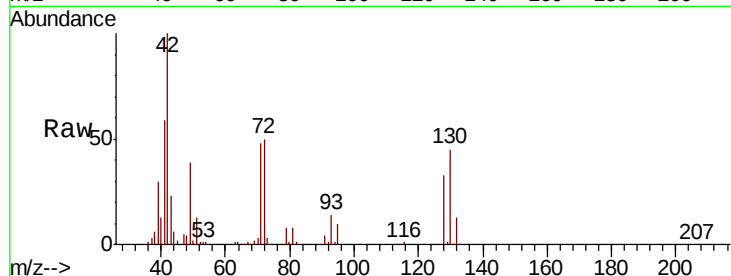




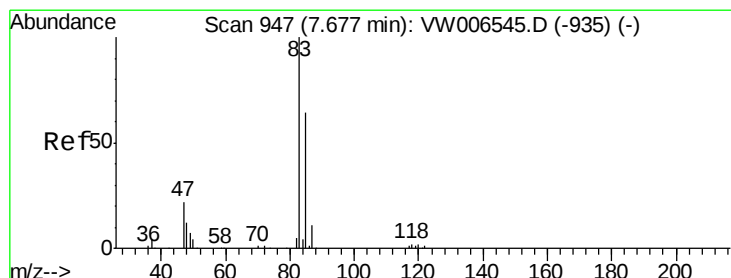
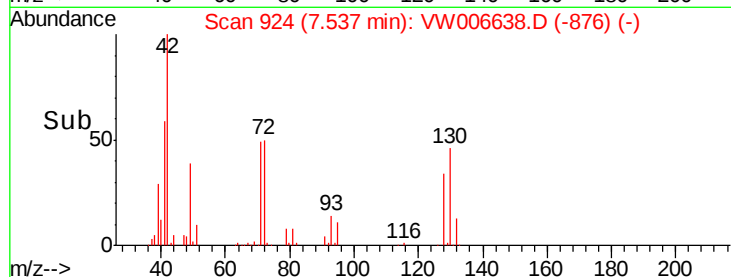
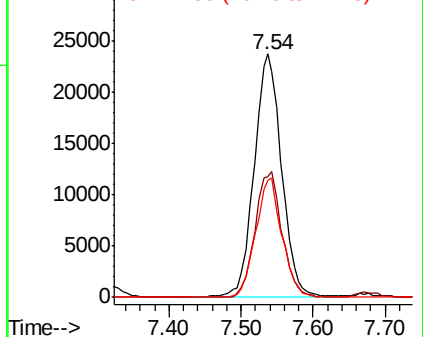
#29
Tetrahydrofuran
Concen: 288.878 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

Tgt Ion: 42 Resp: 62732
Ion Ratio Lower Upper
42 100
72 50.6 39.2 58.8
71 46.9 37.6 56.4

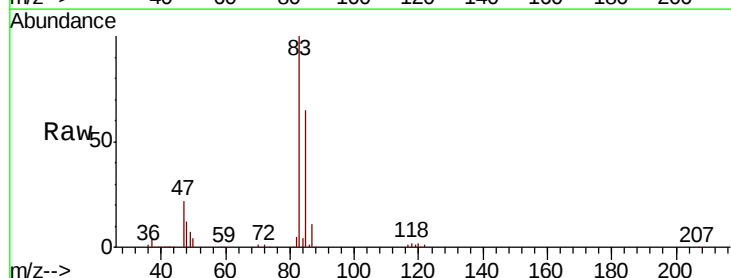


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

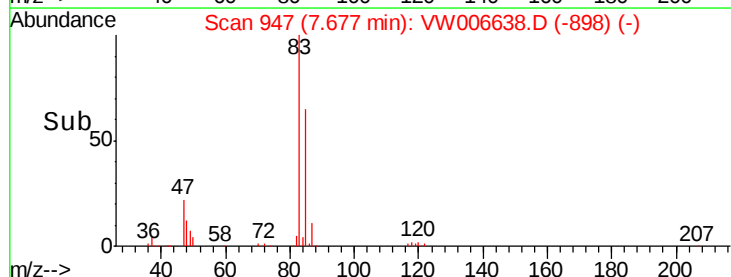
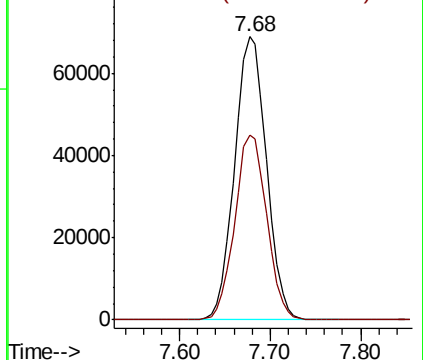


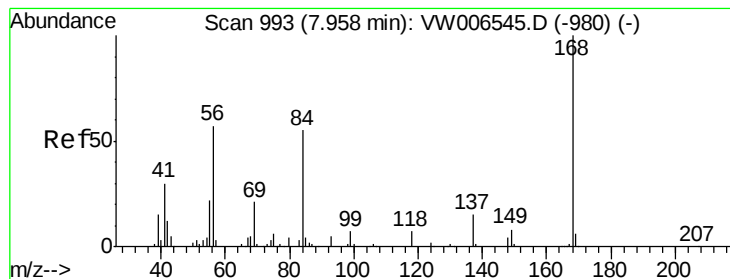
#30
Chloroform
Concen: 58.329 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion: 83 Resp: 167724
Ion Ratio Lower Upper
83 100
85 65.4 51.3 76.9



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





#31

Cyclohexane

Concen: 36.328 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

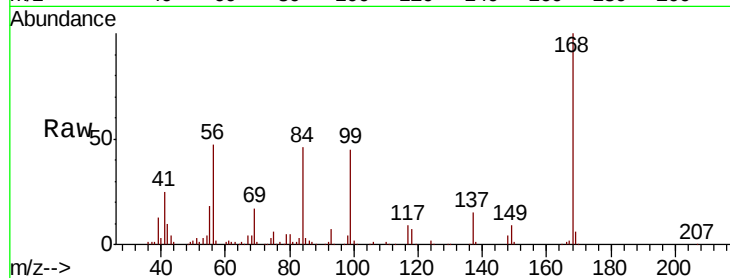
Tgt Ion: 56 Resp: 86717

Ion Ratio Lower Upper

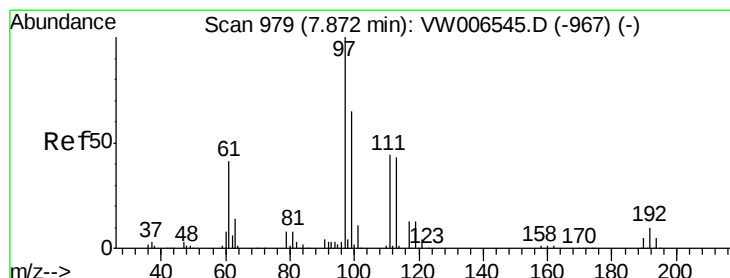
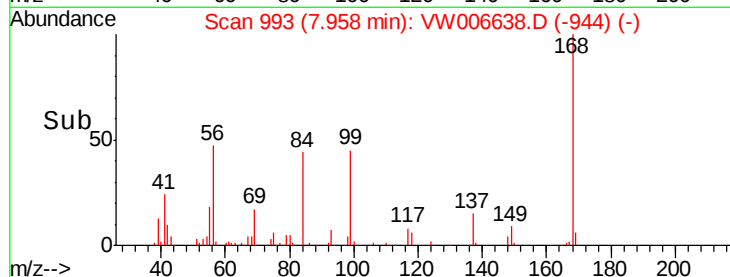
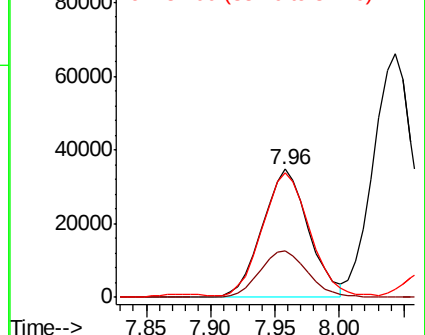
56 100

69 36.7 29.0 43.4

84 95.3 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: 57.297 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

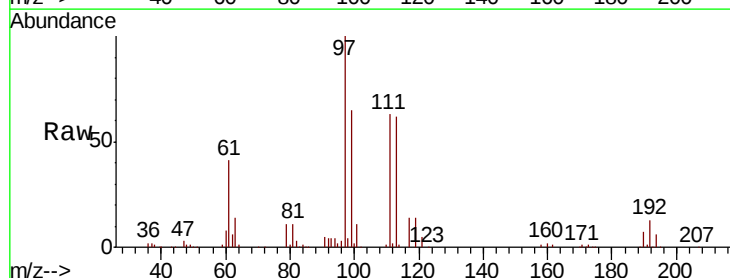
Tgt Ion: 97 Resp: 139414

Ion Ratio Lower Upper

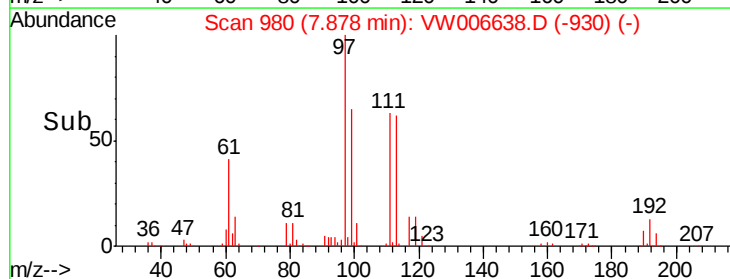
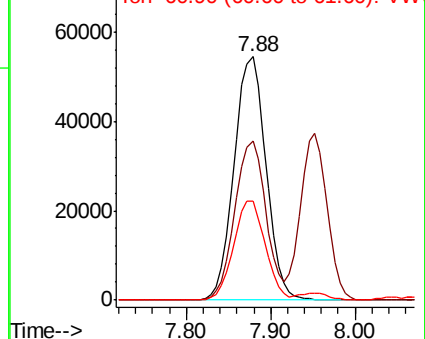
97 100

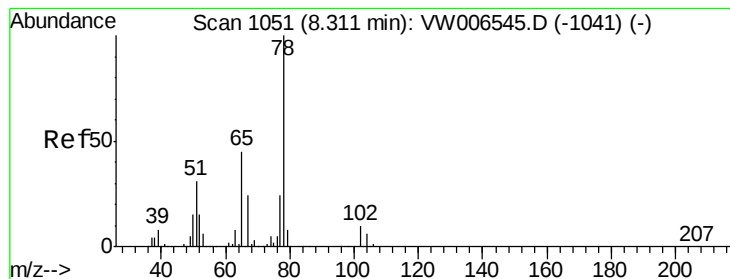
99 63.9 51.7 77.5

61 40.4 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: 57.969 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

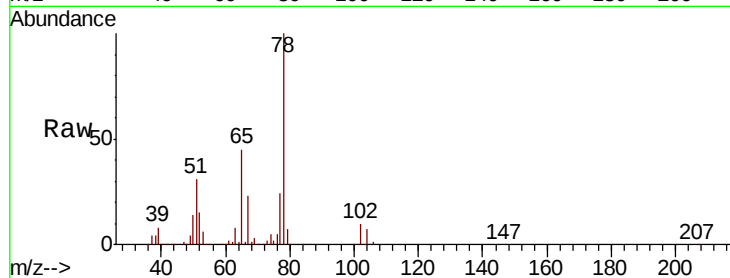
DL-SED-01MS

Tgt Ion: 65 Resp: 86873

Ion Ratio Lower Upper

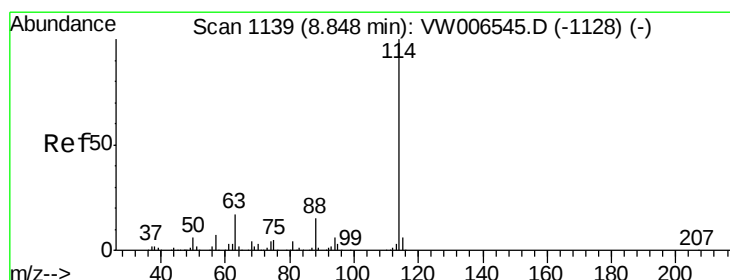
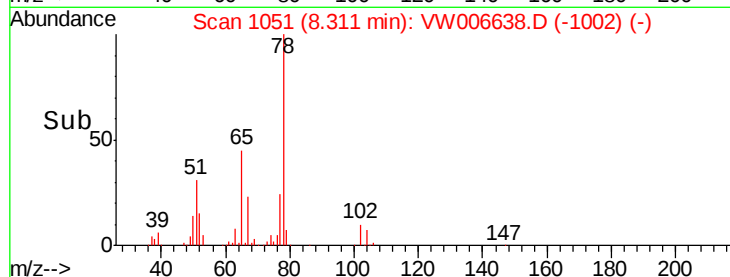
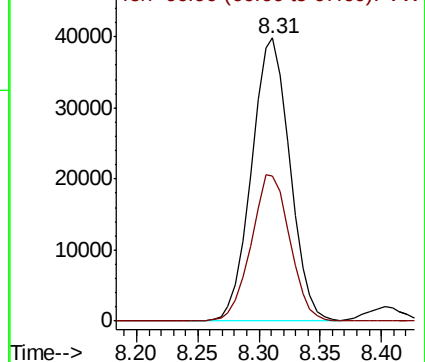
65 100

67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

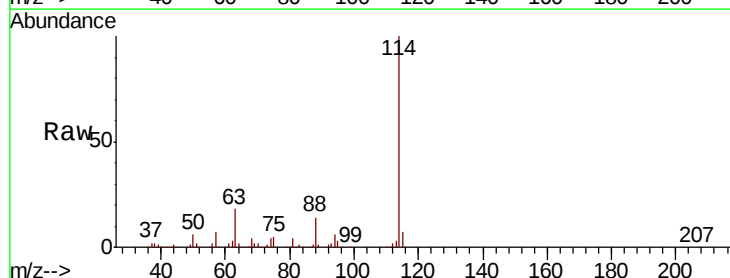
Tgt Ion: 114 Resp: 246438

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

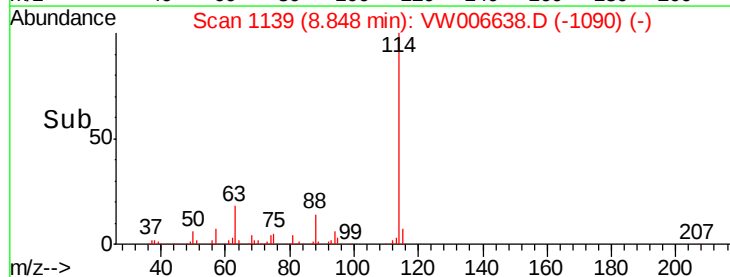
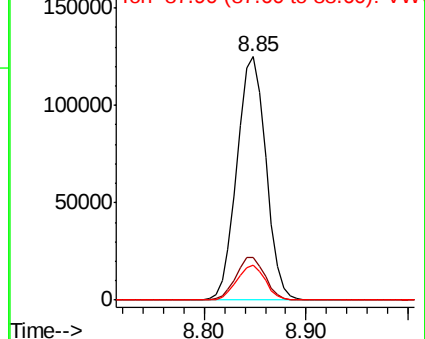
88 14.2 0.0 29.0

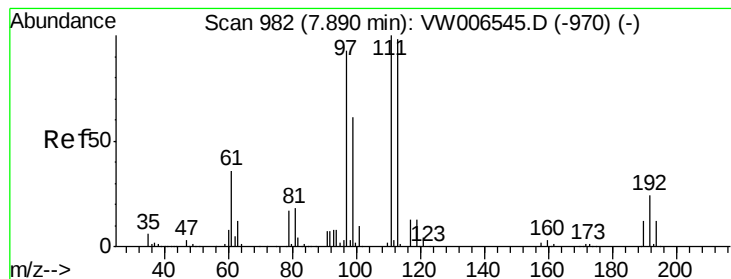


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 60.849 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

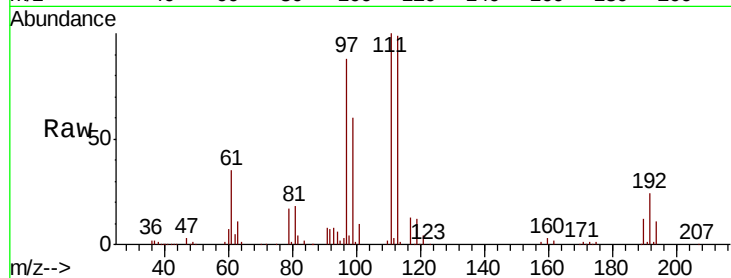
Tgt Ion:113 Resp: 94108

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

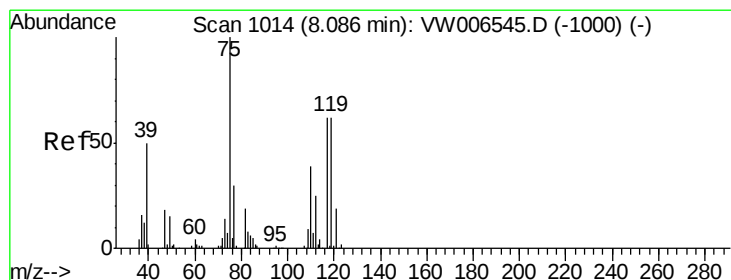
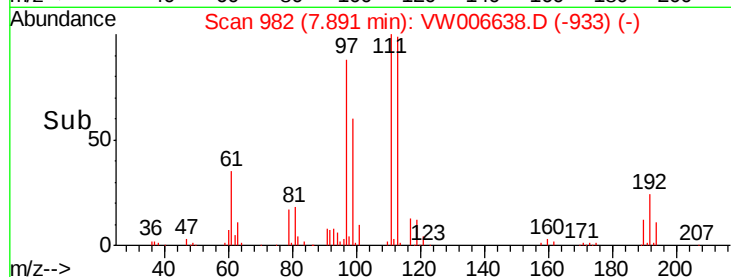
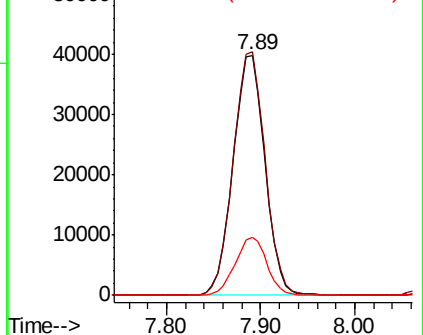
192 23.9 19.0 28.6



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: 49.257 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

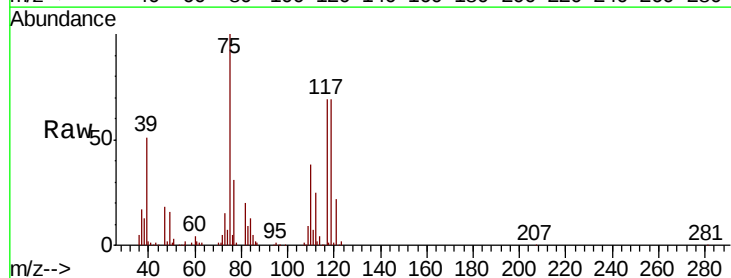
Tgt Ion: 75 Resp: 106750

Ion Ratio Lower Upper

75 100

110 38.7 19.5 58.5

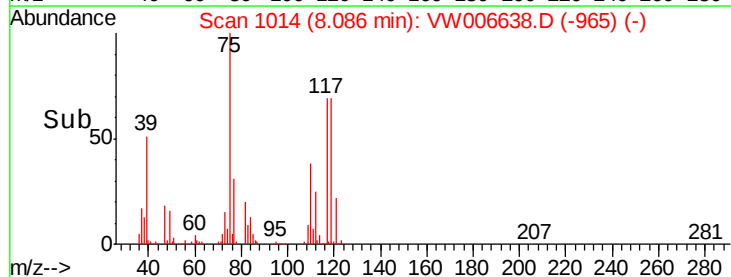
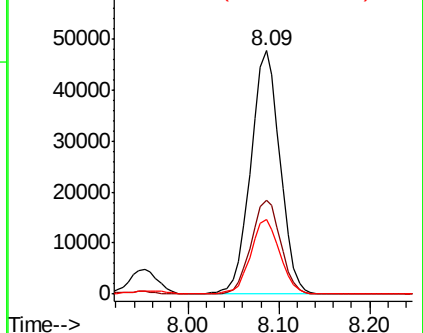
77 30.7 24.6 37.0

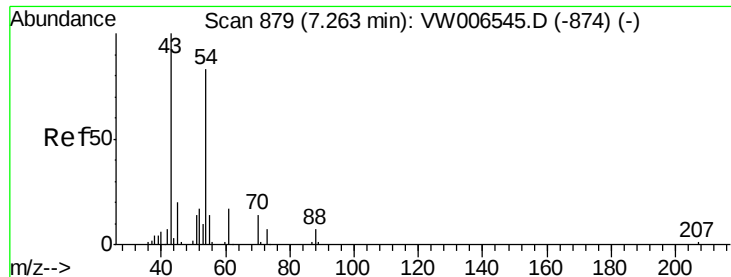


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

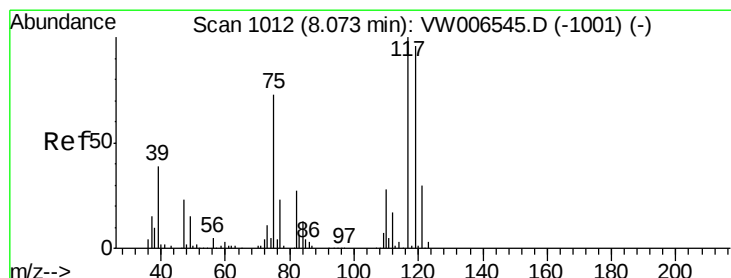
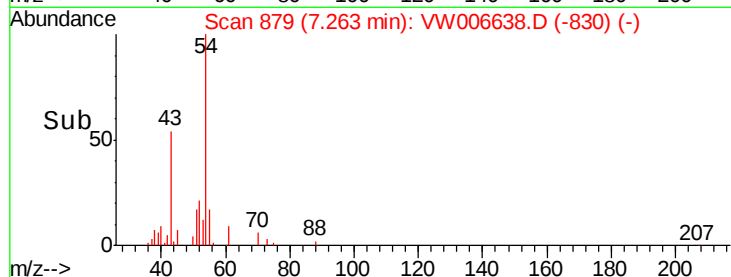
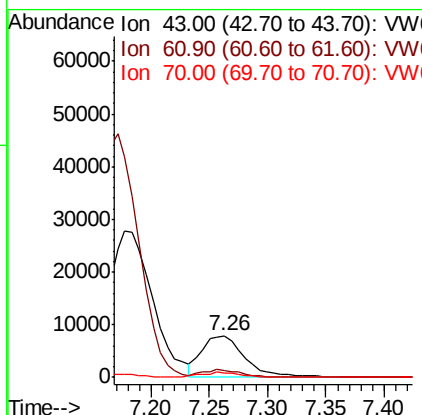
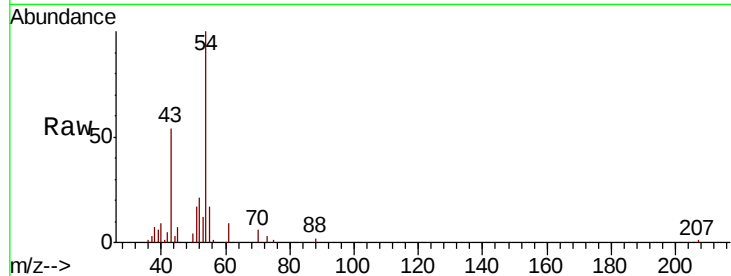




#37
 Ethyl Acetate
 Concen: 26.329 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

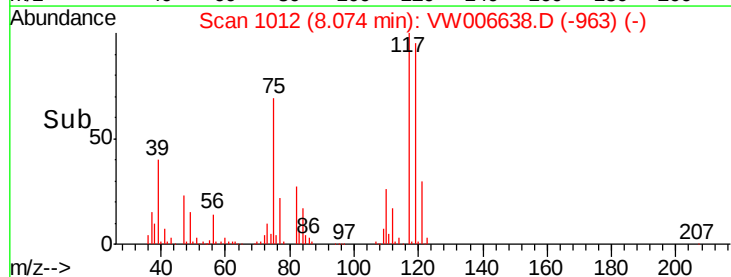
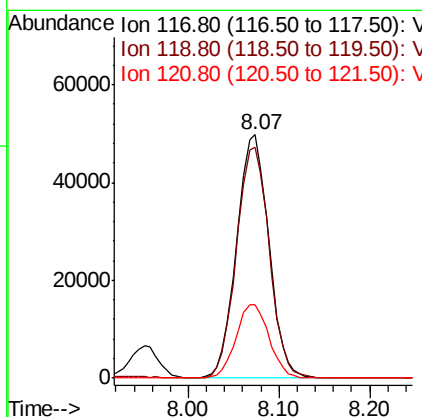
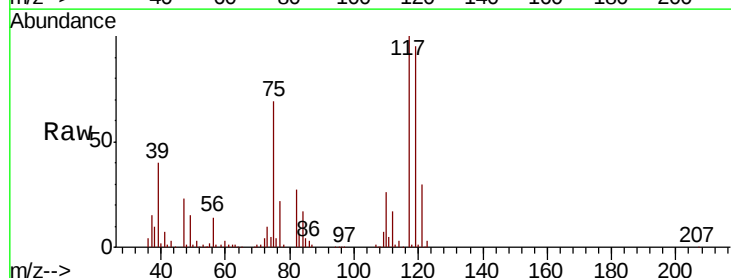
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

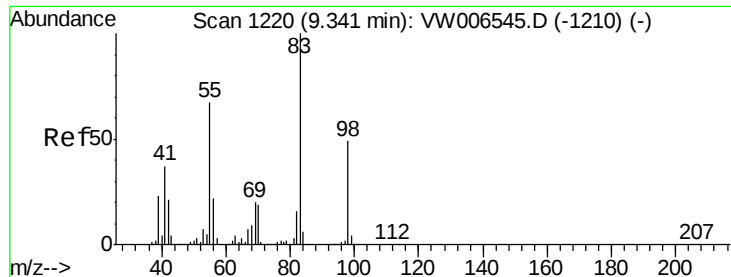
Tgt Ion: 43 Resp: 19774
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 11.6 9.8 14.6



#38
 Carbon Tetrachloride
 Concen: 54.359 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 117 Resp: 123097
 Ion Ratio Lower Upper
 117 100
 119 95.1 76.3 114.5
 121 30.1 24.1 36.1

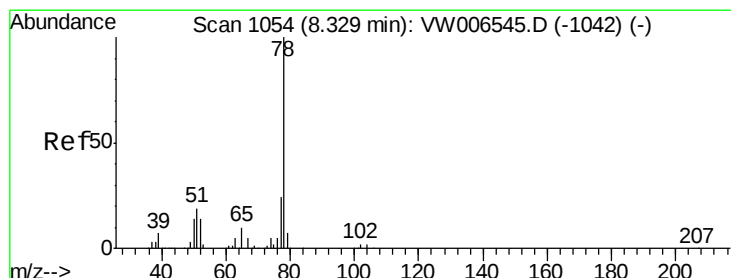
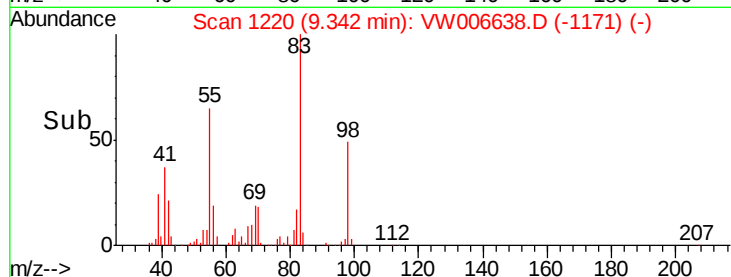
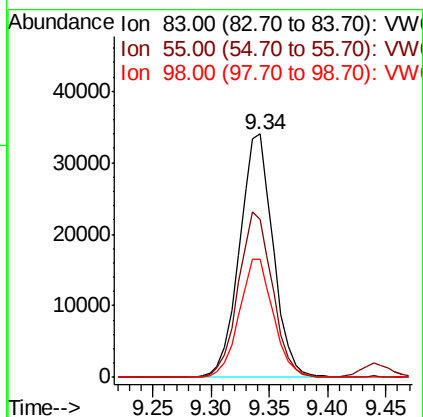
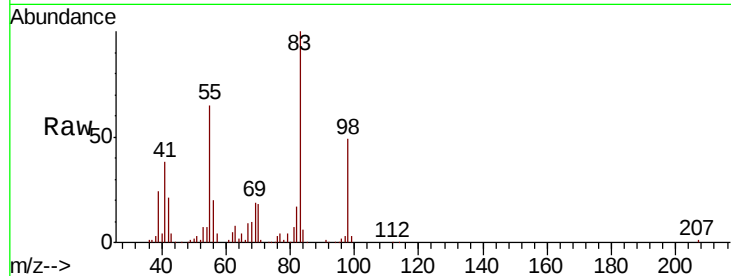




#39
Methylcyclohexane
Concen: 24.878 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

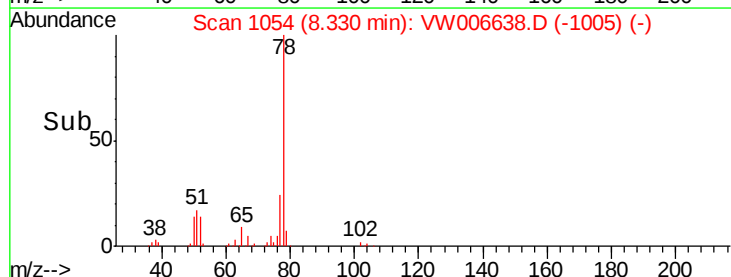
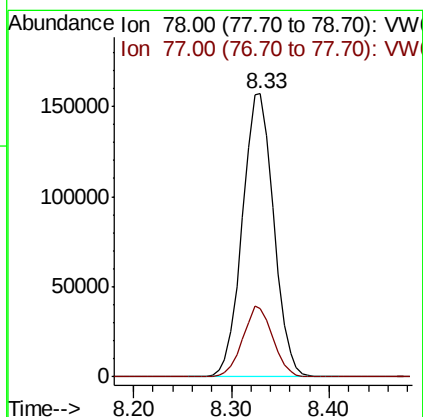
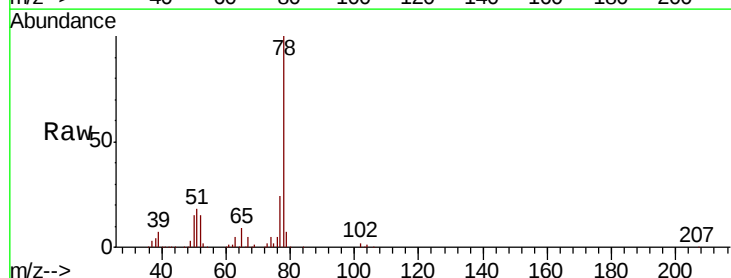
Instrument :
MSVOA_W
ClientSampled :
DL-SED-01MS

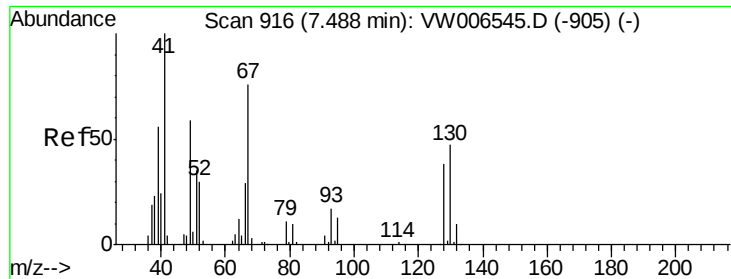
Tgt Ion: 83 Resp: 68419
Ion Ratio Lower Upper
83 100
55 64.7 53.7 80.5
98 48.7 39.2 58.8



#40
Benzene
Concen: 56.711 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion: 78 Resp: 349092
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

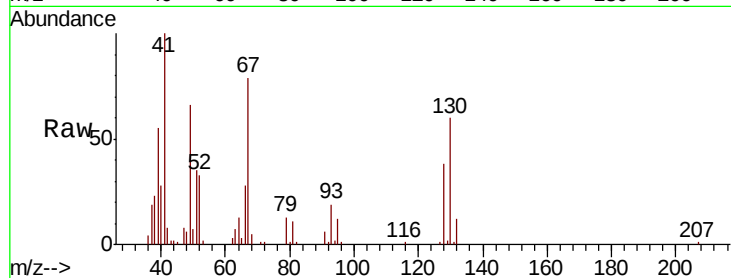




#41
Methacrylonitrile
Concen: 60.010 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

Tgt Ion:	41	Resp:	27636
Ion	Ratio	Lower	Upper
41	100		
39	48.7	44.5	66.7
67	73.0	63.8	95.8
52	30.1	26.3	39.5



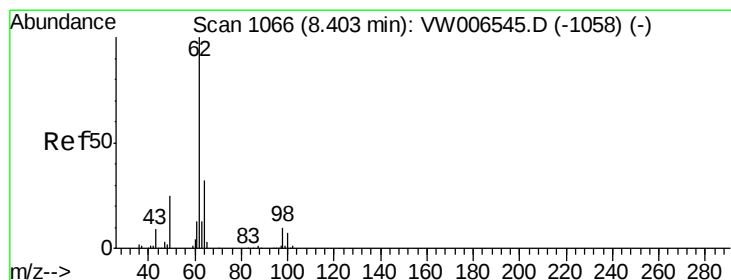
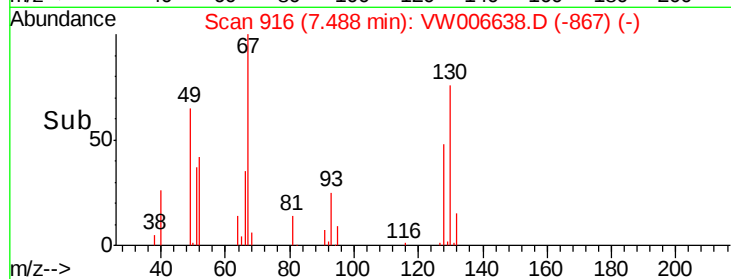
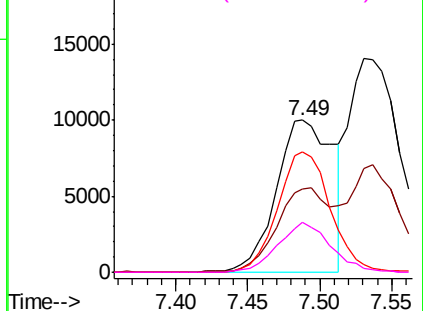
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

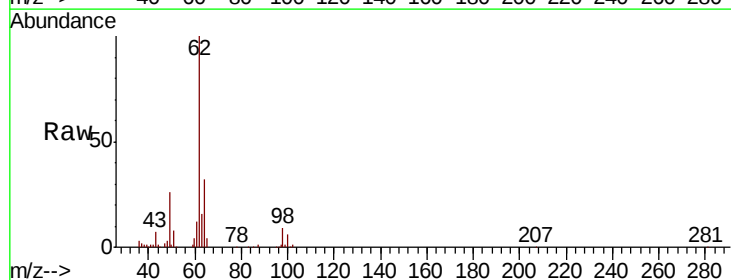
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 56.509 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

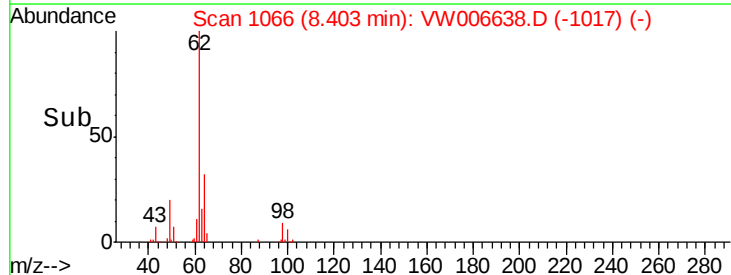
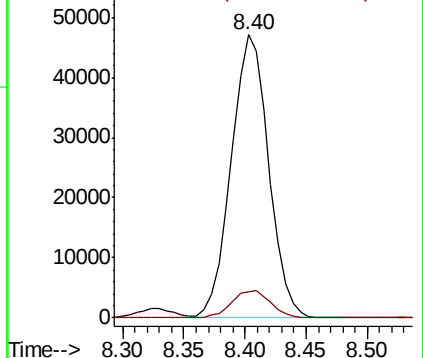
Tgt Ion:	62	Resp:	99758
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8

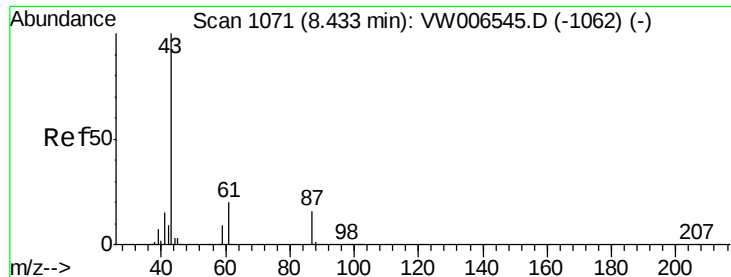


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 32.653 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

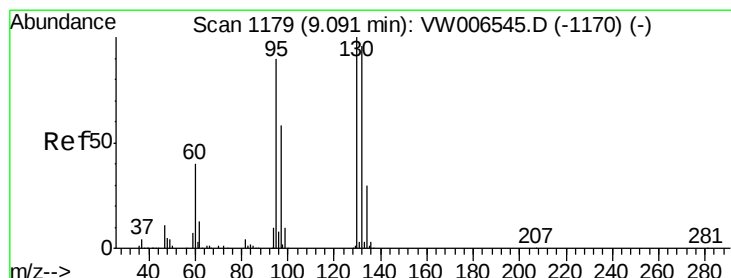
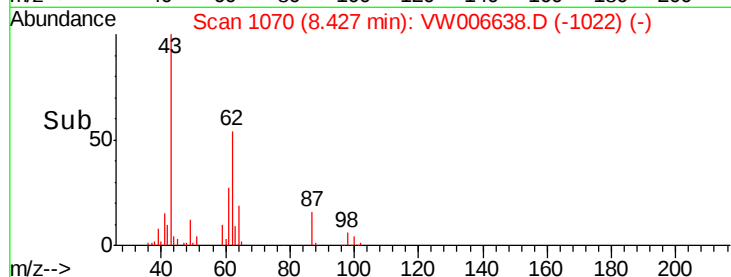
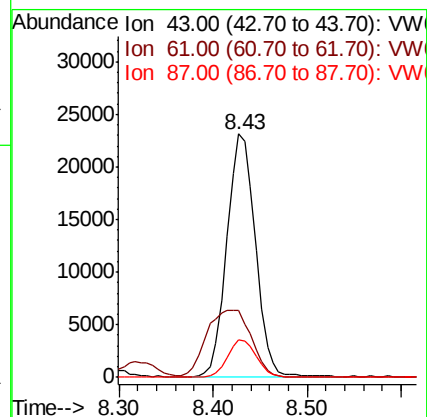
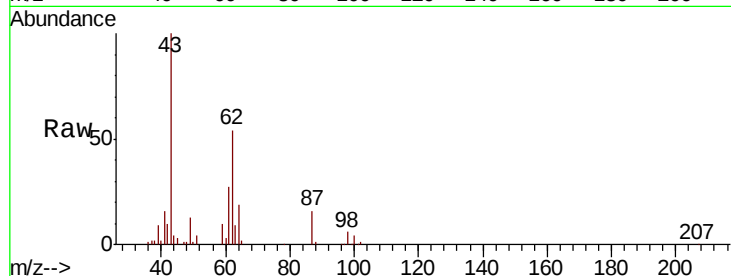
Tgt Ion: 43 Resp: 48935

Ion Ratio Lower Upper

43 100

61 42.9 27.2 40.8#

87 15.5 12.9 19.3



#44

Trichloroethene

Concen: 47.551 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006638.D

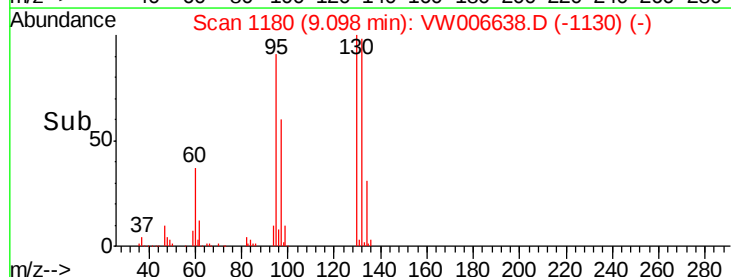
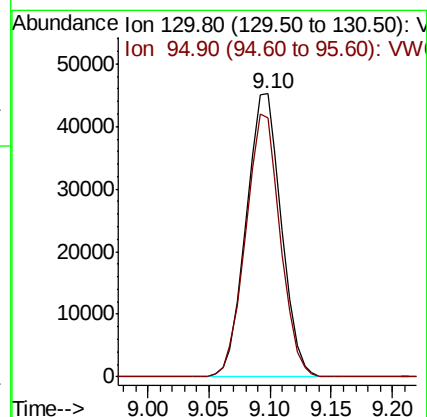
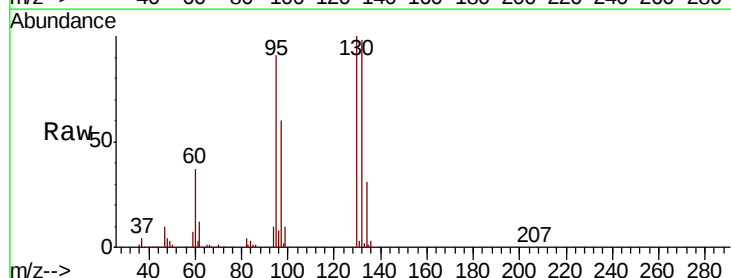
Acq: 05 Nov 2018 16:06

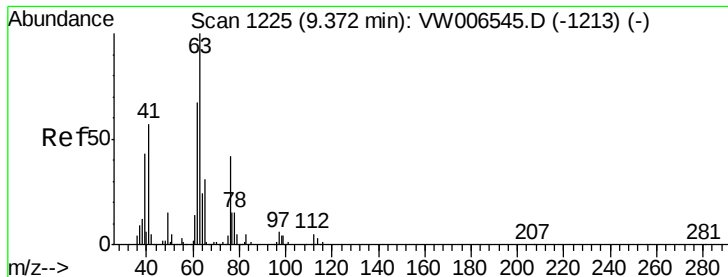
Tgt Ion: 130 Resp: 90324

Ion Ratio Lower Upper

130 100

95 91.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 58.203 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

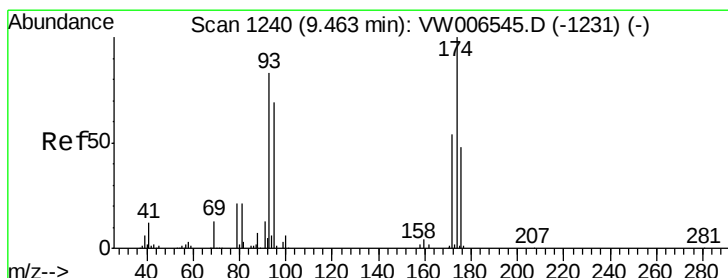
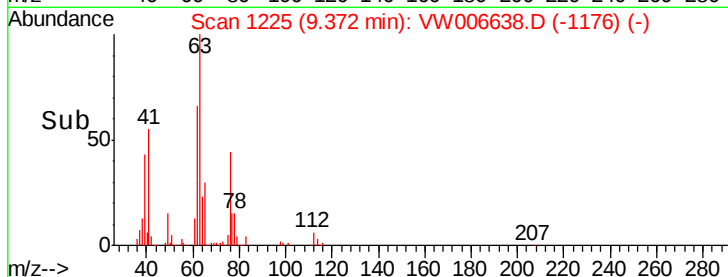
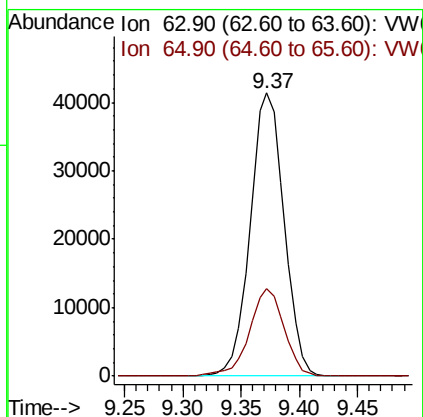
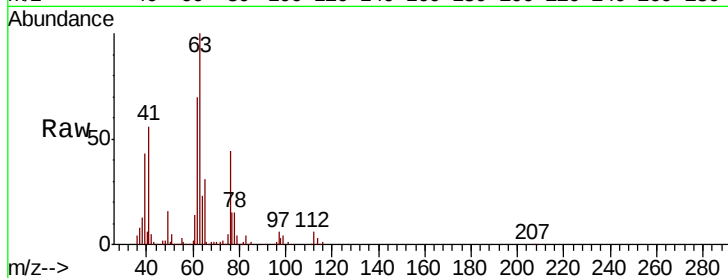
DL-SED-01MS

Tgt Ion: 63 Resp: 83377

Ion Ratio Lower Upper

63 100

65 30.8 25.1 37.7



#46

Dibromomethane

Concen: 53.128 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

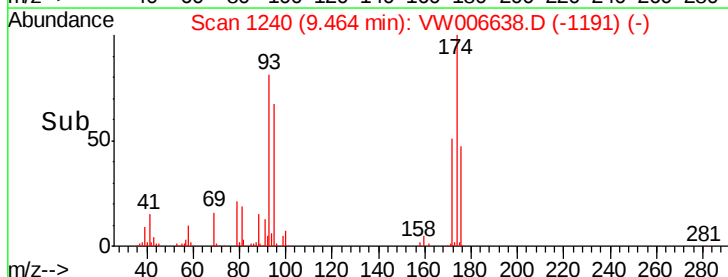
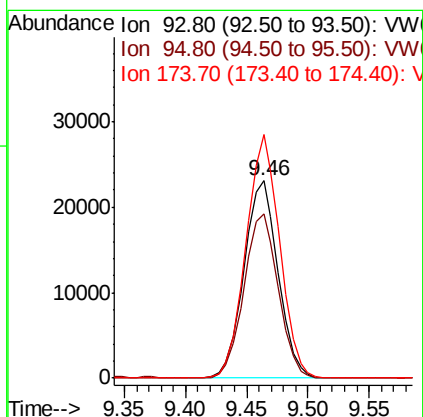
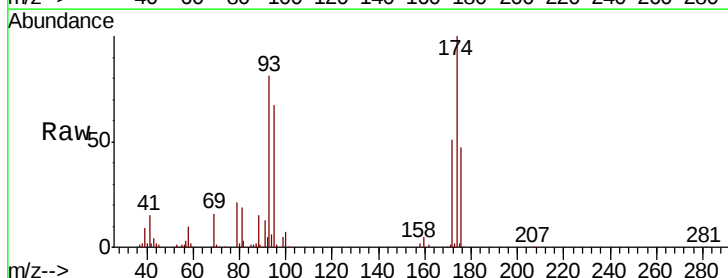
Tgt Ion: 93 Resp: 44739

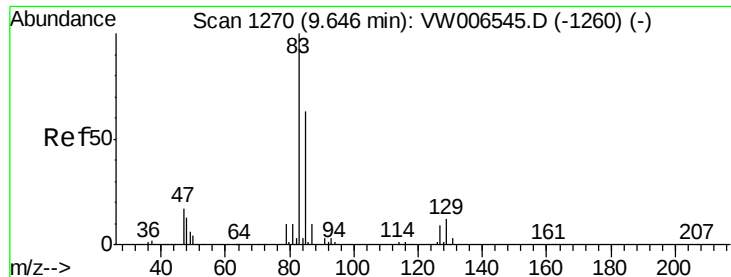
Ion Ratio Lower Upper

93 100

95 83.7 67.2 100.8

174 121.7 97.3 145.9





#47

Bromodichloromethane

Concen: 56.278 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

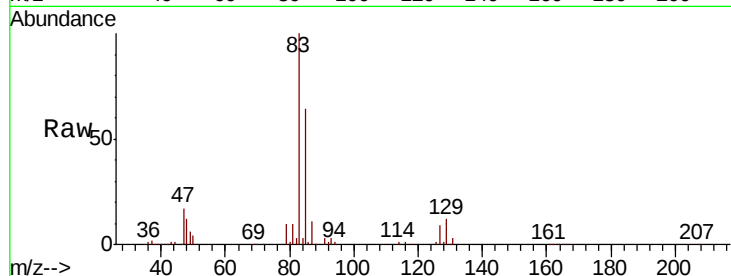
Tgt Ion: 83 Resp: 110038

Ion Ratio Lower Upper

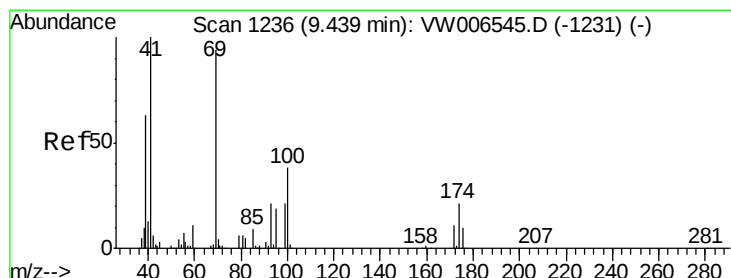
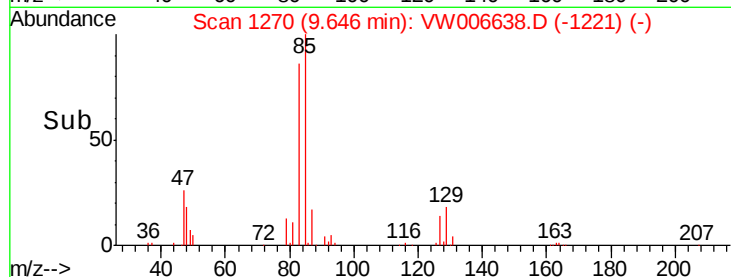
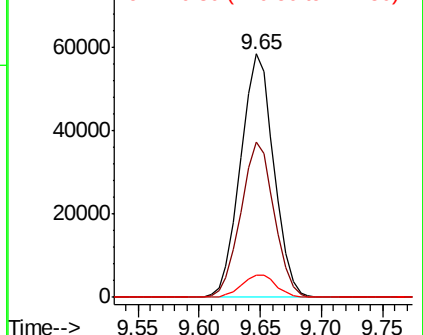
83 100

85 63.9 50.6 75.8

127 9.1 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): V



#48

Methyl methacrylate

Concen: 66.312 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

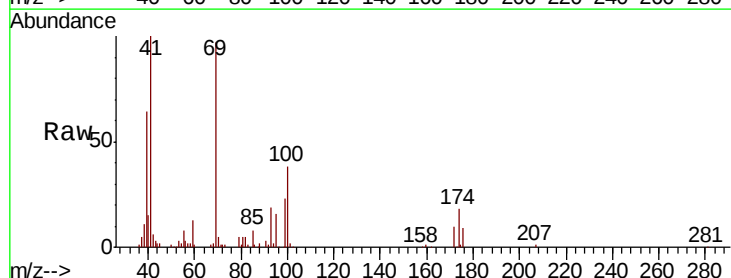
Tgt Ion: 41 Resp: 47880

Ion Ratio Lower Upper

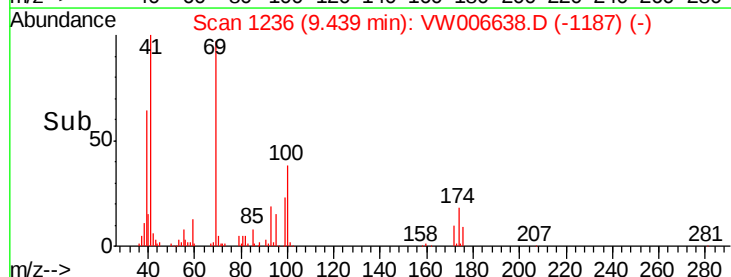
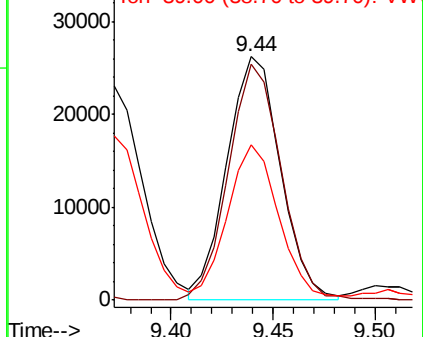
41 100

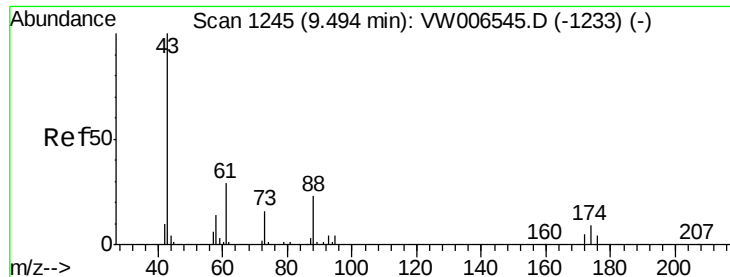
69 95.9 77.8 116.8

39 61.6 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

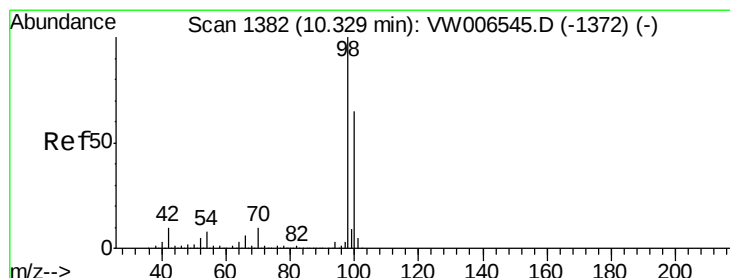
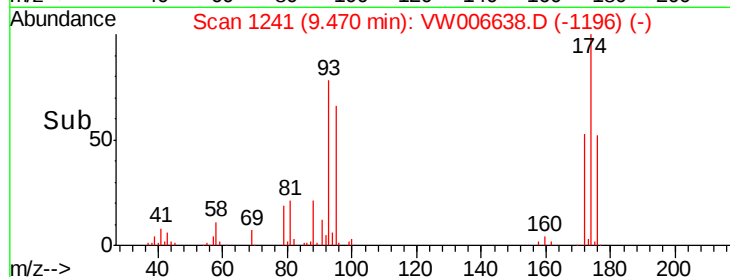
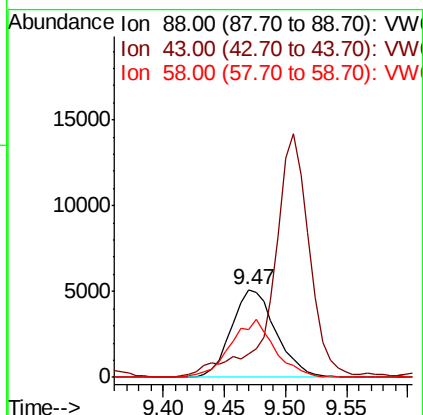
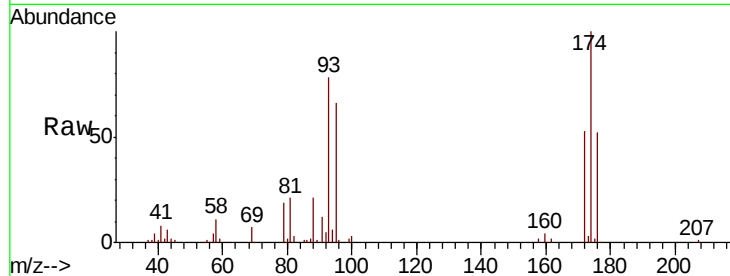




#49
 1,4-Dioxane
 Concen: 1045.774 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

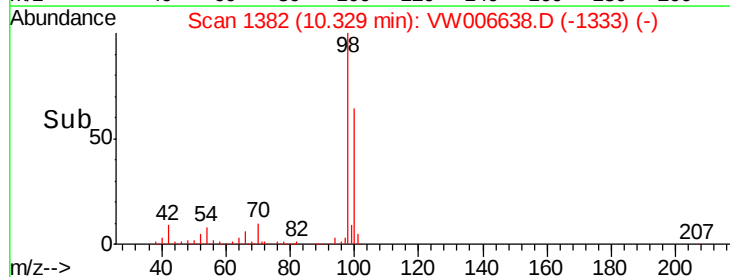
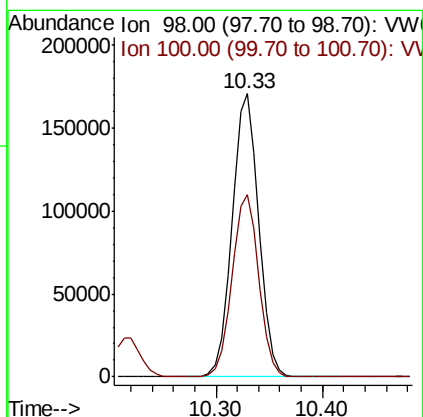
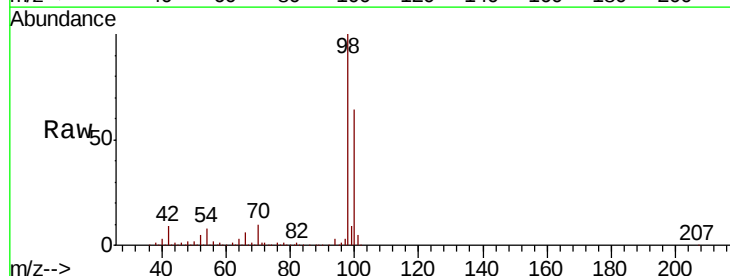
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

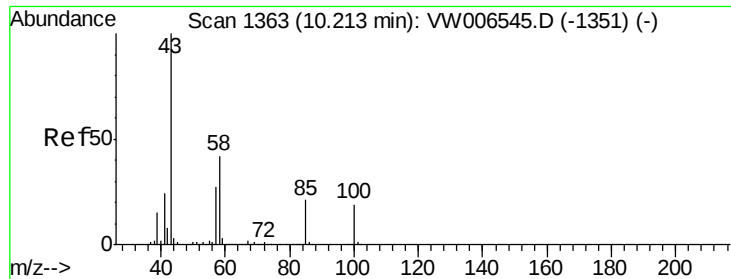
Tgt Ion: 88 Resp: 12888
 Ion Ratio Lower Upper
 88 100
 43 0.0 356.6 534.8#
 58 65.6 51.4 77.2



#50
 Toluene-d8
 Concen: 50.623 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 98 Resp: 298050
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 289.014 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

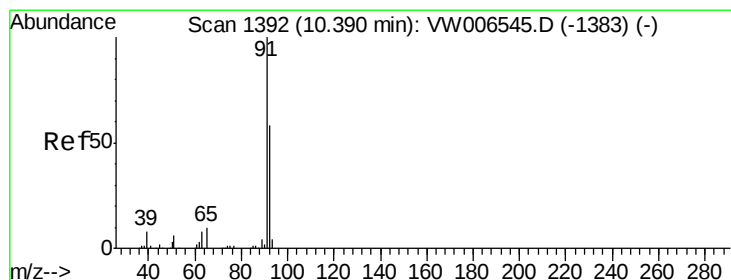
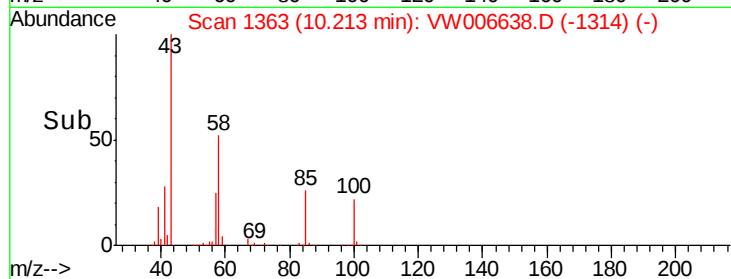
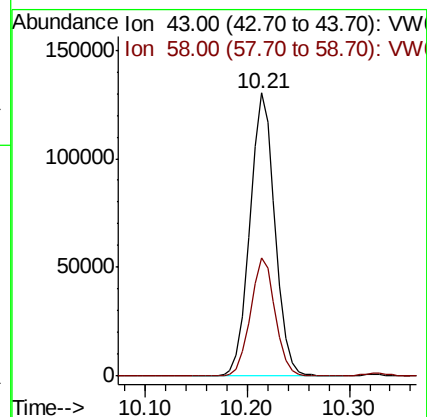
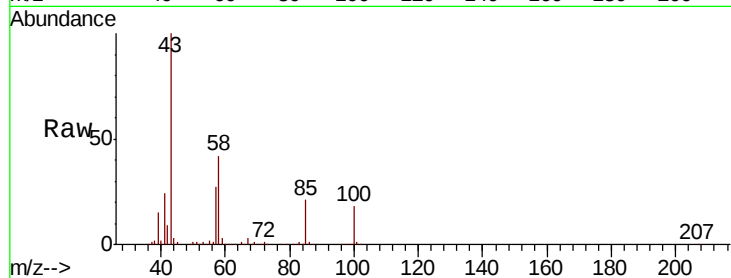
DL-SED-01MS

Tgt Ion: 43 Resp: 222449

Ion Ratio Lower Upper

43 100

58 41.4 33.4 50.0



#52

Toluene

Concen: 47.470 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006638.D

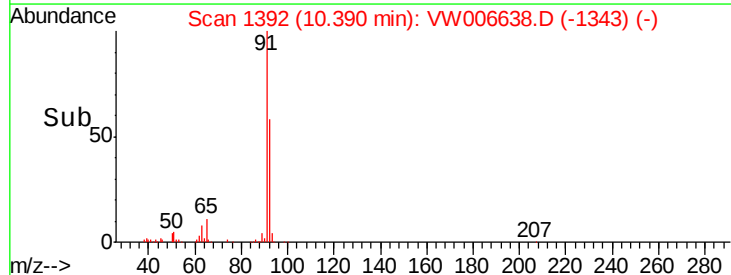
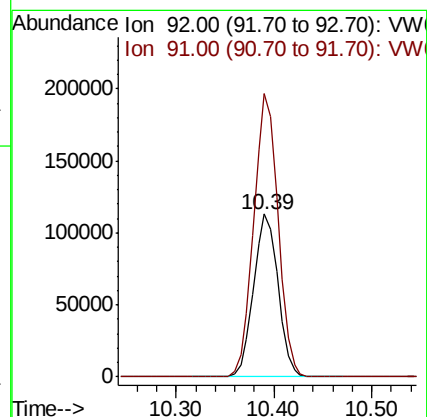
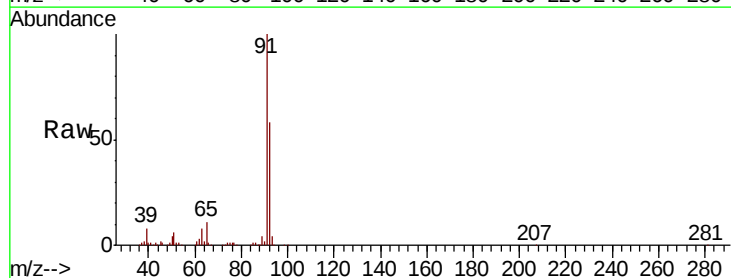
Acq: 05 Nov 2018 16:06

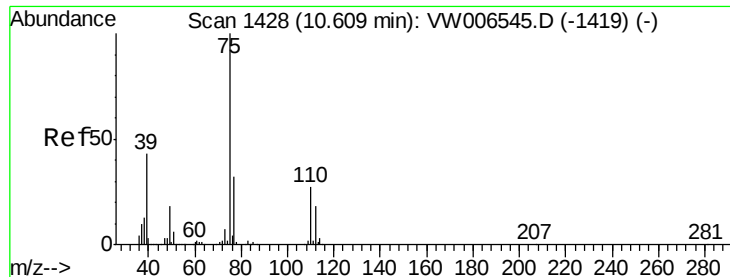
Tgt Ion: 92 Resp: 195988

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 46.569 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

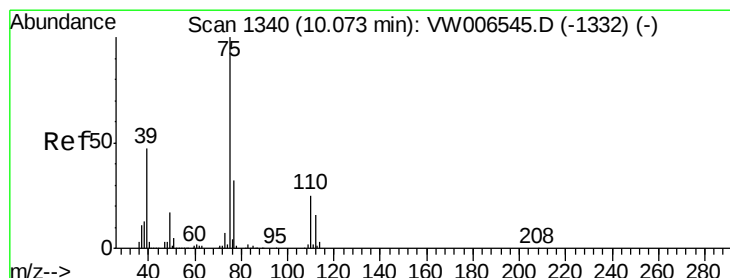
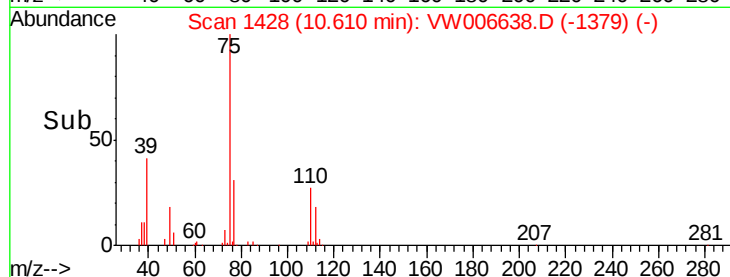
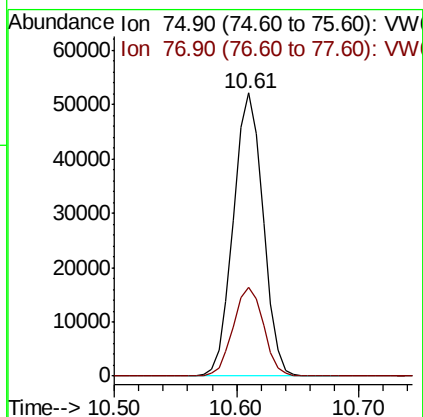
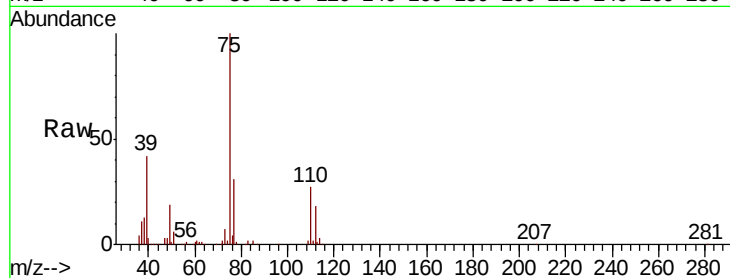
DL-SED-01MS

Tgt Ion: 75 Resp: 87632

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 48.543 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

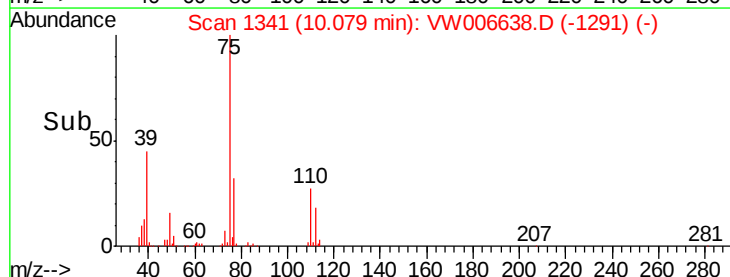
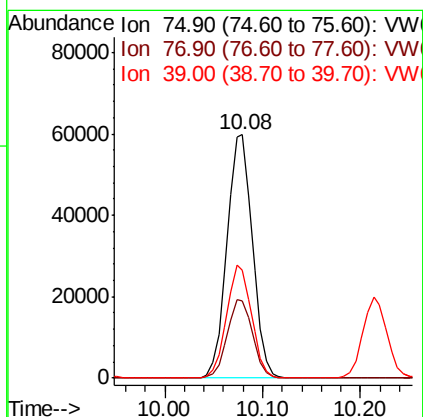
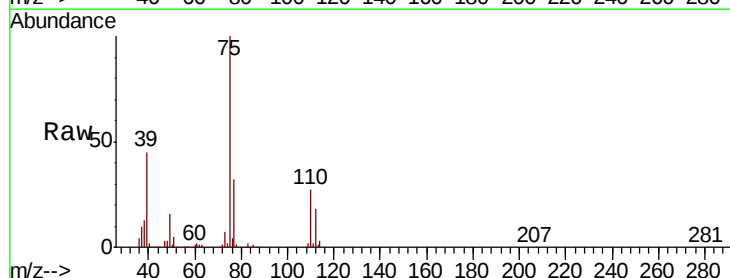
Tgt Ion: 75 Resp: 107946

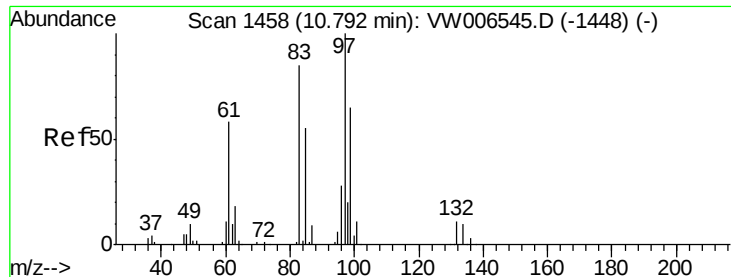
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 44.5 37.3 55.9

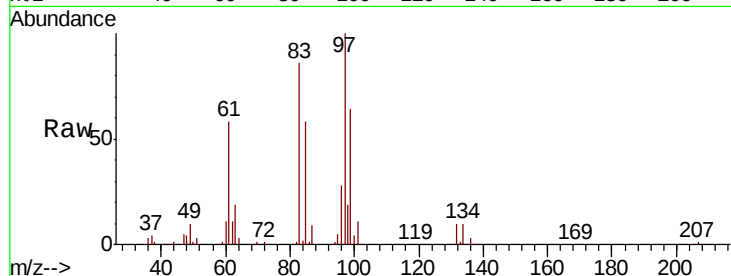




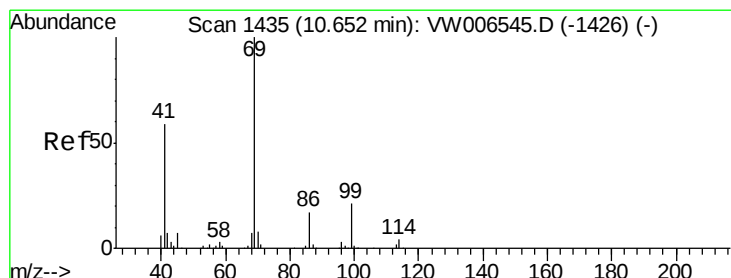
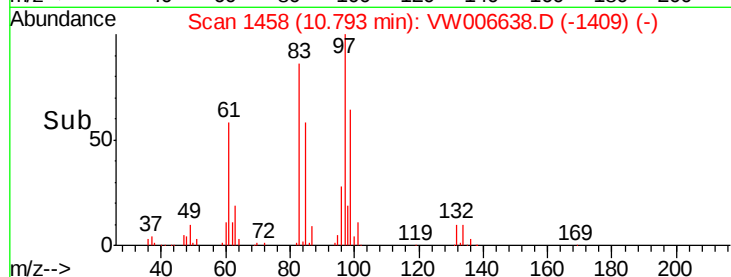
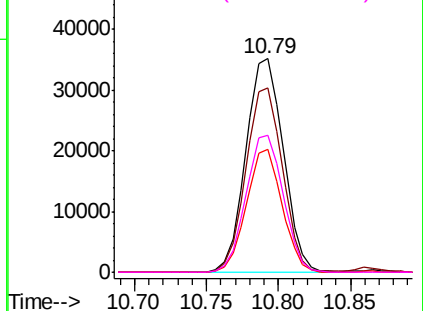
#55
 1,1,2-Trichloroethane
 Concen: 52.870 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

Tgt Ion:	97	Resp:	63169
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.9	101.9
85	57.8	44.0	66.0
99	64.0	52.2	78.2

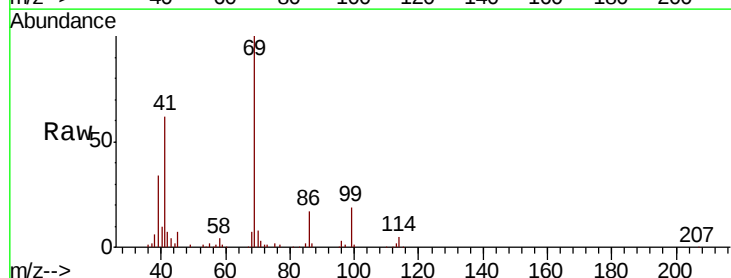


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

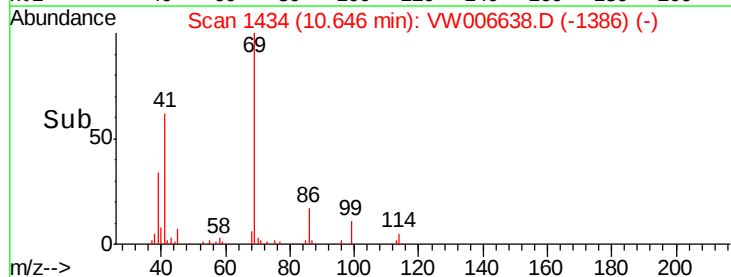
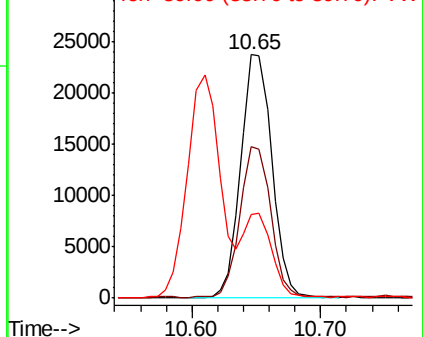


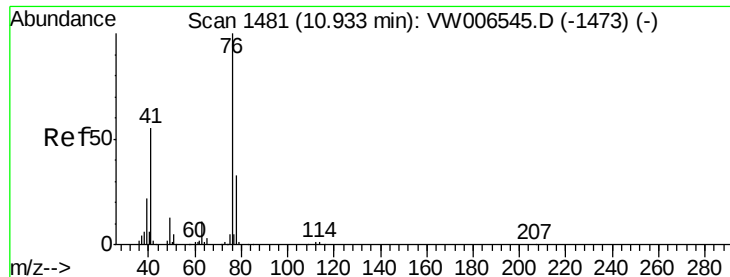
#56
 Ethyl methacrylate
 Concen: 29.410 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion:	69	Resp:	39939
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.4	71.2
39	31.1	25.3	37.9



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 52.393 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

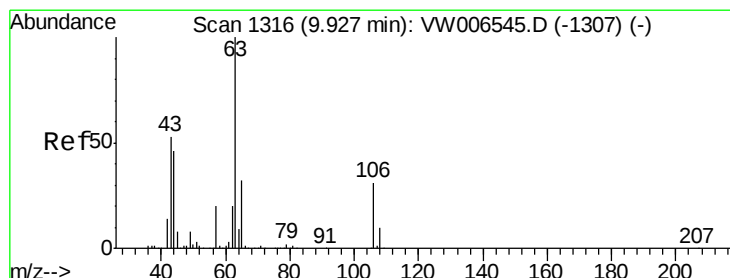
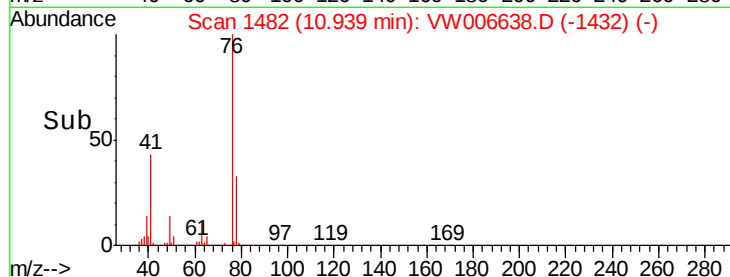
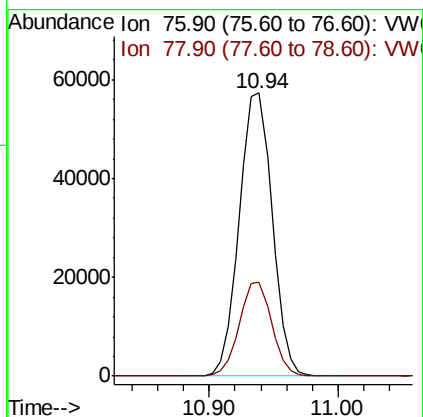
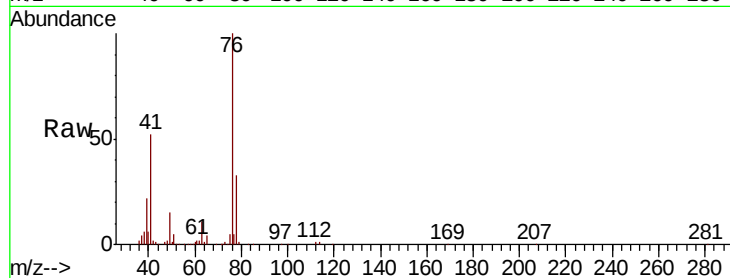
DL-SED-01MS

Tgt Ion: 76 Resp: 101650

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 229.827 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006638.D

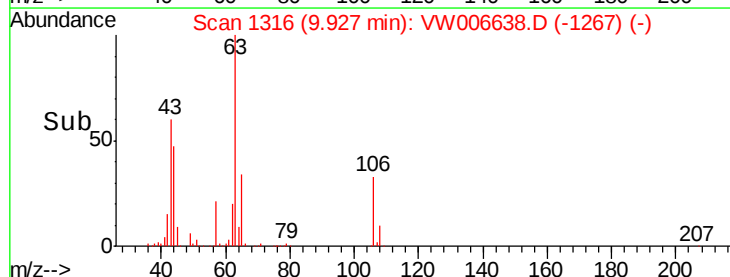
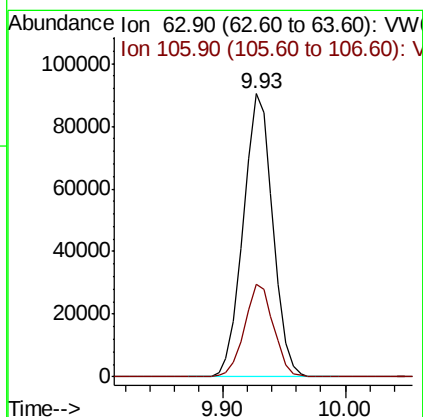
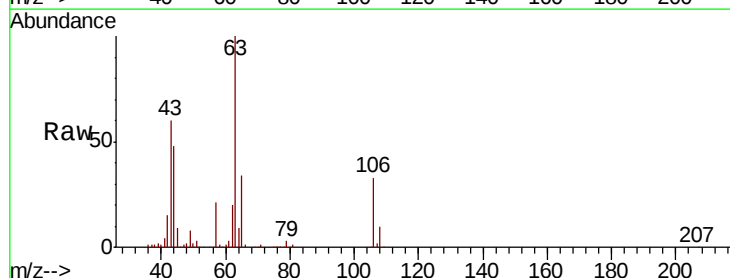
Acq: 05 Nov 2018 16:06

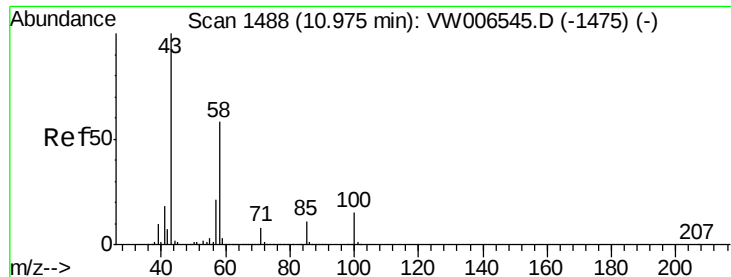
Tgt Ion: 63 Resp: 151719

Ion Ratio Lower Upper

63 100

106 32.2 25.4 38.2

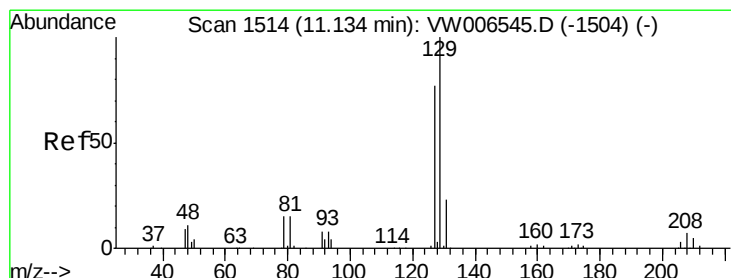
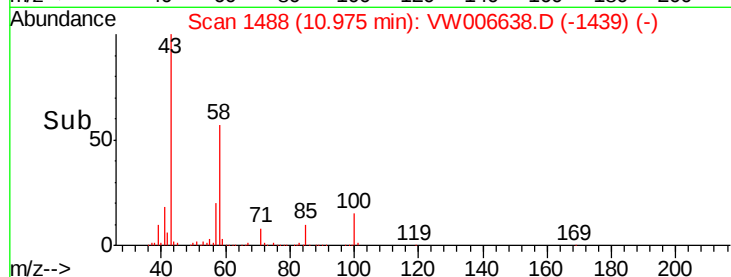
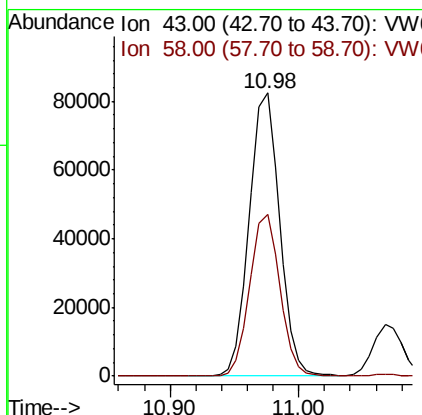
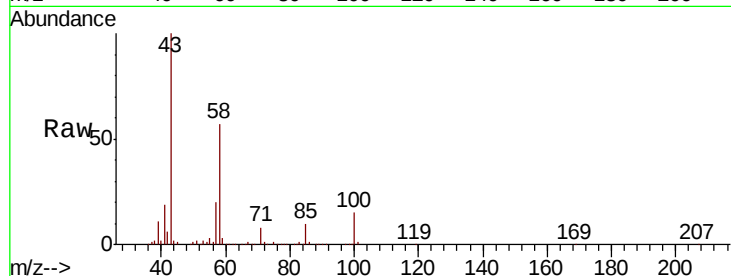




#59
2-Hexanone
Concen: 256.759 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

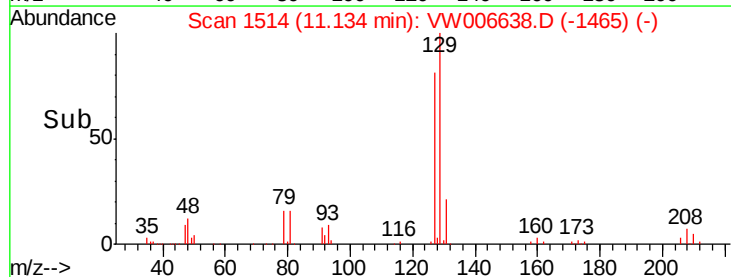
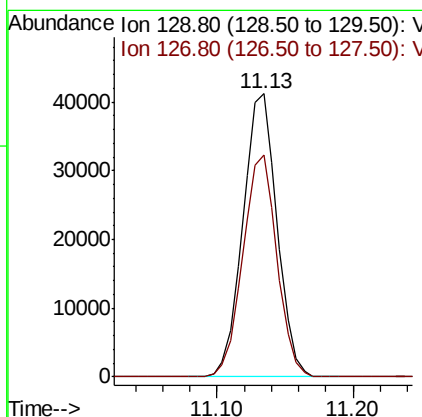
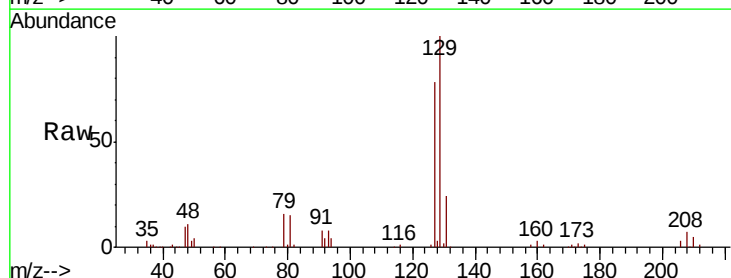
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

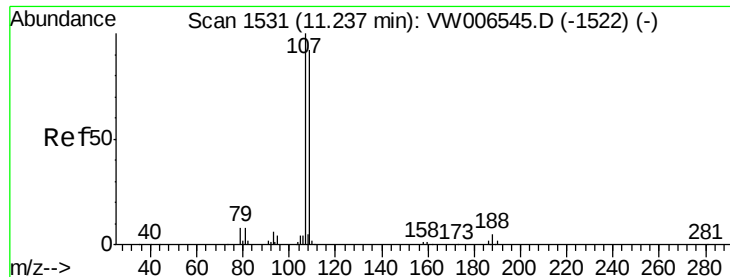
Tgt Ion: 43 Resp: 134224
Ion Ratio Lower Upper
43 100
58 56.9 28.8 86.4



#60
Dibromochloromethane
Concen: 51.110 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion: 129 Resp: 72352
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3

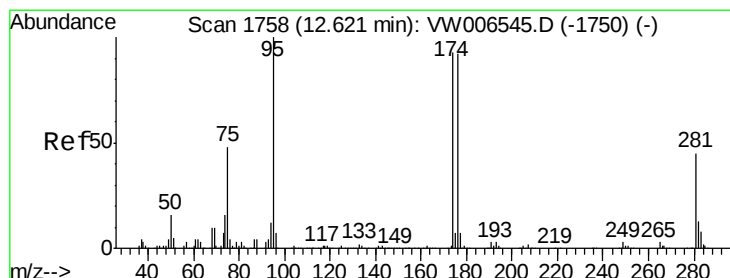
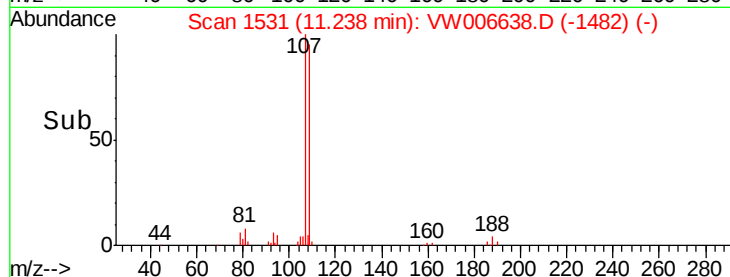
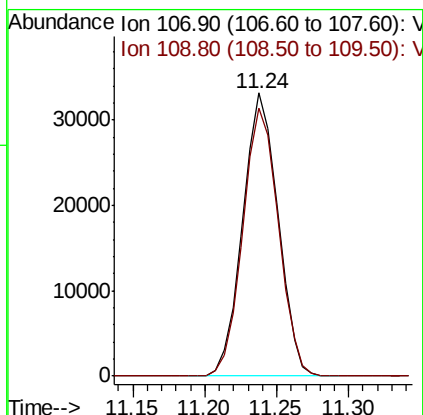
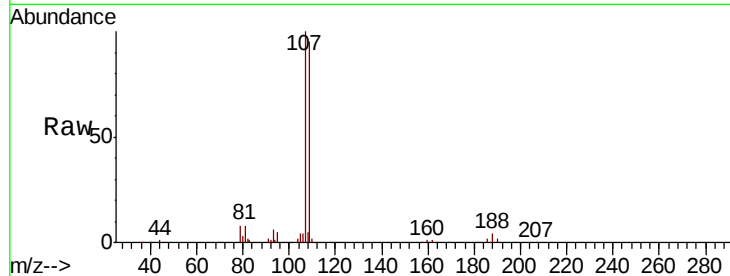




#61
 1,2-Dibromoethane
 Concen: 47.578 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

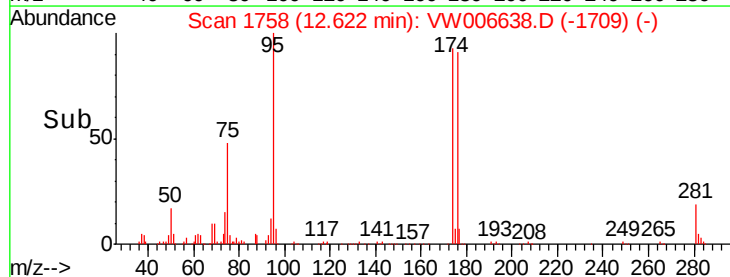
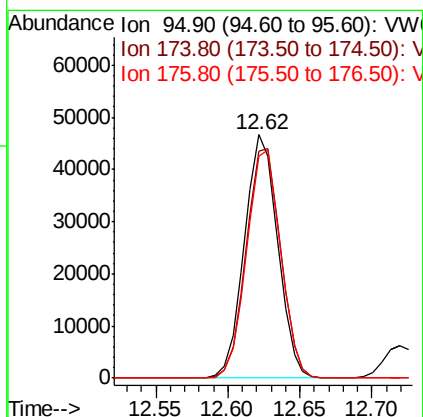
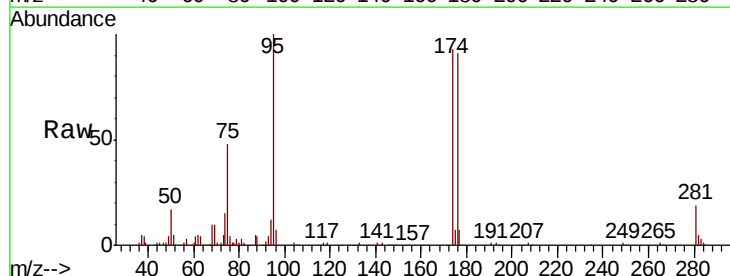
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

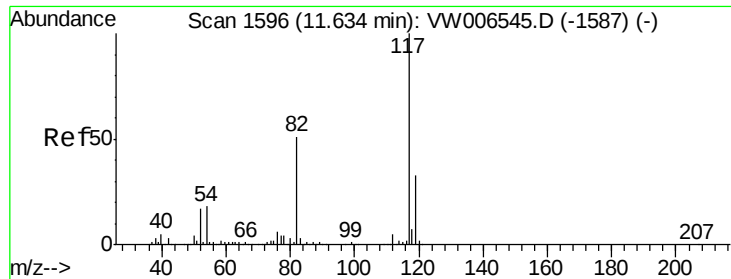
Tgt Ion: 107 Resp: 56452
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 34.964 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 95 Resp: 74630
 Ion Ratio Lower Upper
 95 100
 174 97.4 0.0 192.4
 176 95.3 0.0 187.4

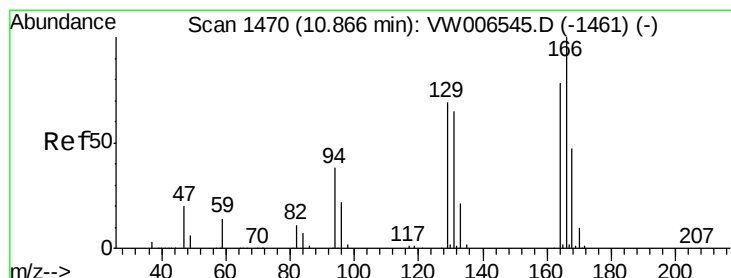
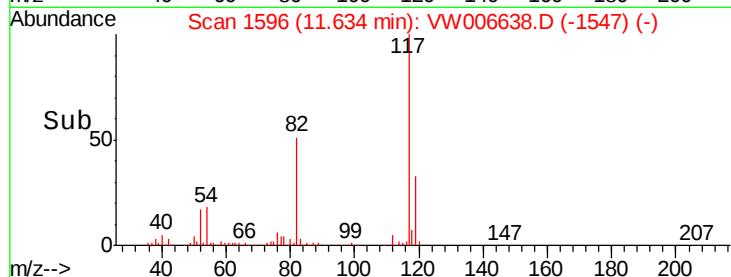
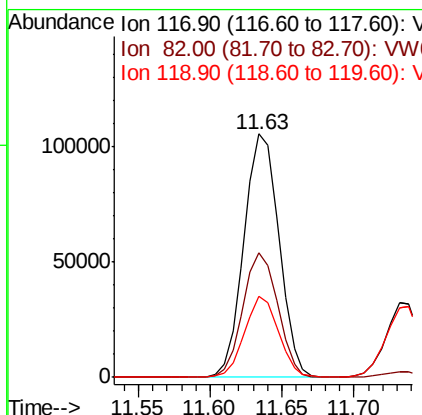
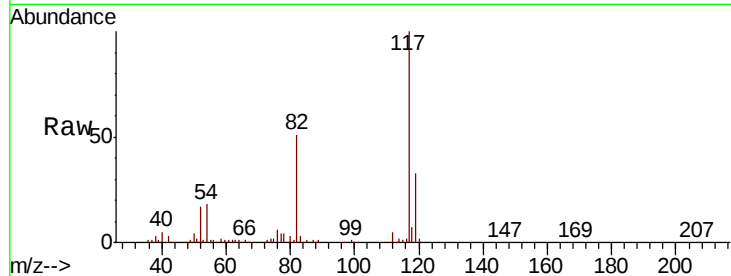




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

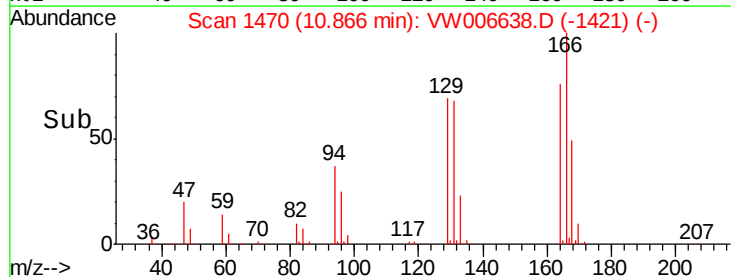
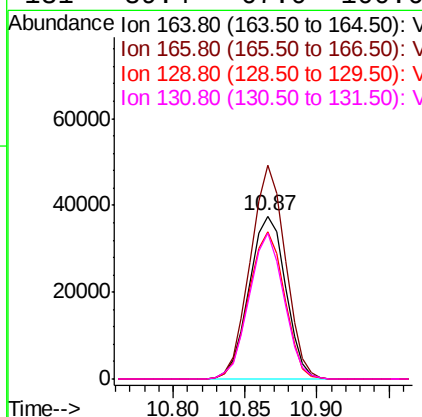
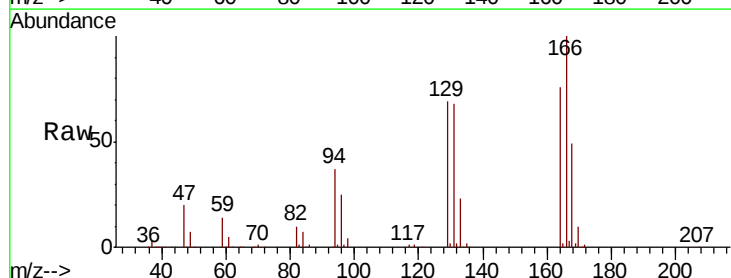
Instrument :
MSVOA_W
ClientSampled :
DL-SED-01MS

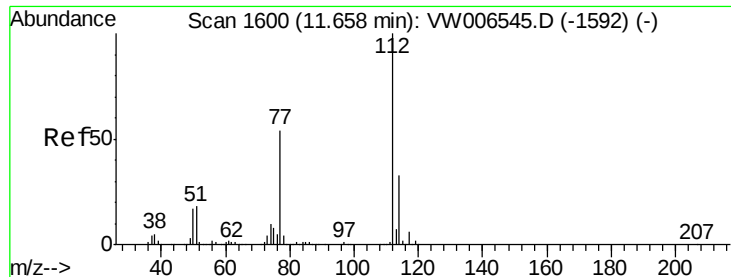
Tgt Ion:117 Resp: 178213
Ion Ratio Lower Upper
117 100
82 51.0 40.8 61.2
119 33.2 26.1 39.1



#64
Tetrachloroethene
Concen: 46.274 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion:164 Resp: 65737
Ion Ratio Lower Upper
164 100
166 131.1 102.8 154.2
129 90.7 70.9 106.3
131 89.4 67.0 100.6

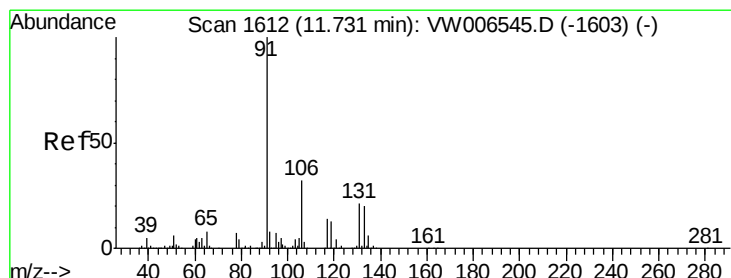
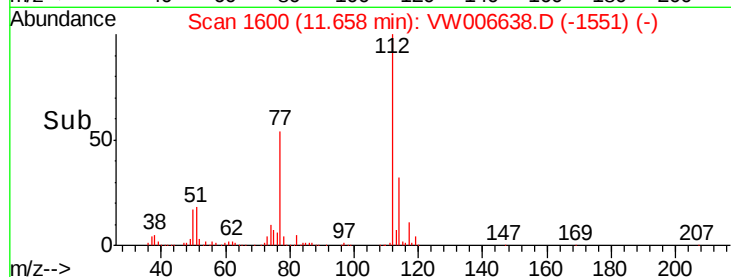
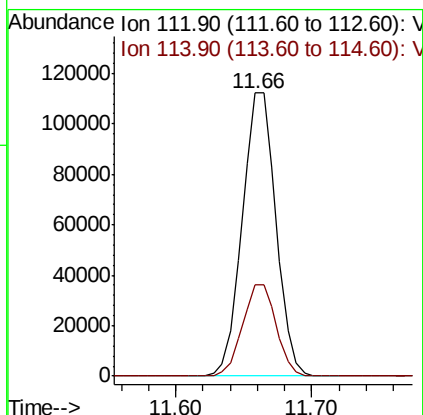
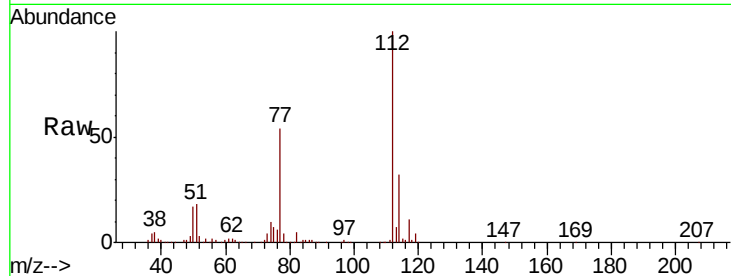




#65
Chlorobenzene
Concen: 51.950 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

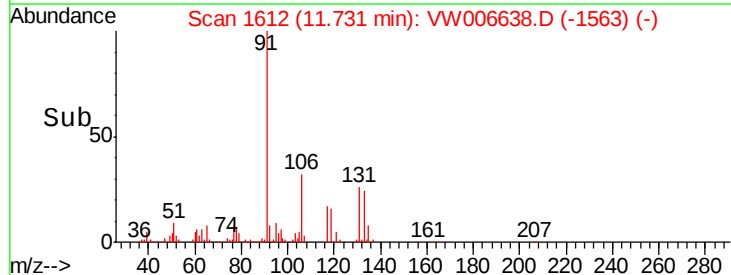
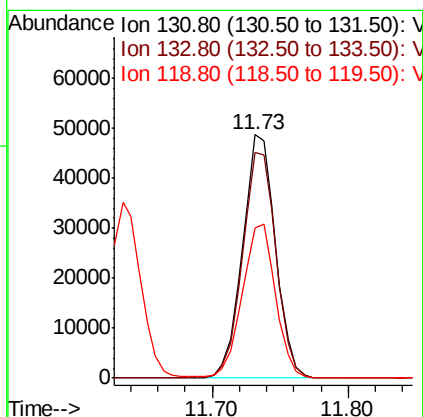
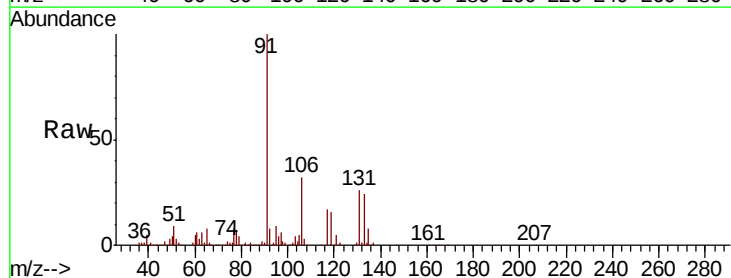
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

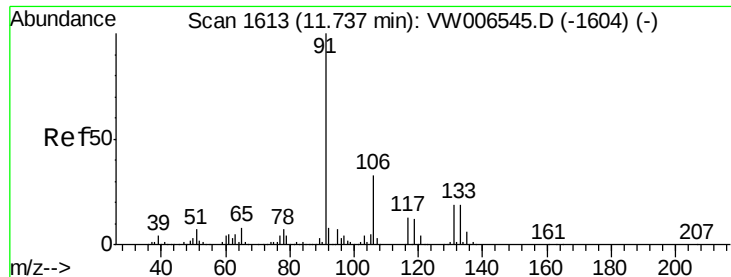
Tgt Ion:112 Resp: 194819
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 62.472 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion:131 Resp: 82345
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 63.7 31.9 95.5

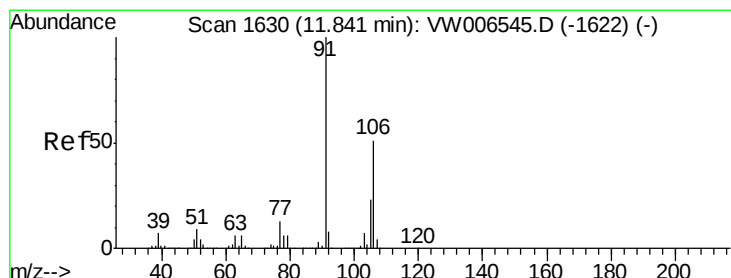
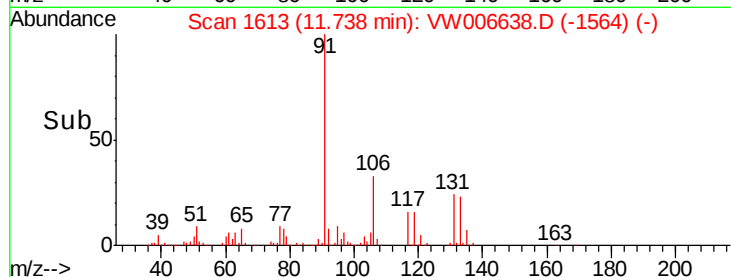
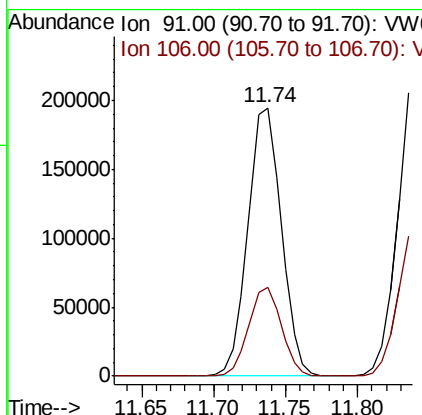
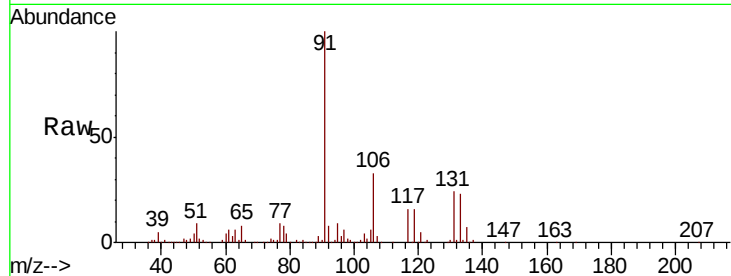




#67
Ethyl Benzene
Concen: 49.881 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

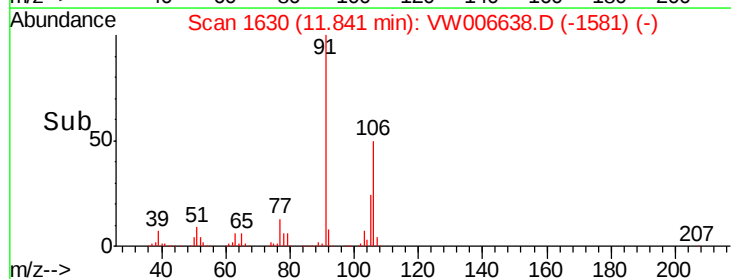
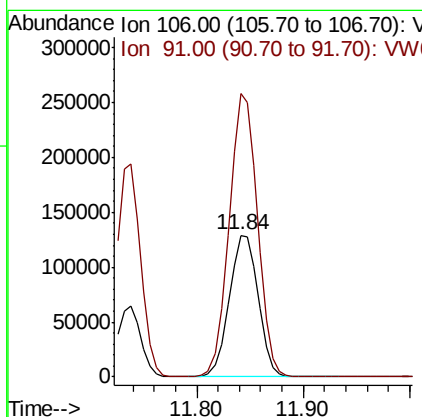
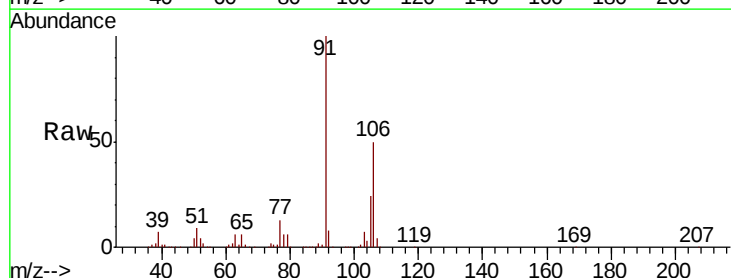
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

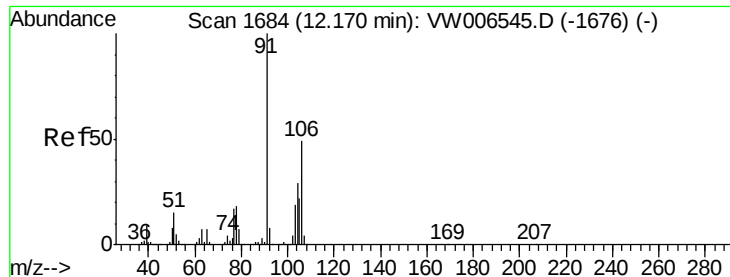
Tgt Ion: 91 Resp: 312664
Ion Ratio Lower Upper
91 100
106 33.0 26.3 39.5



#68
m/p-Xylenes
Concen: 98.017 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion: 106 Resp: 245463
Ion Ratio Lower Upper
106 100
91 195.8 156.7 235.1

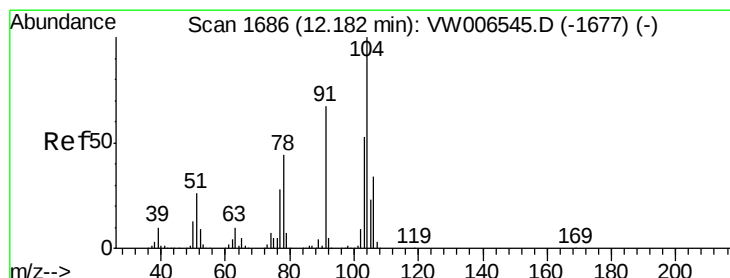
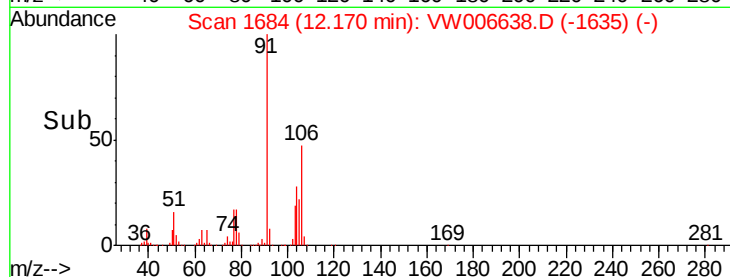
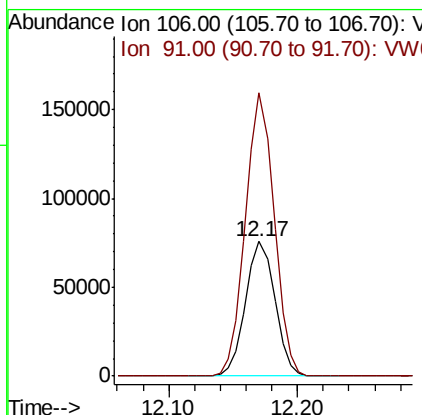
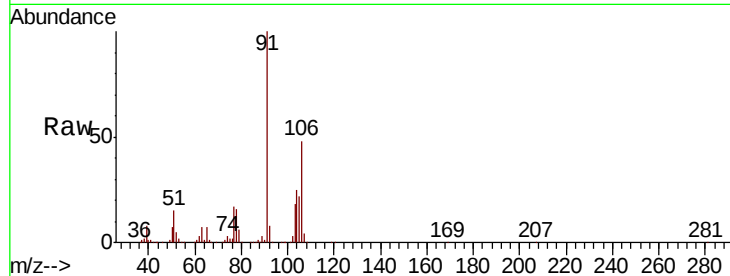




#69
o-Xylene
Concen: 50.137 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

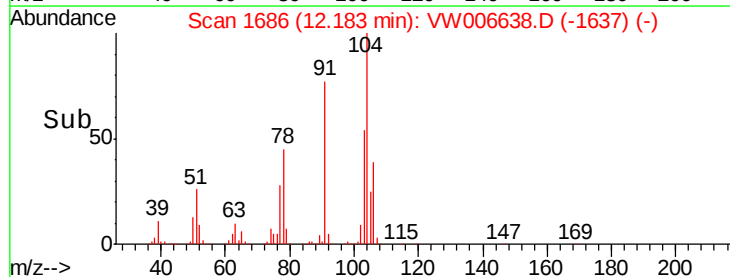
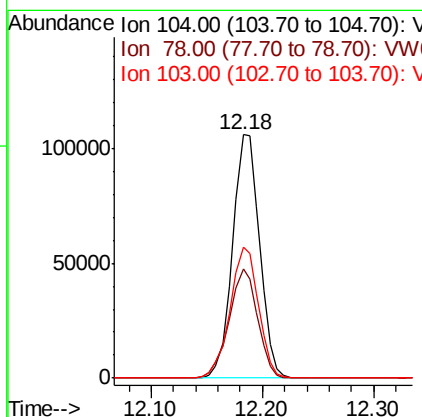
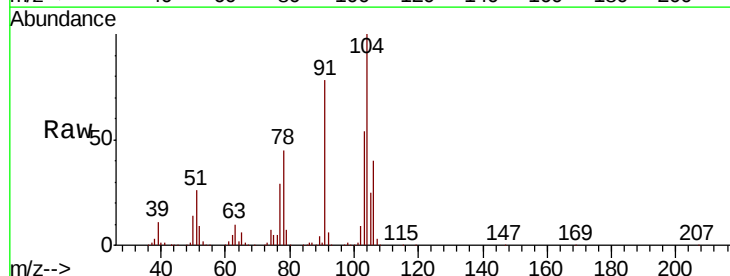
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

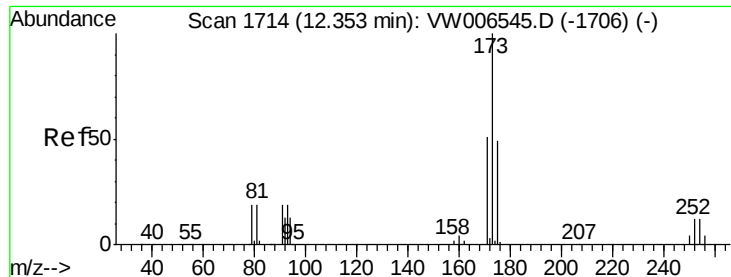
Tgt Ion:106 Resp: 119532
Ion Ratio Lower Upper
106 100
91 206.5 102.8 308.4



#70
Styrene
Concen: 45.693 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion:104 Resp: 177608
Ion Ratio Lower Upper
104 100
78 47.6 37.2 55.8
103 56.6 44.2 66.2





#71

Bromoform

Concen: 58.521 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

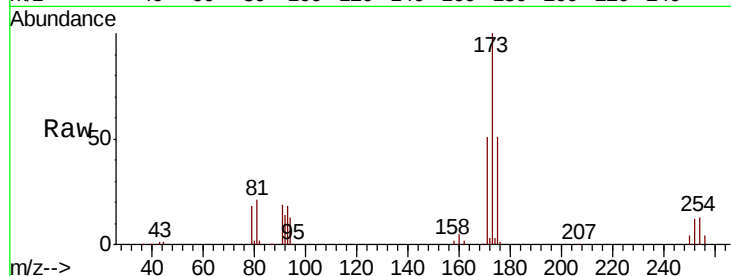
Tgt Ion:173 Resp: 40889

Ion Ratio Lower Upper

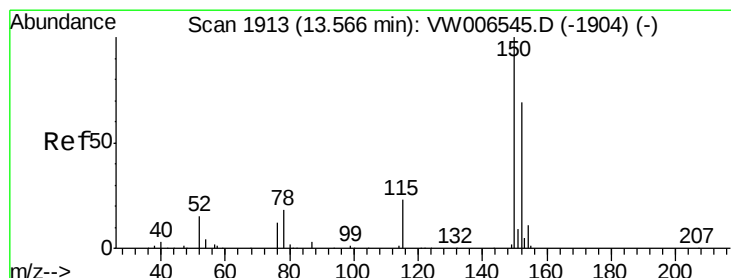
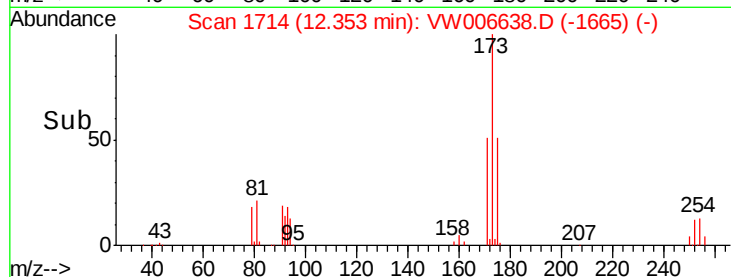
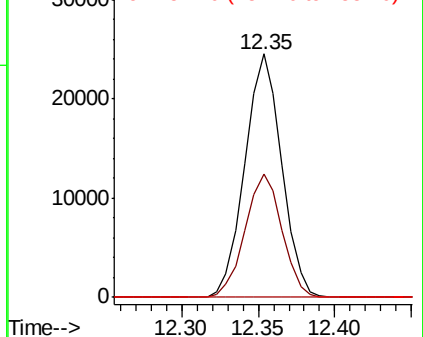
173 100

175 50.9 24.1 72.4

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

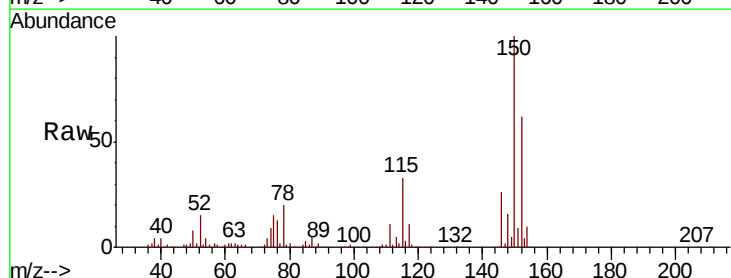
Tgt Ion:152 Resp: 62718

Ion Ratio Lower Upper

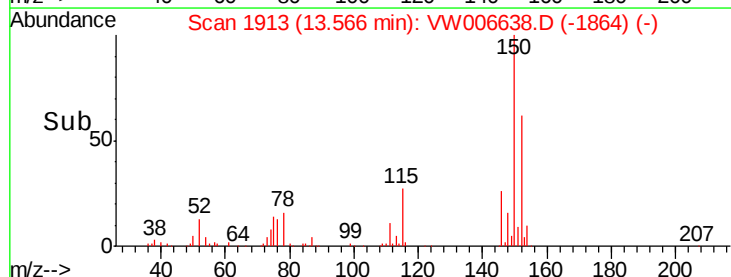
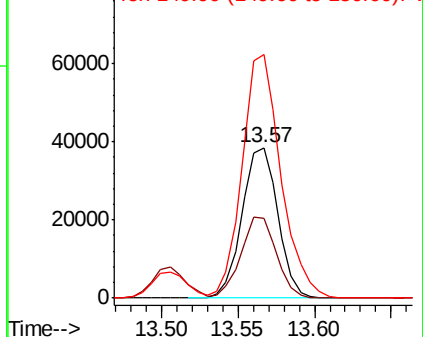
152 100

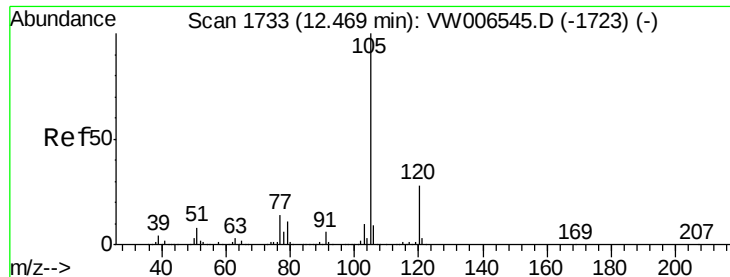
115 53.1 26.6 79.8

150 174.6 0.0 344.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 63.573 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

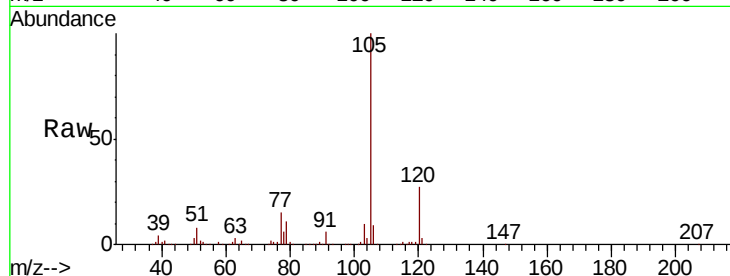
DL-SED-01MS

Tgt Ion: 105 Resp: 262654

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

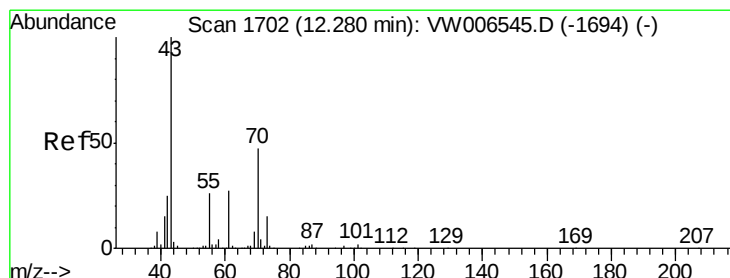
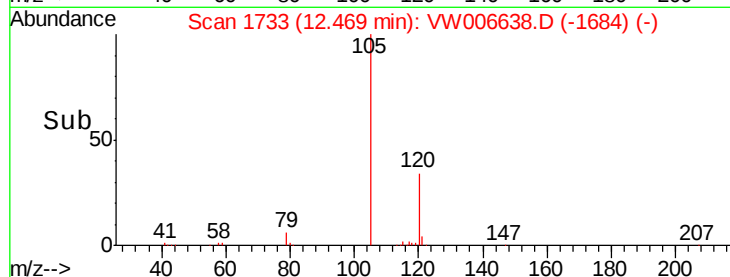
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 28.309 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Tgt Ion: 43 Resp: 20211

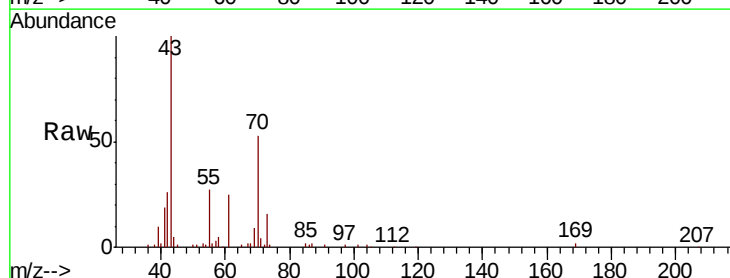
Ion Ratio Lower Upper

43 100

70 46.5 36.9 55.3

55 28.9 20.7 31.1

61 25.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

20000

15000

10000

5000

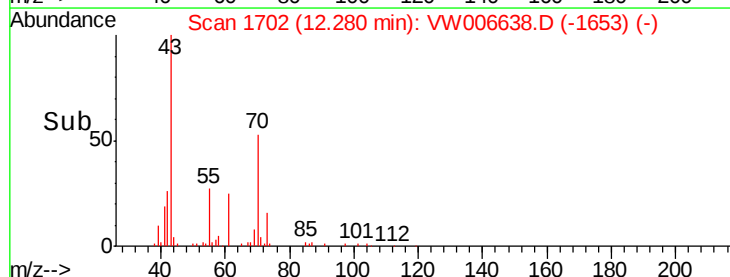
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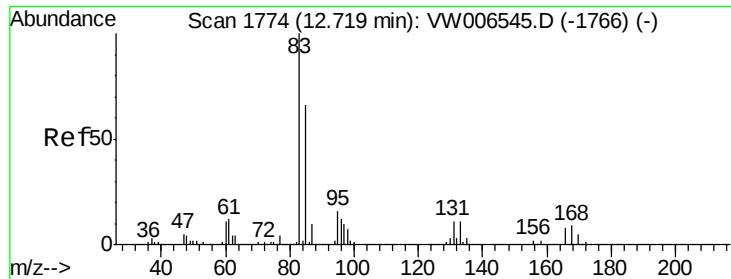
12.28

12.20

12.30

Time-->

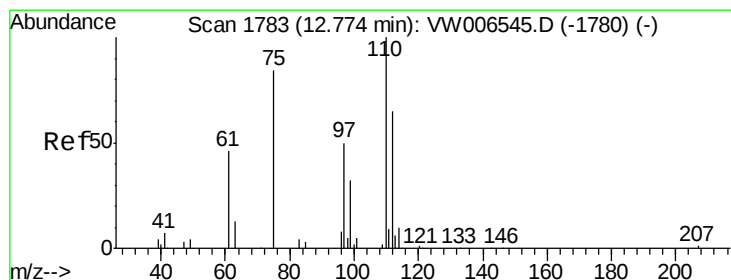
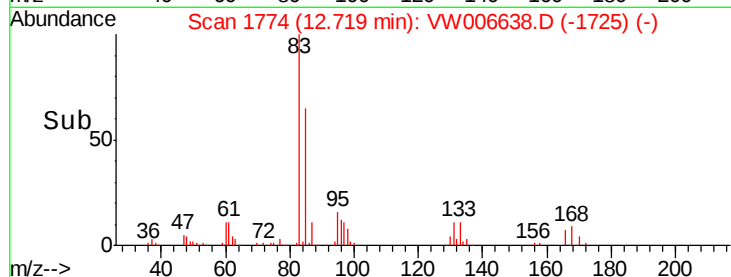
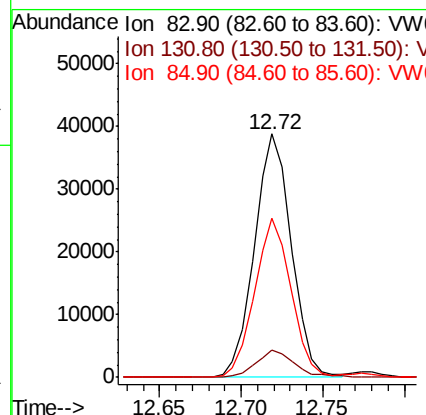
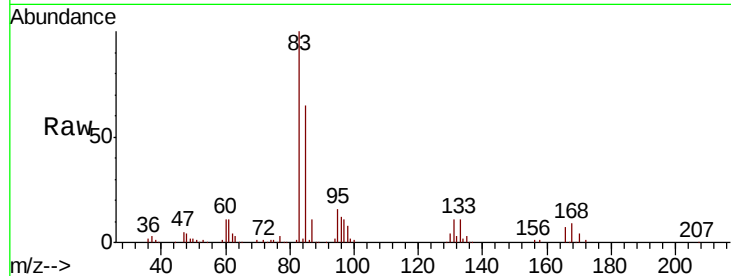




#75
 1,1,2,2-Tetrachloroethane
 Concen: 93.845 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

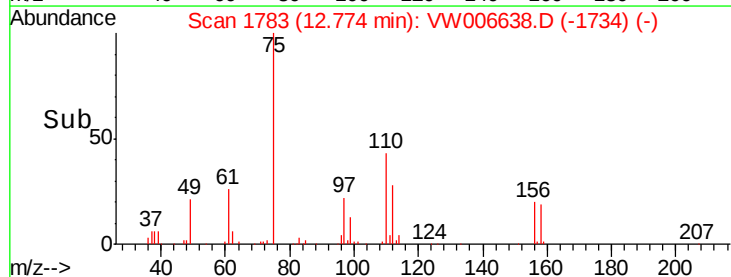
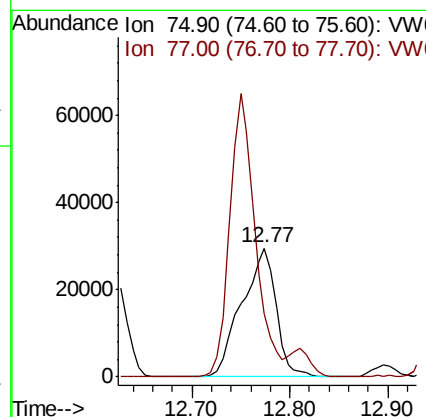
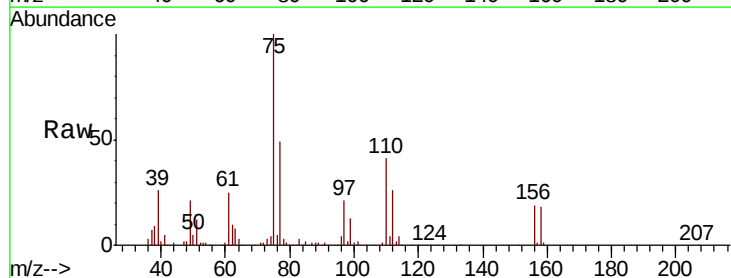
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

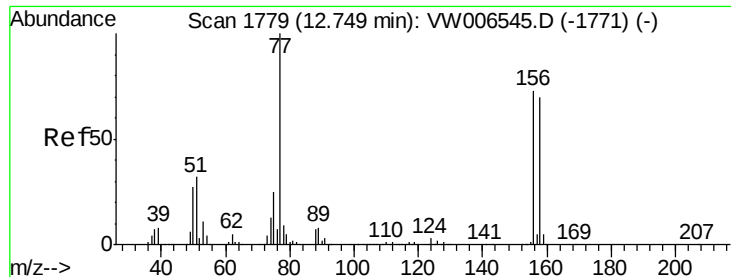
Tgt Ion: 83 Resp: 61238
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.9 17.7
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 147.226 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 75 Resp: 72044
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 70.372 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006638.D

Acq: 05 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MS

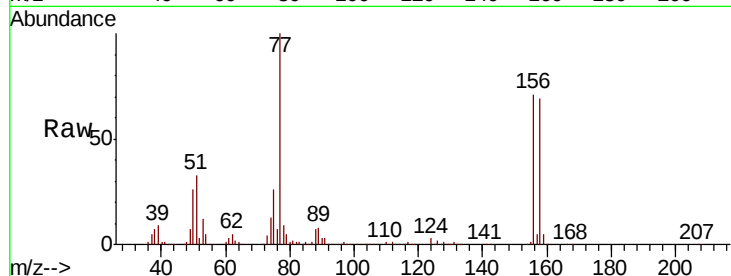
Tgt Ion:156 Resp: 75278

Ion Ratio Lower Upper

156 100

77 156.6 75.9 227.8

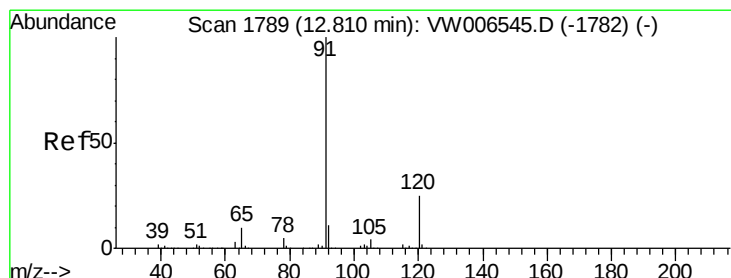
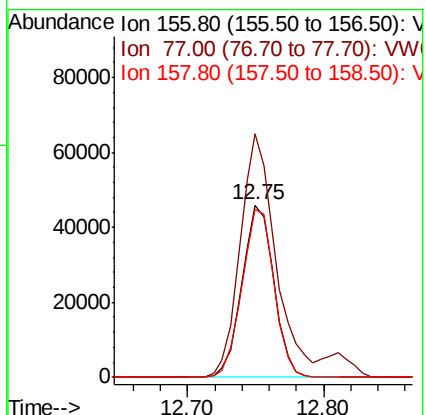
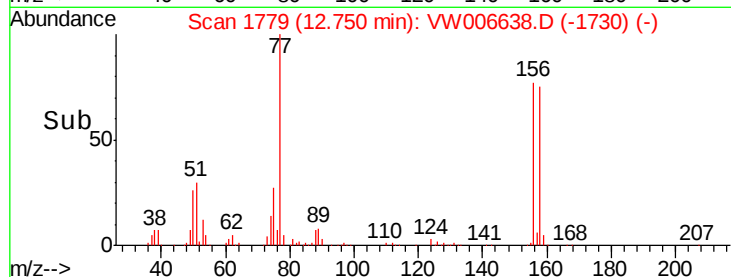
158 98.4 48.6 145.9



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: 54.496 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006638.D

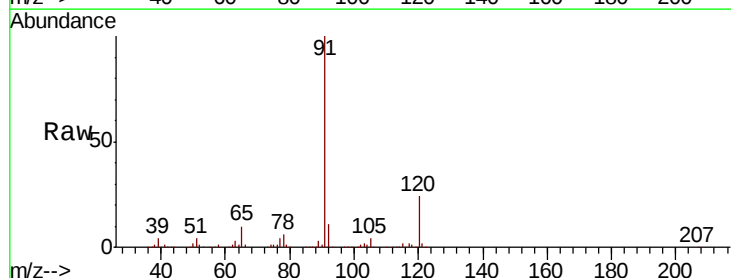
Acq: 05 Nov 2018 16:06

Tgt Ion: 91 Resp: 258974

Ion Ratio Lower Upper

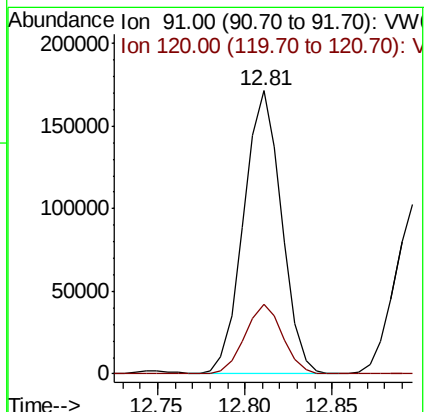
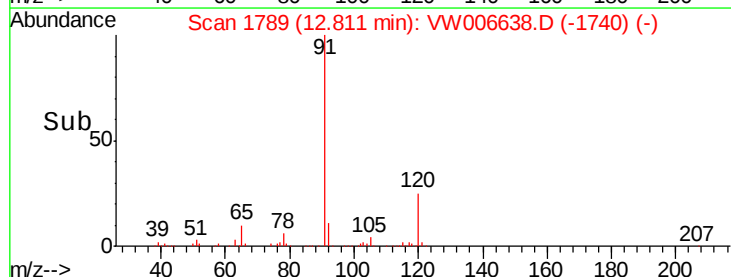
91 100

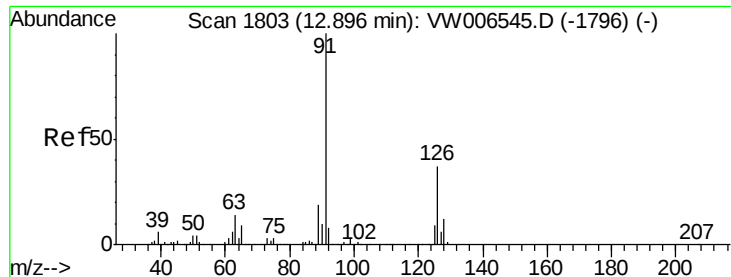
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

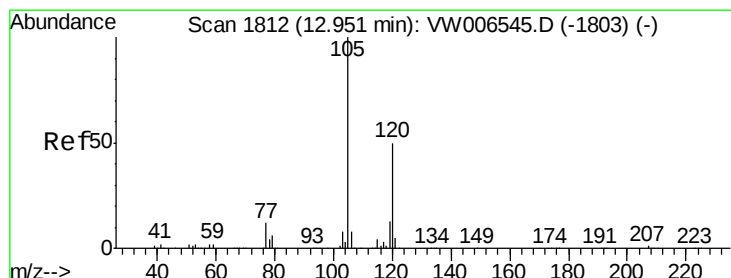
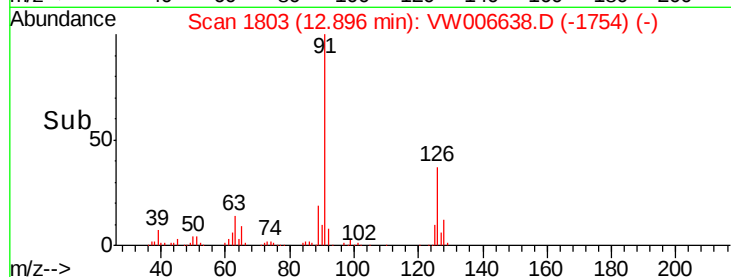
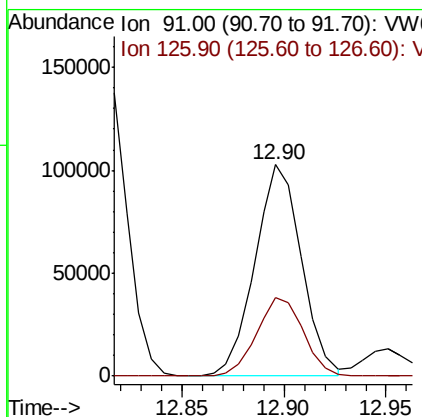
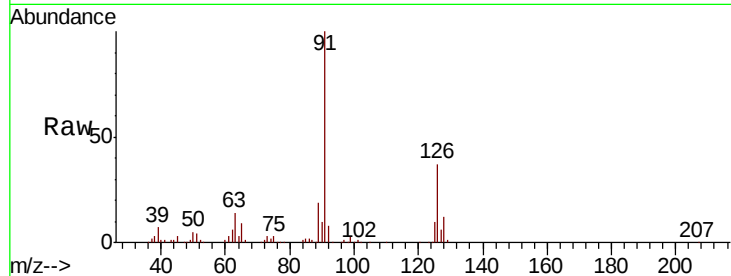




#79
 2-Chlorotoluene
 Concen: 59.739 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

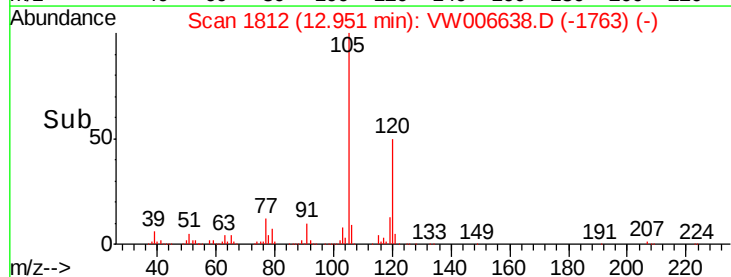
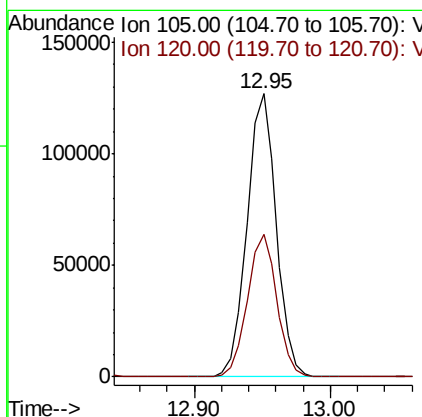
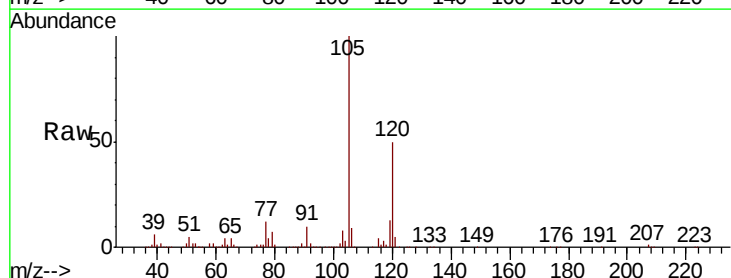
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

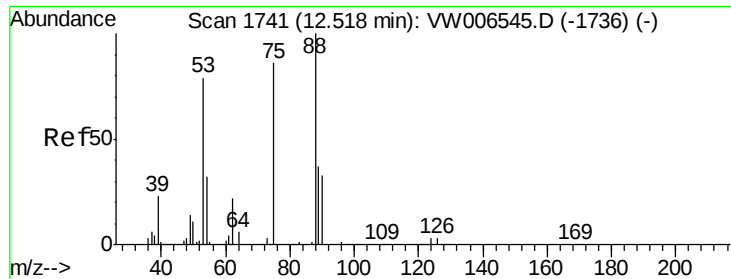
Tgt Ion: 91 Resp: 162927
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 54.978 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 105 Resp: 190830
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.3

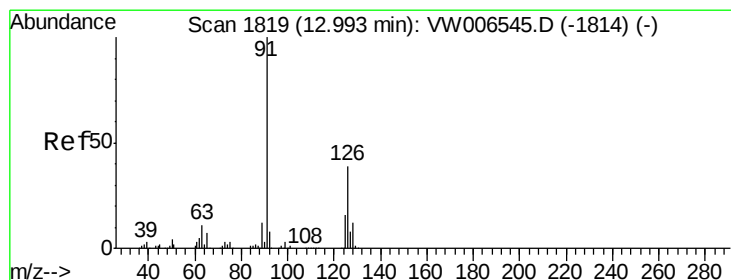
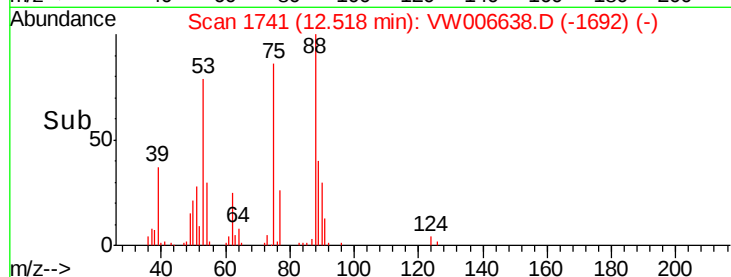
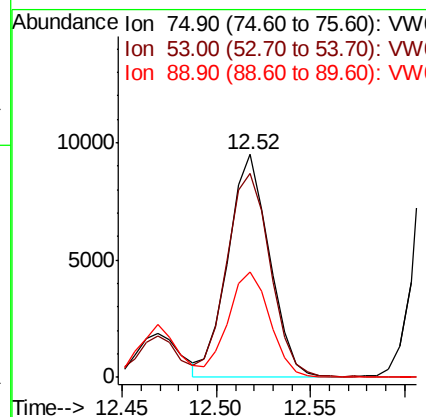
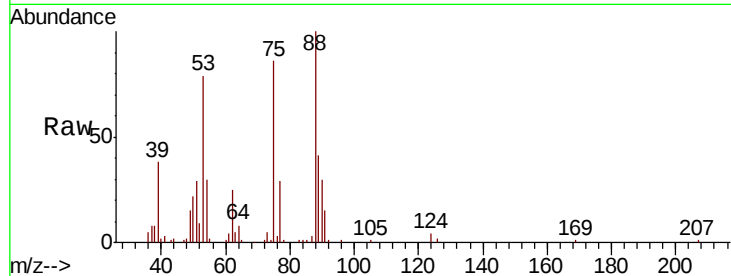




#81
trans-1,4-Dichloro-2-butene
Concen: 75.425 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

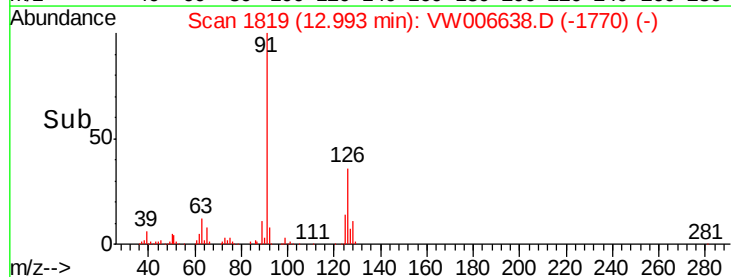
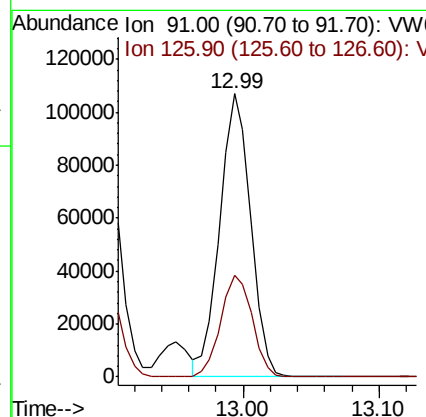
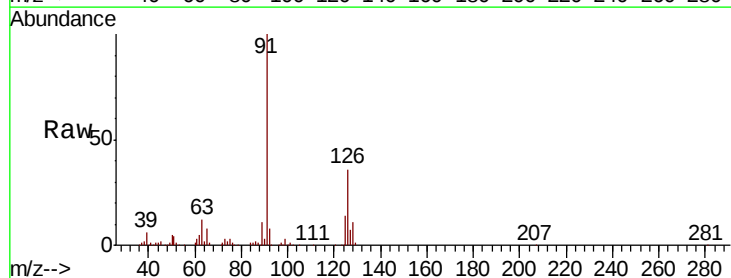
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

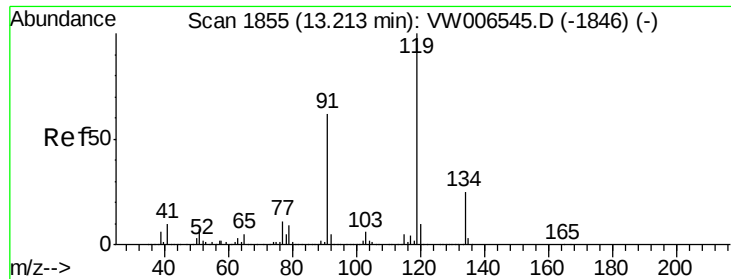
Tgt Ion: 75 Resp: 14522
Ion Ratio Lower Upper
75 100
53 96.8 77.2 115.8
89 47.0 38.6 58.0



#82
4-Chlorotoluene
Concen: 58.298 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion: 91 Resp: 168211
Ion Ratio Lower Upper
91 100
126 36.7 18.5 55.5

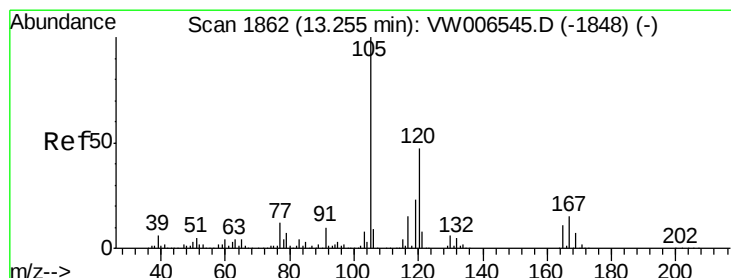
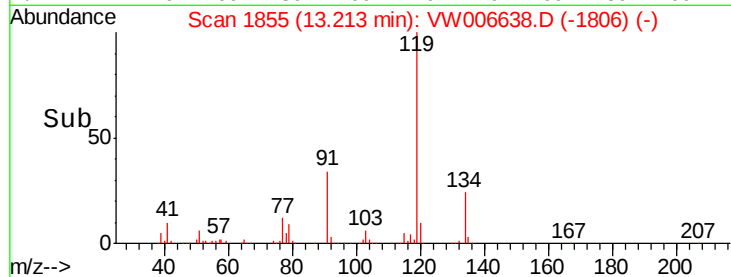
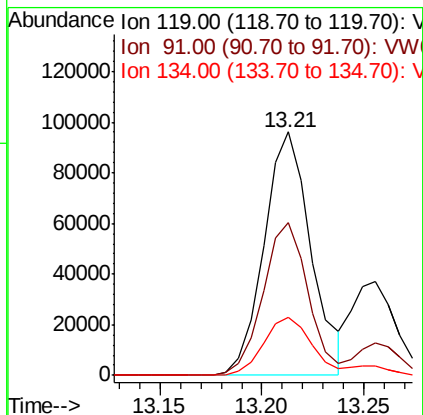
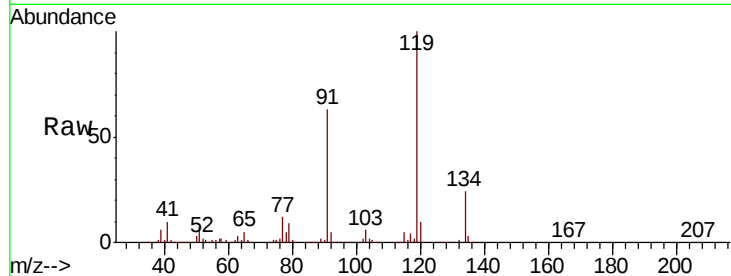




#83
tert-Butylbenzene
Concen: 49.877 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

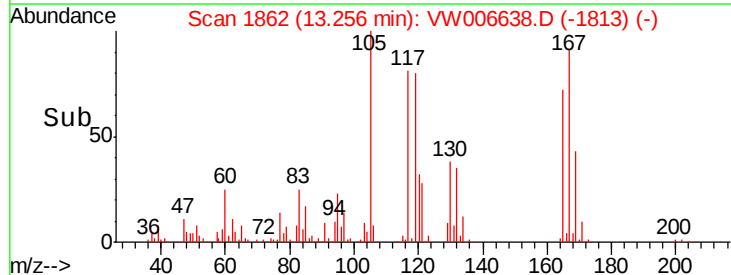
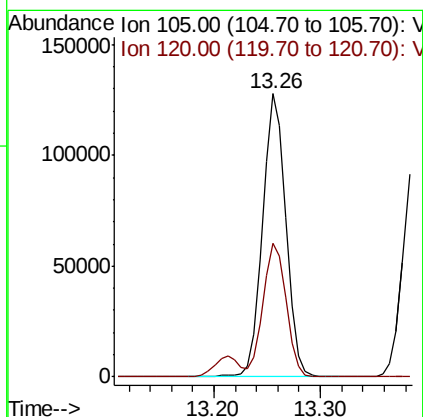
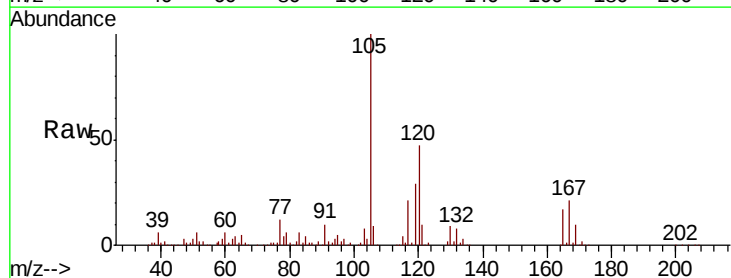
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

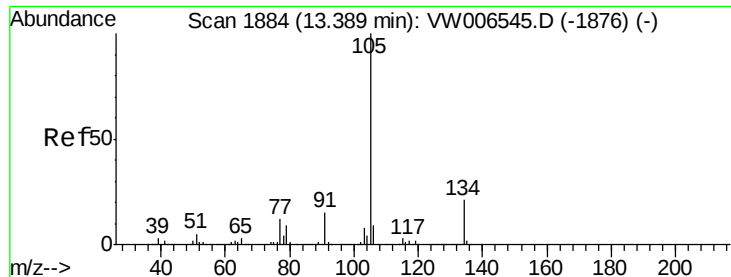
Tgt Ion:119 Resp: 154386
Ion Ratio Lower Upper
119 100
91 60.1 30.4 91.3
134 24.9 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 55.146 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion:105 Resp: 196335
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6

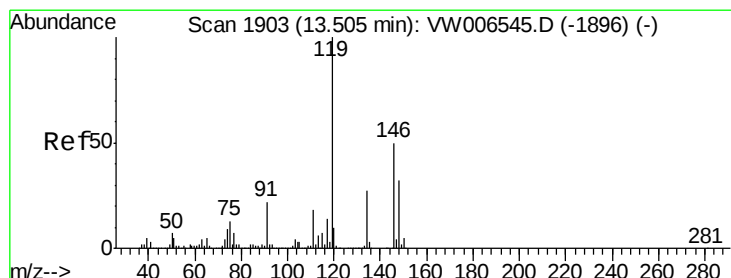
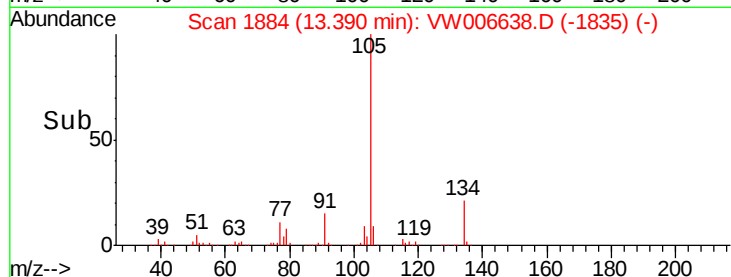
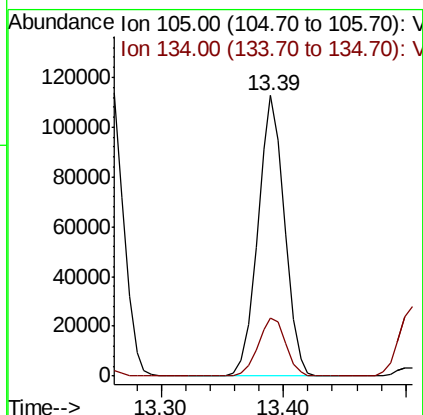
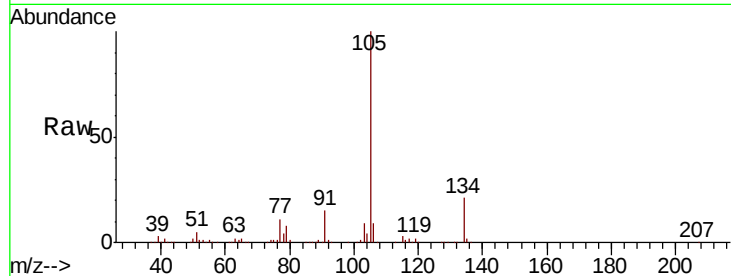




#85
 sec-Butylbenzene
 Concen: 39.401 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

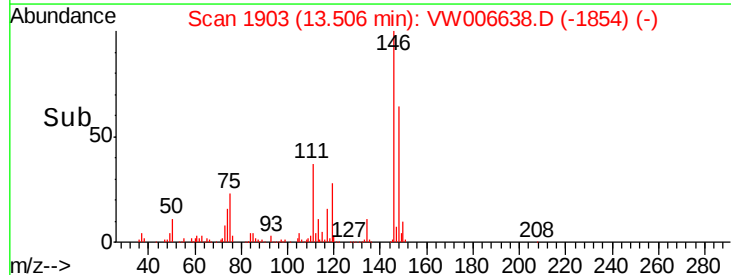
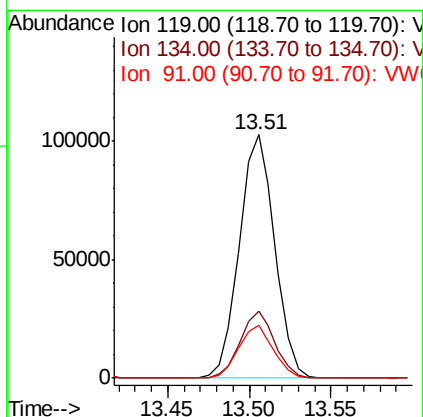
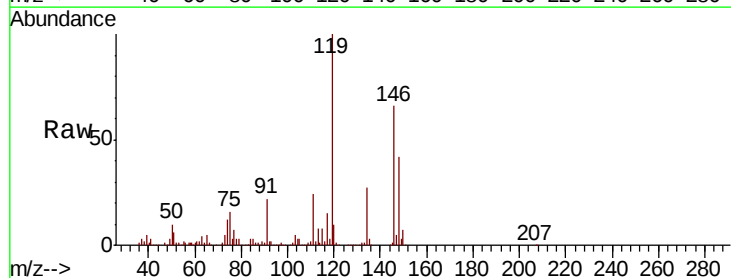
Instrument :
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 ClientSampleId :
 DL-SED-01MS

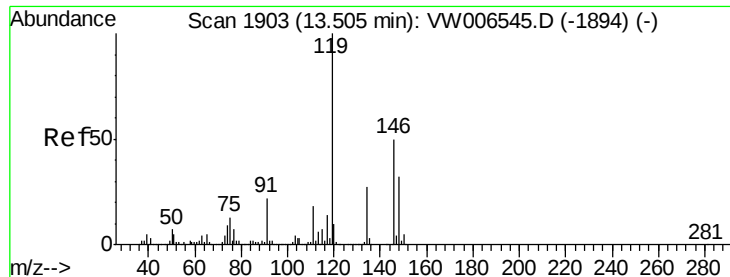
Tgt Ion:105 Resp: 170813
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 39.151 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion:119 Resp: 154441
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 21.6 10.9 32.6

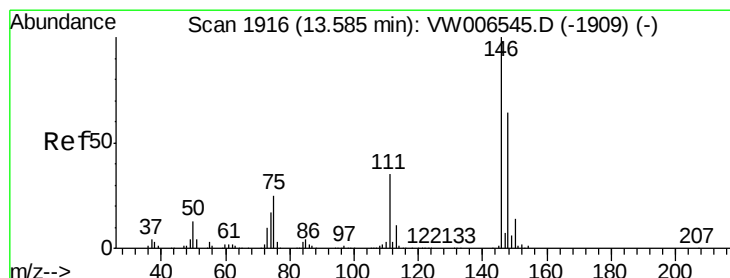
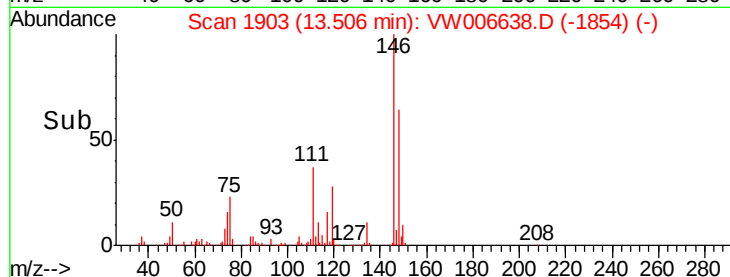
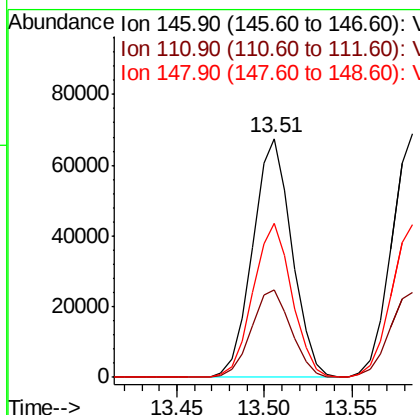
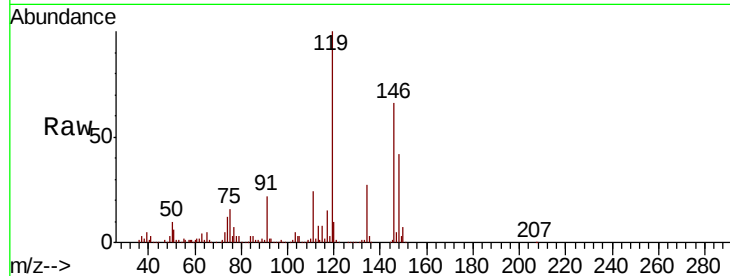




#87
 1,3-Dichlorobenzene
 Concen: 50.232 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

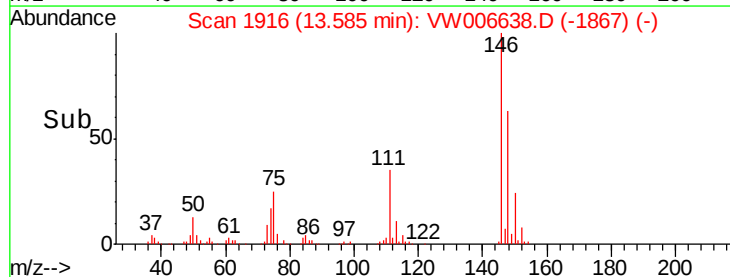
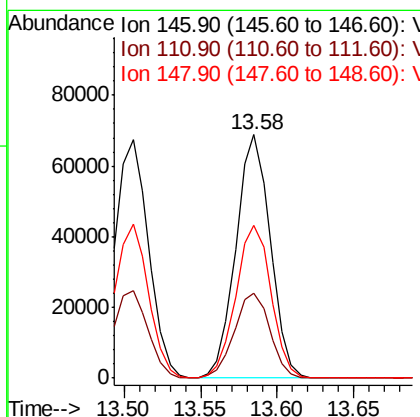
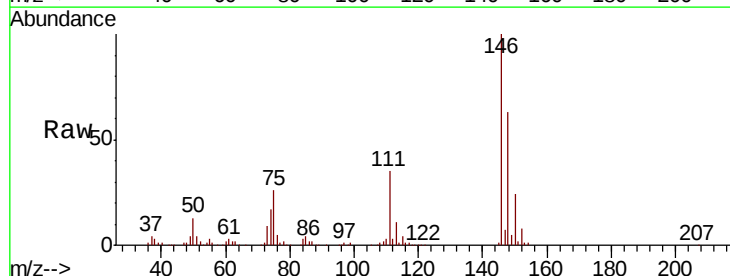
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

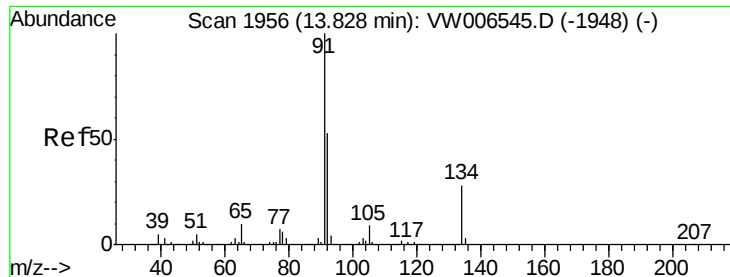
Tgt Ion:146 Resp: 105822
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.6
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 51.541 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion:146 Resp: 107629
 Ion Ratio Lower Upper
 146 100
 111 36.0 17.9 53.7
 148 64.0 32.1 96.5

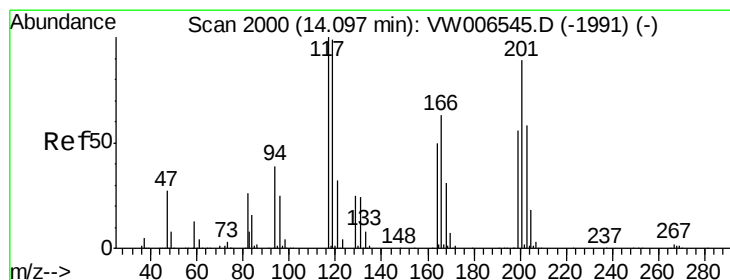
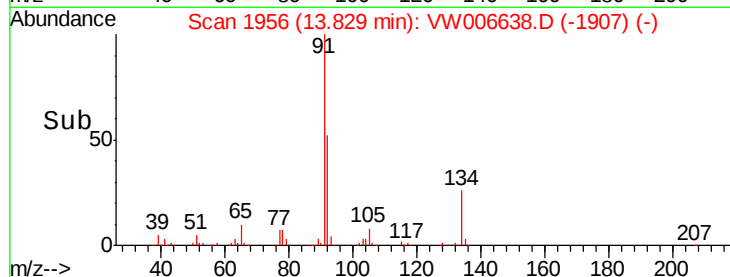
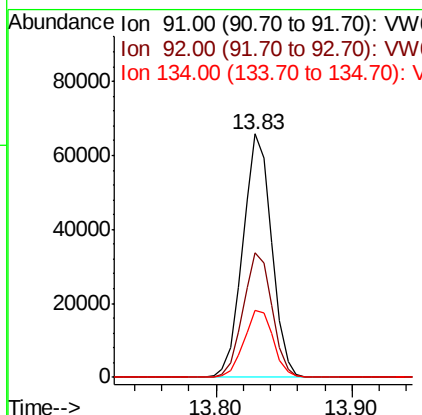
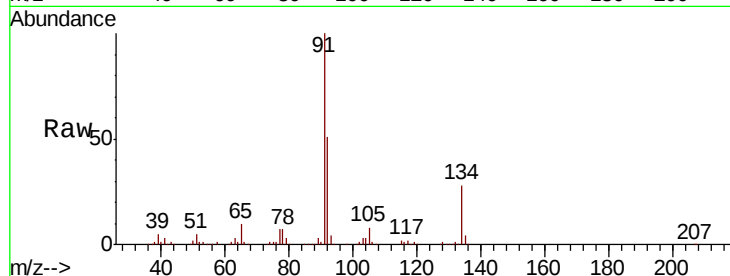




#89
n-Butylbenzene
Concen: 27.751 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

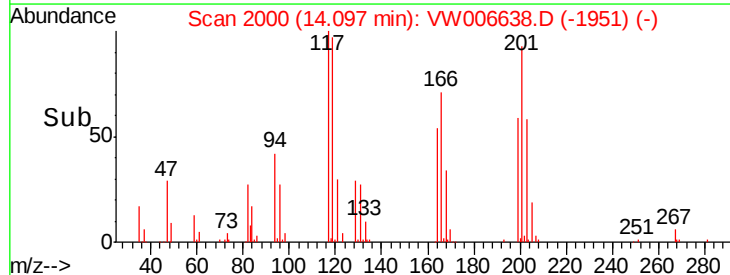
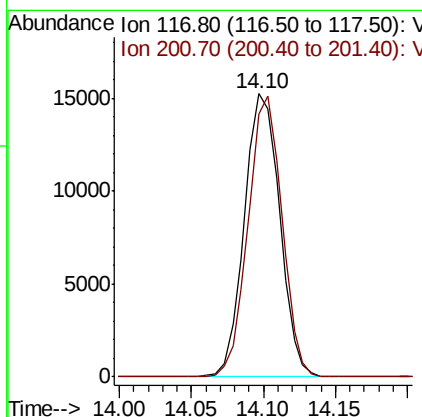
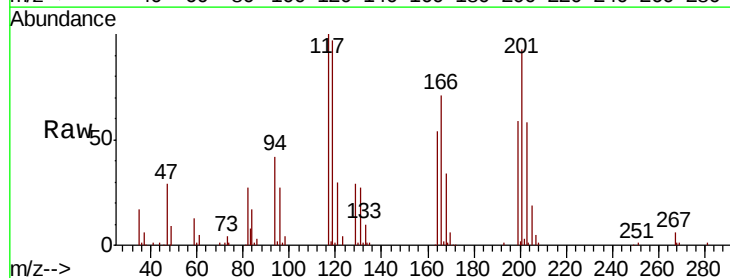
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

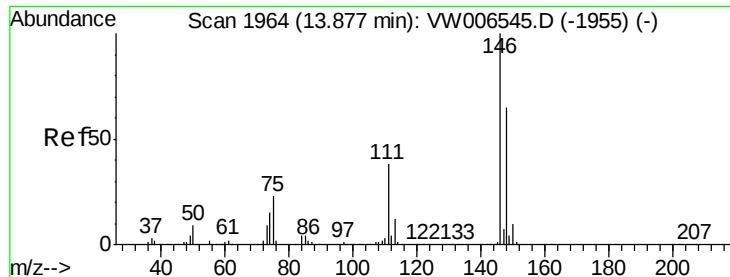
Tgt Ion: 91 Resp: 97175
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 28.3 14.3 42.9



#90
Hexachloroethane
Concen: 40.038 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion: 117 Resp: 25958
Ion Ratio Lower Upper
117 100
201 94.5 46.8 140.3

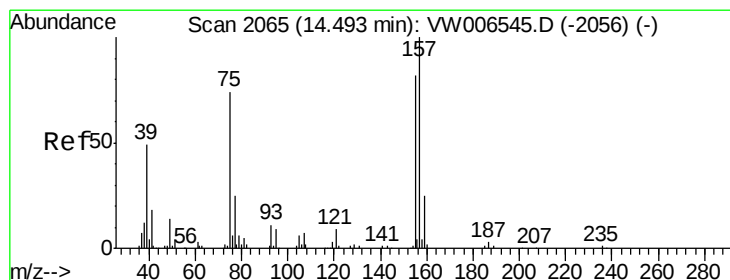
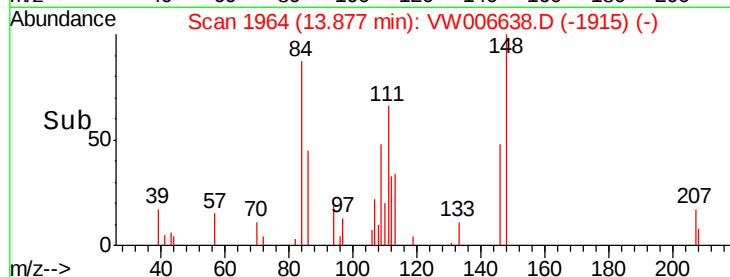
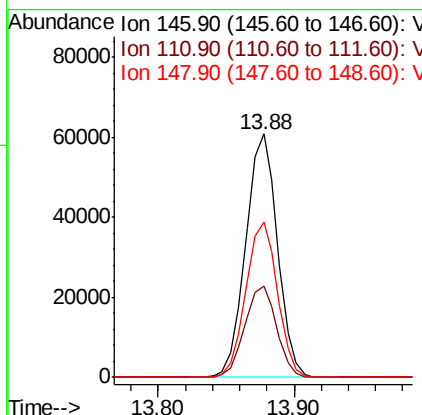
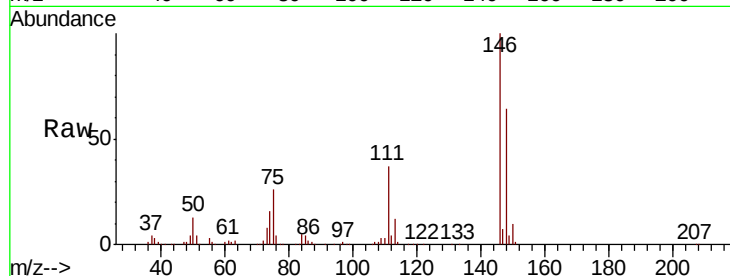




#91
 1,2-Dichlorobenzene
 Concen: 52.380 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

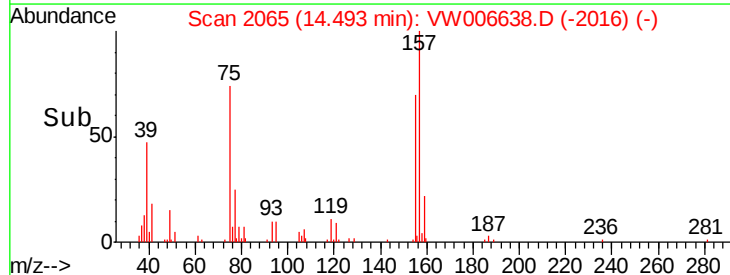
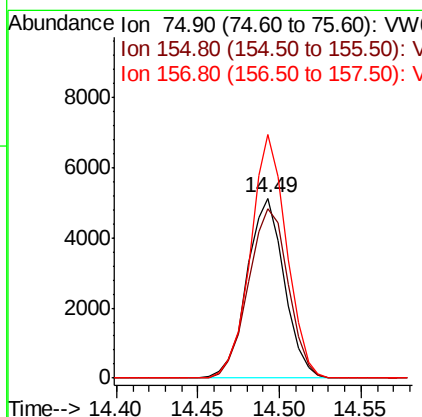
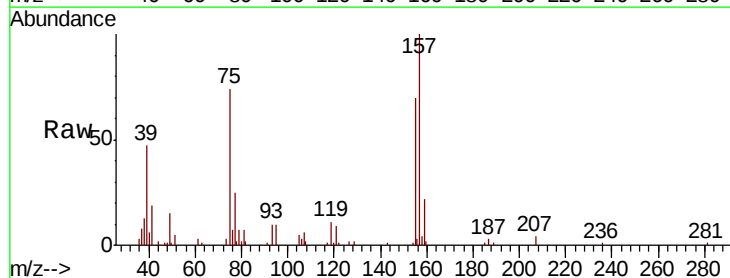
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

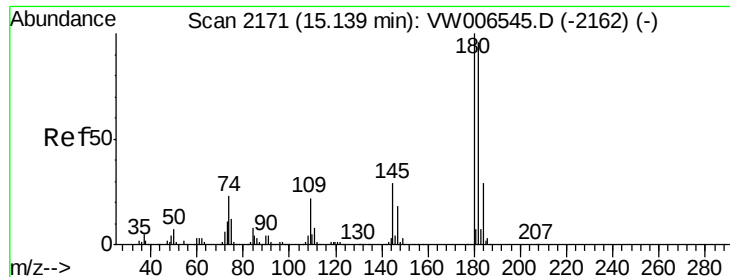
Tgt Ion: 146 Resp: 99258
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.5
 148 63.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 77.047 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion: 75 Resp: 8158
 Ion Ratio Lower Upper
 75 100
 155 100.4 50.6 151.8
 157 130.9 65.0 195.0

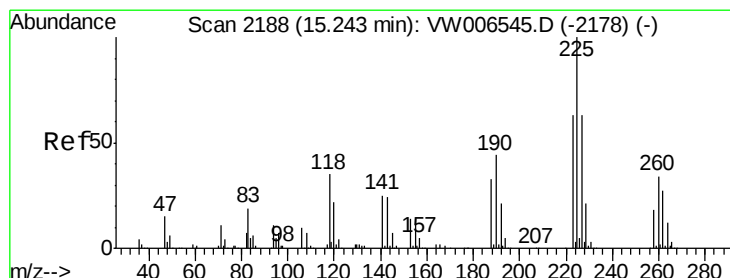
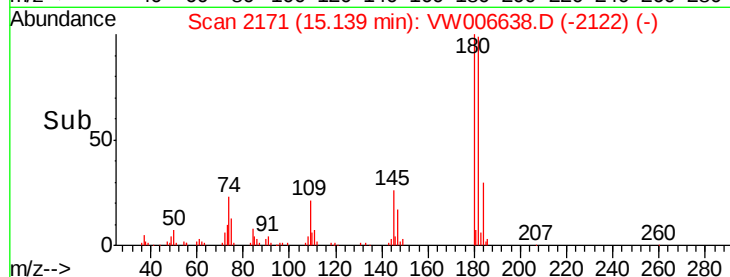
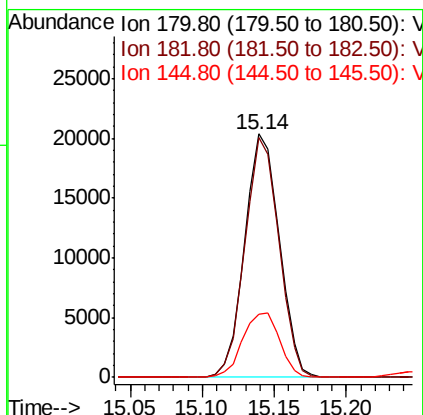
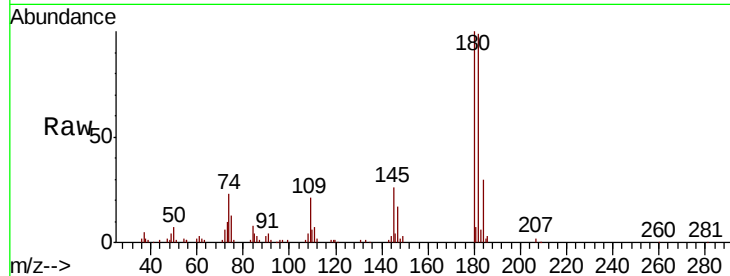




#93
 1,2,4-Trichlorobenzene
 Concen: 24.029 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

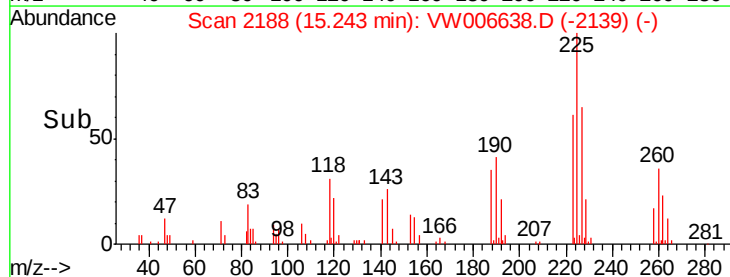
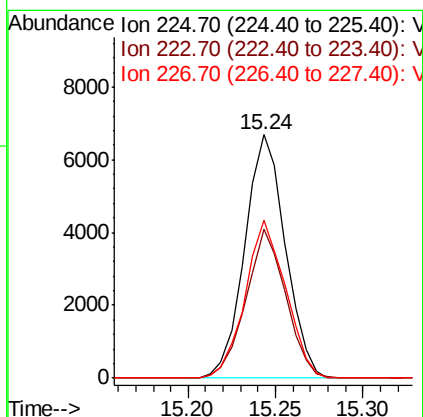
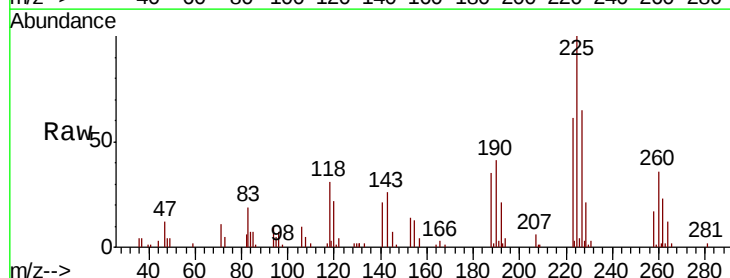
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

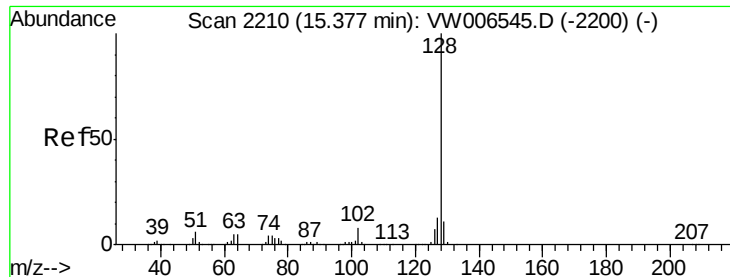
Tgt Ion:180 Resp: 33858
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.5 142.6
 145 28.2 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 12.266 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006638.D
 Acq: 05 Nov 2018 16:06

Tgt Ion:225 Resp: 10772
 Ion Ratio Lower Upper
 225 100
 223 60.0 31.4 94.2
 227 64.7 32.2 96.6

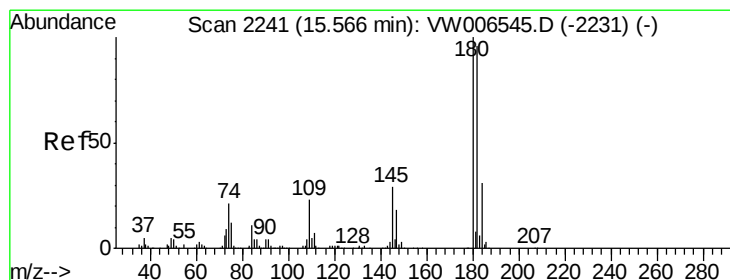
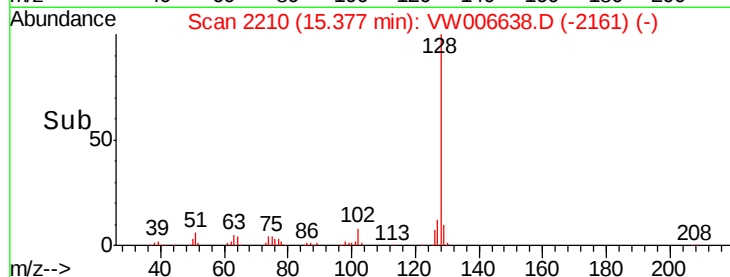
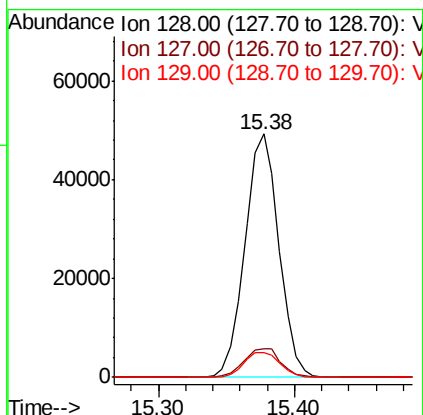
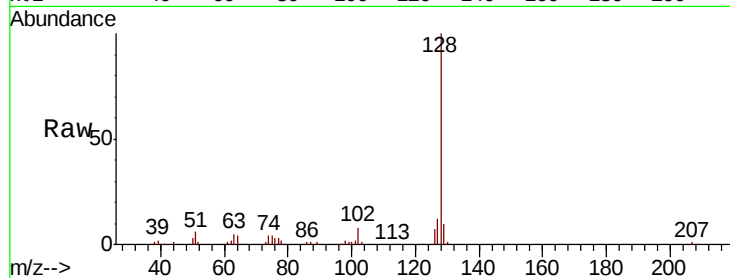




#95
Naphthalene
Concen: 37.973 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MS

Tgt Ion:128 Resp: 85995
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.856 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006638.D
Acq: 05 Nov 2018 16:06

Tgt Ion:180 Resp: 28305
Ion Ratio Lower Upper
180 100
182 97.7 48.2 144.6
145 30.0 14.9 44.5

