

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

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:15:23 AM

Quant Time: Nov 06 02:37:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	59993m	66.841	ug/l	
3) Chloromethane	2.21	50	67931	61.170	ug/l	99
4) Vinyl Chloride	2.37	62	99363	64.079	ug/l	97
5) Bromomethane	2.79	94	64276	49.393	ug/l	99
6) Chloroethane	2.93	64	71361	65.865	ug/l	97
7) Trichlorofluoromethane	3.26	101	86714	63.327	ug/l	93
8) Diethyl Ether	3.68	74	48855	65.269	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78581	53.742	ug/l	100
10) Methyl Iodide	4.27	142	102371	38.613	ug/l	100
11) Tert butyl alcohol	5.23	59	26509	330.585	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	83134	58.866	ug/l	96
13) Acrolein	3.90	56	112	1.111	ug/l #	51
14) Allyl chloride	4.67	41	71763	38.929	ug/l	98
15) Acrylonitrile	5.37	53	61108	227.686	ug/l	99
16) Acetone	4.14	43	55369	230.431	ug/l	97
17) Carbon Disulfide	4.38	76	153031	38.078	ug/l	99
18) Methyl Acetate	4.68	43	90987	131.685	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	151959	72.287	ug/l	99
20) Methylene Chloride	4.91	84	99673	65.909	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	85417	53.451	ug/l	97
22) Diisopropyl ether	6.31	45	250470	65.173	ug/l	98
23) Vinyl Acetate	6.32	43	136210	63.912	ug/l #	70
24) 1,1-Dichloroethane	6.21	63	163718	62.856	ug/l	99
25) 2-Butanone	7.18	43	75751	220.928	ug/l	98
26) 2,2-Dichloropropane	7.17	77	98919	63.046	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	99078	55.418	ug/l	100
28) Bromochloromethane	7.51	49	57608	55.700	ug/l	98
29) Tetrahydrofuran	7.54	42	74459	345.259	ug/l	99
30) Chloroform	7.68	83	172822	60.519	ug/l	98
31) Cyclohexane	7.96	56	88185	37.199	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	142929	59.149	ug/l	99
36) 1,1-Dichloropropene	8.09	75	107975	50.389	ug/l	100
37) Ethyl Acetate	7.26	43	5670	7.636	ug/l #	73
38) Carbon Tetrachloride	8.07	117	124421	55.568	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69306	25.487	ug/l	99
40) Benzene	8.33	78	352933	57.987	ug/l	98
41) Methacrylonitrile	7.49	41	19390	42.583	ug/l	95
42) 1,2-Dichloroethane	8.40	62	108554	62.191	ug/l	100
43) Isopropyl Acetate	8.43	43	18602	12.554	ug/l #	59
44) Trichloroethene	9.09	130	91397	48.663	ug/l	98
45) 1,2-Dichloropropane	9.37	63	85895	60.642	ug/l	99
46) Dibromomethane	9.46	93	48824	58.639	ug/l	99
47) Bromodichloromethane	9.65	83	112107	57.988	ug/l	98
48) Methyl methacrylate	9.44	41	40997	57.425	ug/l	98
49) 1,4-Dioxane	9.48	88	14975	1228.938	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	226057	297.041	ug/l	100
52) Toluene	10.39	92	196014	48.016	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	87866	47.224	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	98993	45.023	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	69525	58.851	ug/l	99
56) Ethyl methacrylate	10.65	69	13951	10.390	ug/l #	79
57) 1,3-Dichloropropane	10.93	76	108731	56.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	153091	234.543	ug/l	99
59) 2-Hexanone	10.98	43	106094	205.257	ug/l	99
60) Dibromochloromethane	11.13	129	75507	53.945	ug/l	99
61) 1,2-Dibromoethane	11.24	107	61515	52.435	ug/l	100
64) Tetrachloroethene	10.87	164	63743	47.225	ug/l	97
65) Chlorobenzene	11.66	112	189880	53.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81132	64.782	ug/l	99
67) Ethyl Benzene	11.74	91	297886	50.017	ug/l	99
68) m/p-Xylenes	11.85	106	231208	97.170	ug/l	100
69) o-Xylene	12.17	106	112580	49.699	ug/l	99
70) Styrene	12.19	104	163704	44.326	ug/l	98
71) Bromoform	12.35	173	44572	67.139	ug/l #	98
73) Isopropylbenzene	12.47	105	236364	65.096	ug/l	100
74) N-amyl acetate	12.27	43	1764	2.811	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	65873	114.863	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53026m	123.299	ug/l	
77) Bromobenzene	12.75	156	72217	76.817	ug/l	95
78) n-propylbenzene	12.81	91	230561	55.205	ug/l	99
79) 2-Chlorotoluene	12.90	91	147962	61.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	169864	55.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12667	74.879	ug/l	99
82) 4-Chlorotoluene	12.99	91	152501	60.139	ug/l	99
83) tert-Butylbenzene	13.21	119	134340	49.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	171702	54.875	ug/l	100
85) sec-Butylbenzene	13.39	105	149167	39.151	ug/l	99
86) p-Isopropyltoluene	13.51	119	128339	37.019	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	93973	50.756	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	95885	52.247	ug/l	99
89) n-Butylbenzene	13.83	91	81840	26.593	ug/l	99
90) Hexachloroethane	14.10	117	22002	38.615	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	88171	52.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9061	97.372	ug/l	100

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QLast Update : Thu Nov 01 03:48:08 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26992	21.797	ug/l	98
94) Hexachlorobutadiene	15.25	225	10382	13.452	ug/l	98
95) Naphthalene	15.38	128	55436	27.853	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	23610	21.693	ug/l	99

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

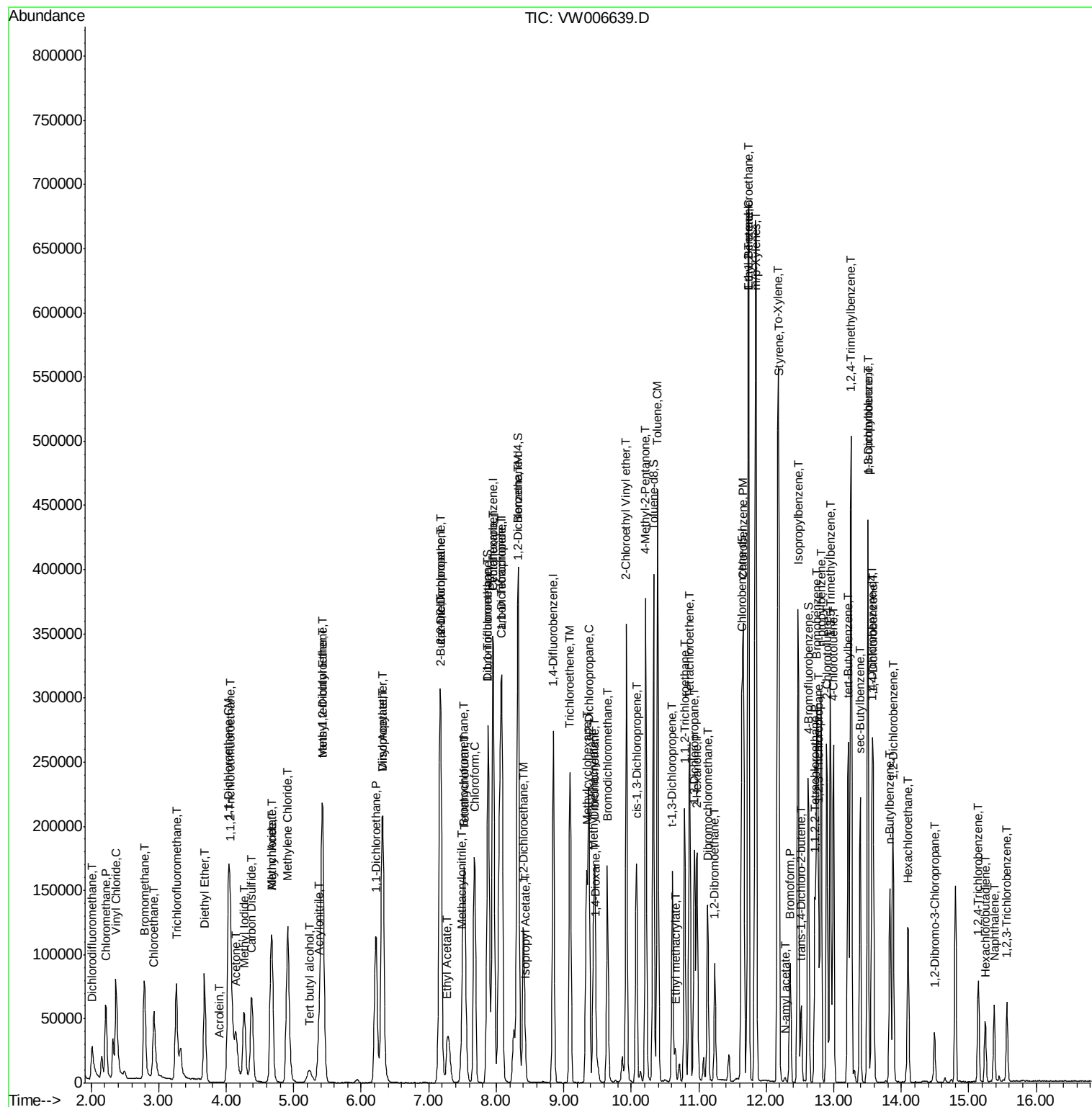
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
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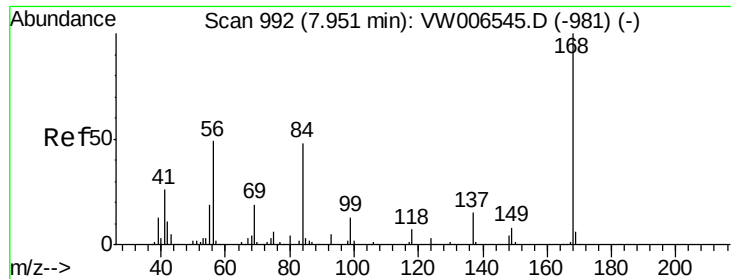
Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion:168 Resp: 173139

Ion Ratio Lower Upper

168 100

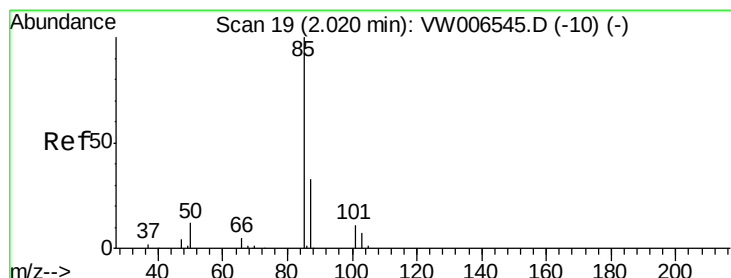
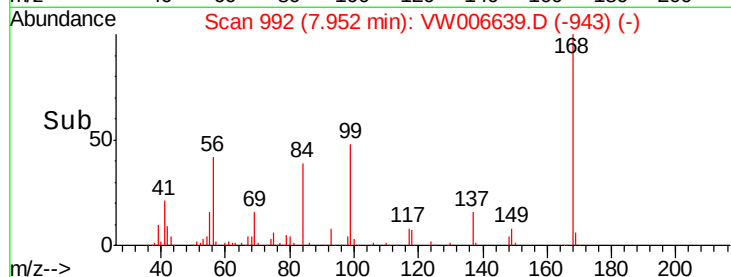
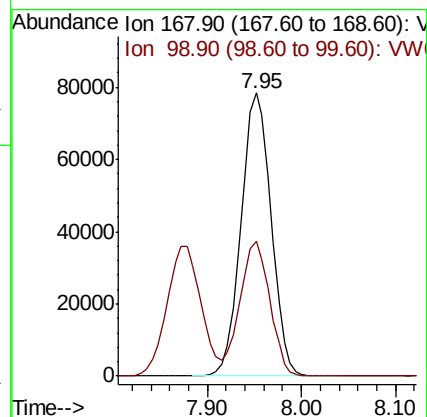
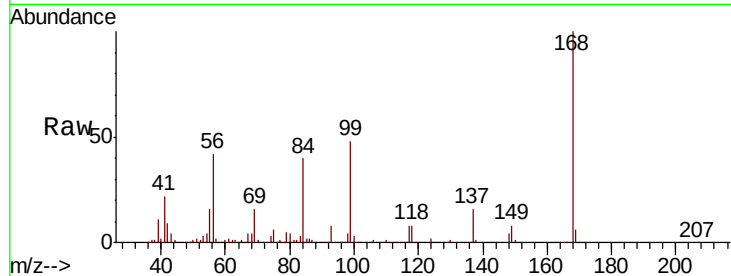
99 47.7 37.4 56.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 66.841 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006639.D

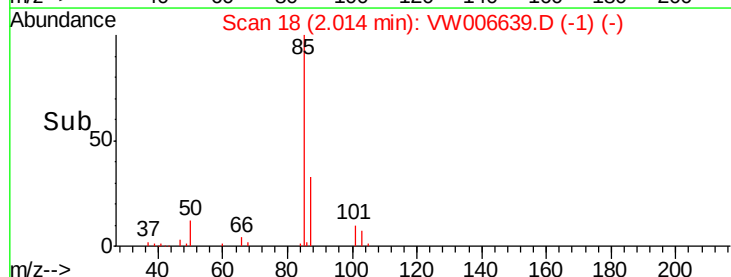
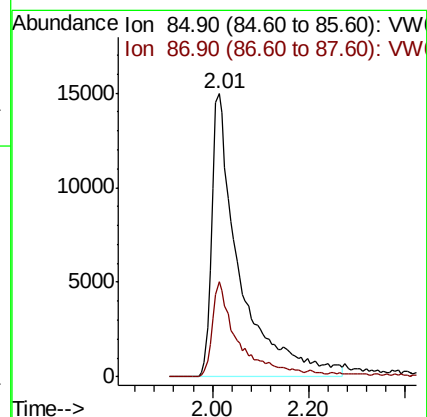
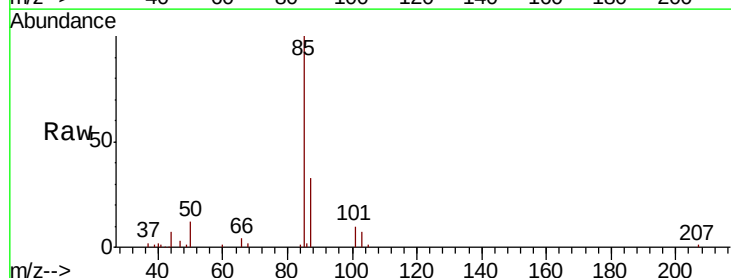
Acq: 05 Nov 2018 16:32

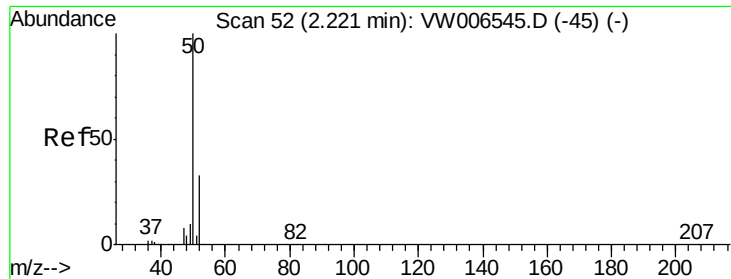
Tgt Ion: 85 Resp: 59993

Ion Ratio Lower Upper

85 100

87 33.5 16.8 50.3





#3

Chloromethane

Concen: 61.170 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 50 Resp: 67931

Ion Ratio Lower Upper

50 100

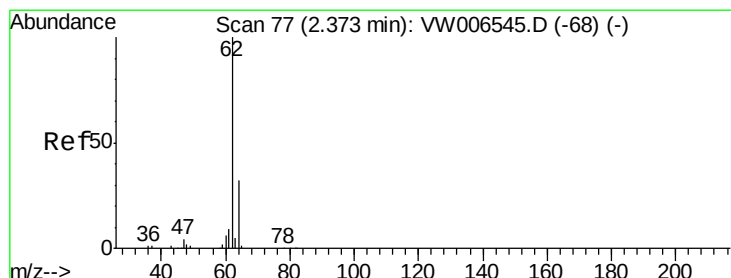
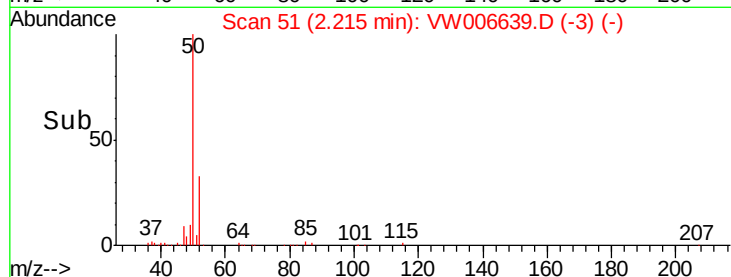
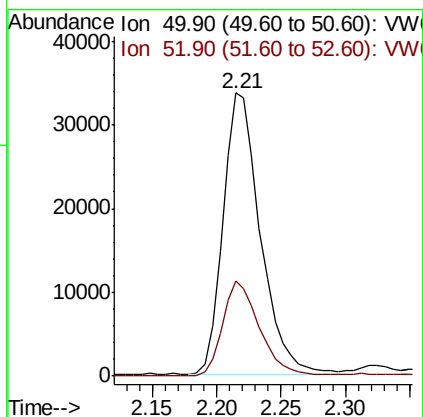
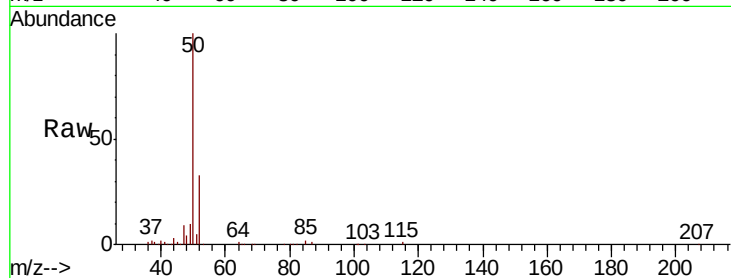
52 33.5 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 64.079 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006639.D

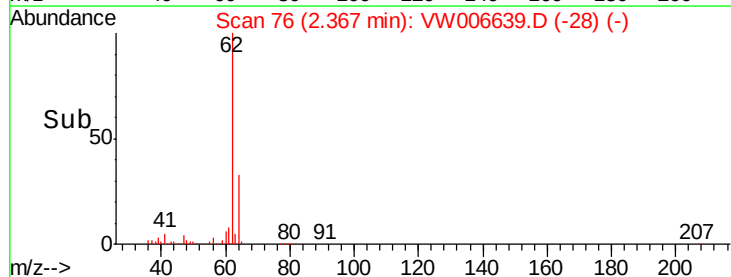
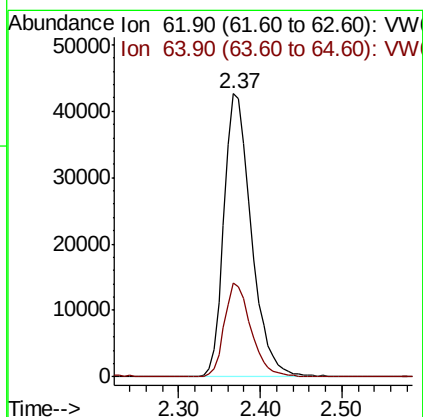
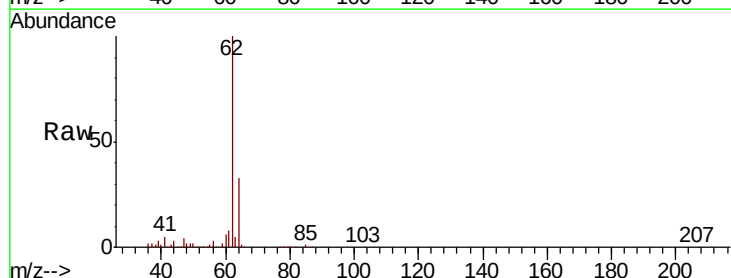
Acq: 05 Nov 2018 16:32

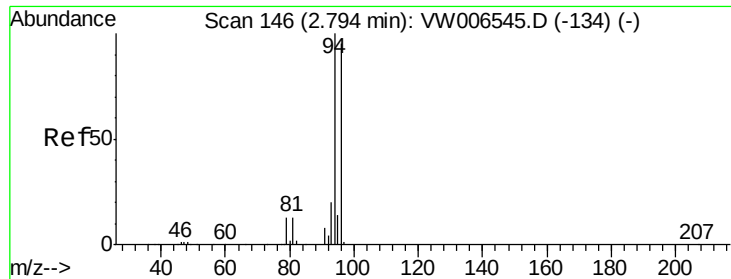
Tgt Ion: 62 Resp: 99363

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: 49.393 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

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ClientSampleId :

DL-SED-01MSD

Tot Ion: 94 Resp: 64276

Ion Ratio Lower Upper

94 100

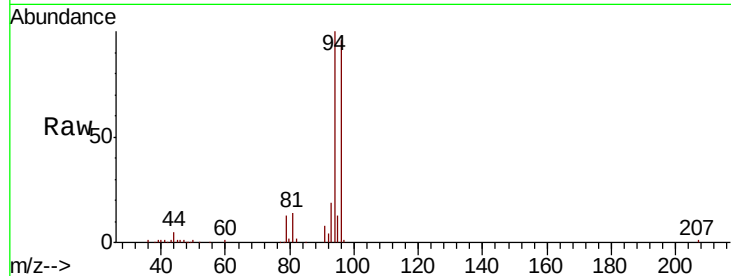
96 95.6 75.7 113.5

Manual Integrations

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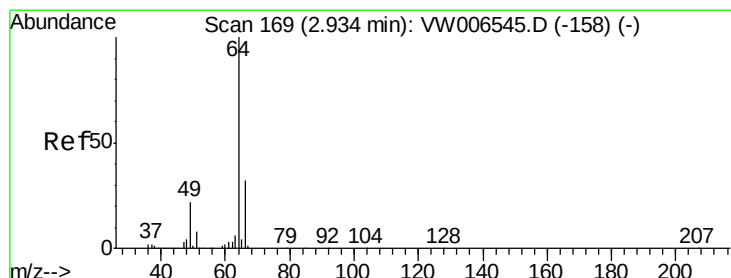
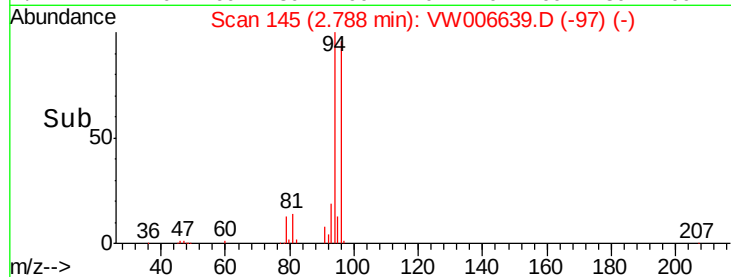
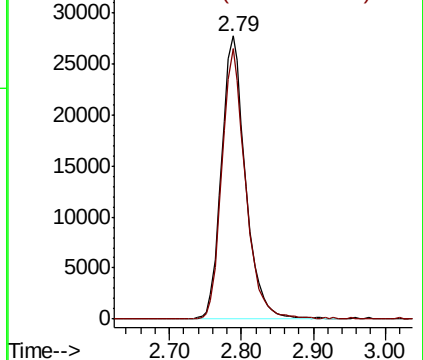
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 65.865 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW006639.D

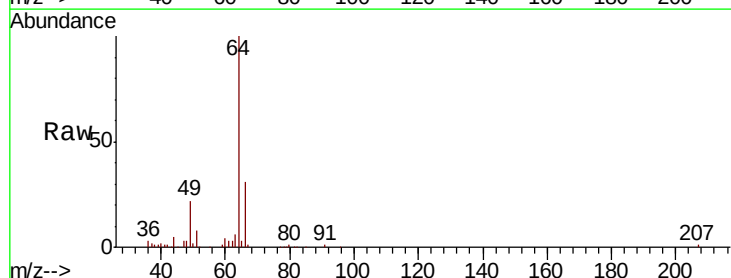
Acq: 05 Nov 2018 16:32

Tgt Ion: 64 Resp: 71361

Ion Ratio Lower Upper

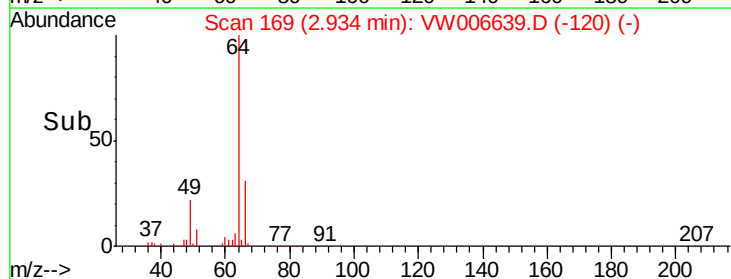
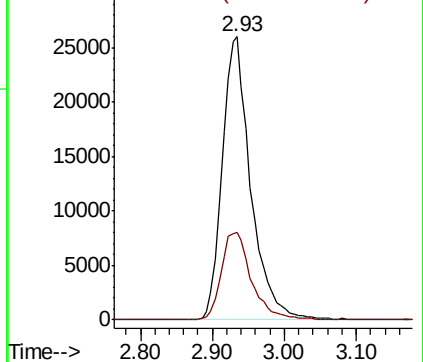
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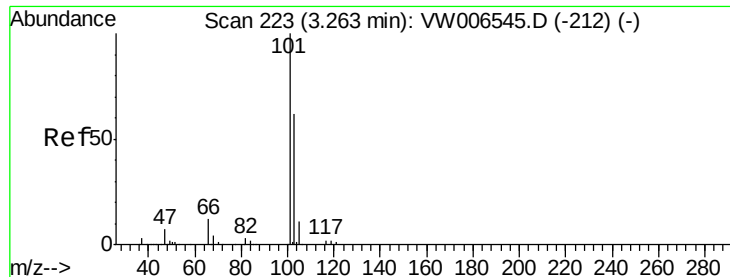
66 30.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

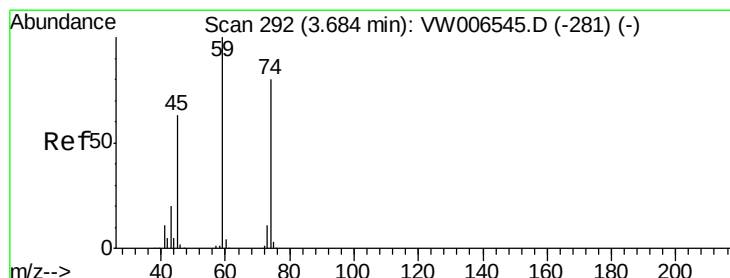
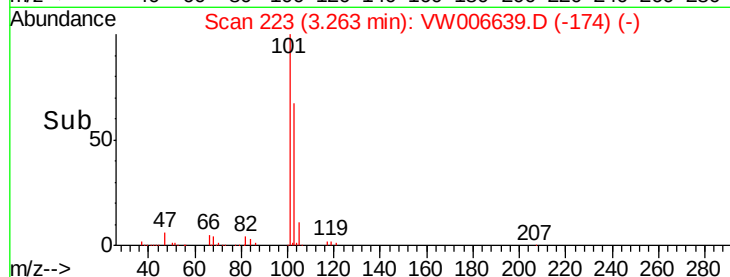
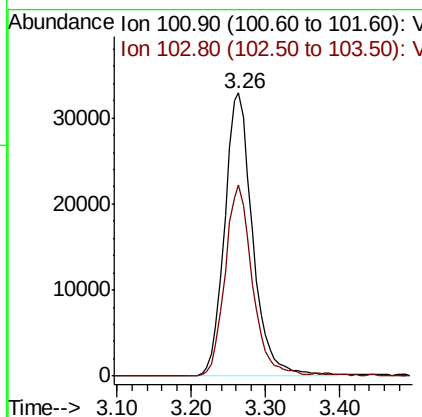
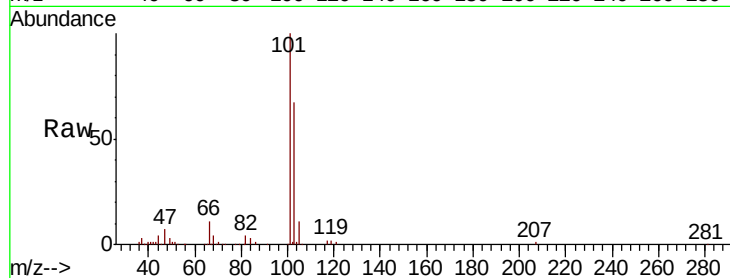
Trichlorofluoromethane
 Concen: 63.327 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	49.8	74.8

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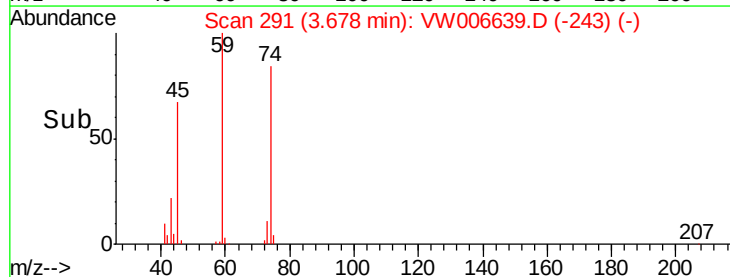
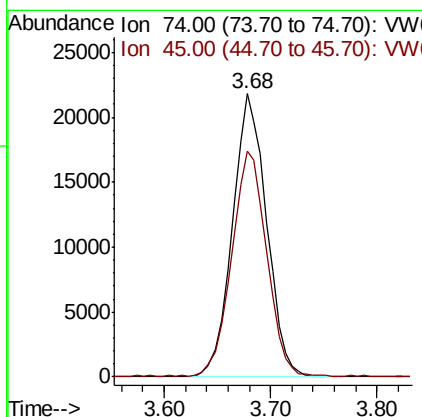
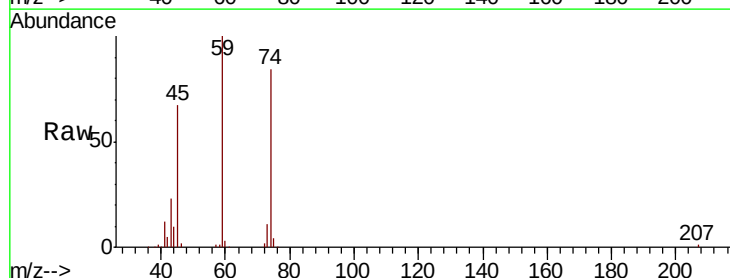
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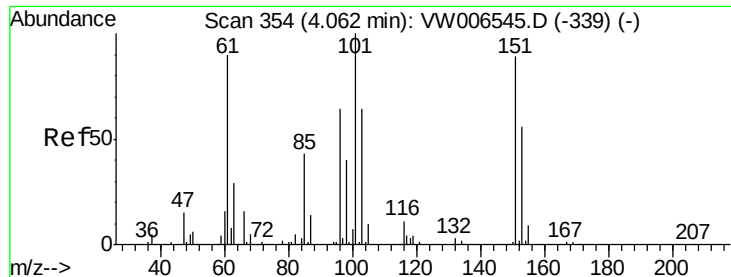


#8

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

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.4	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.742 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

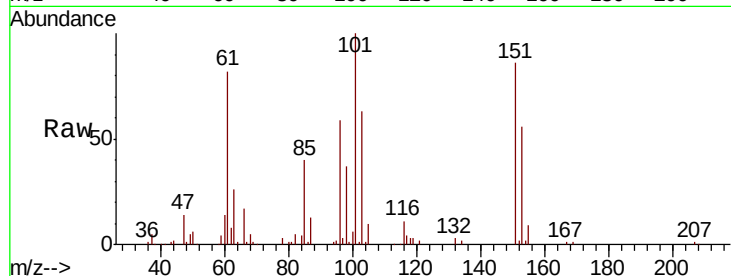
ClientSampleId :

DL-SED-01MSD

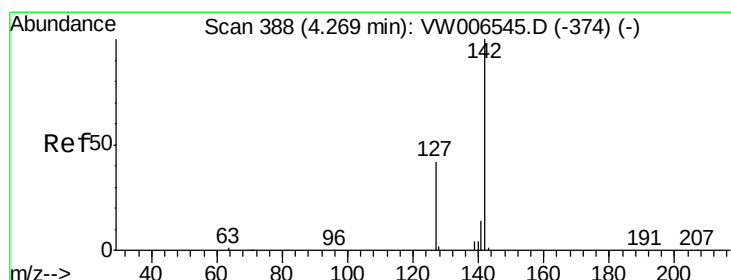
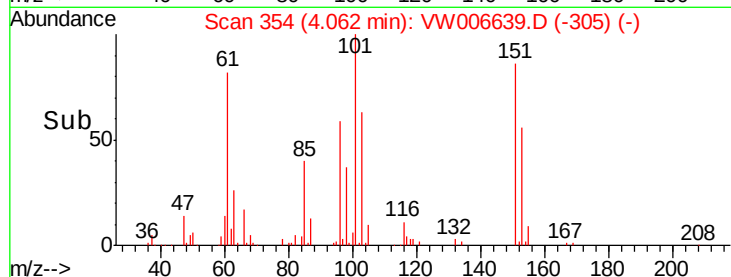
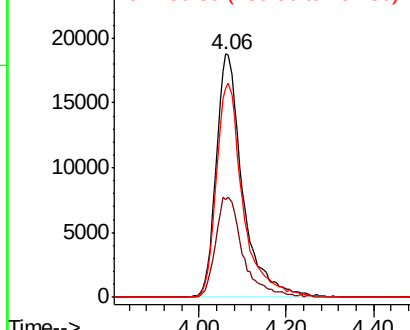
Tot Ion:	101	Resp:	78581
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.2
151	88.2	70.7	106.1

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.613 ug/l

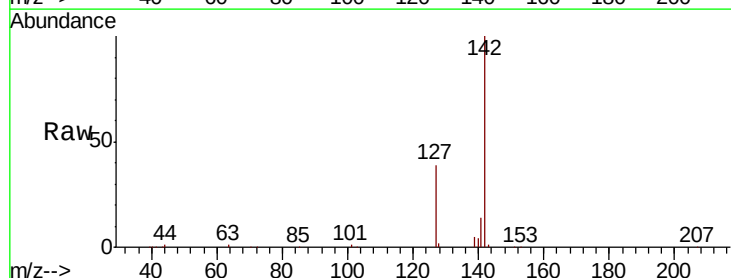
RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

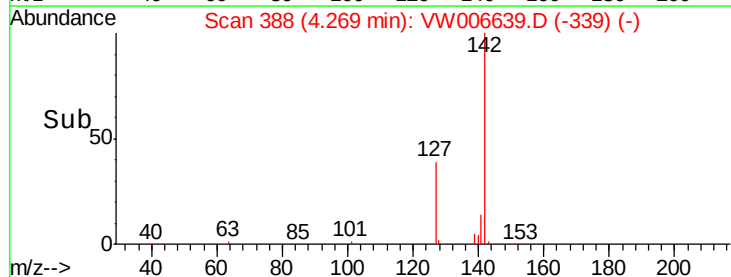
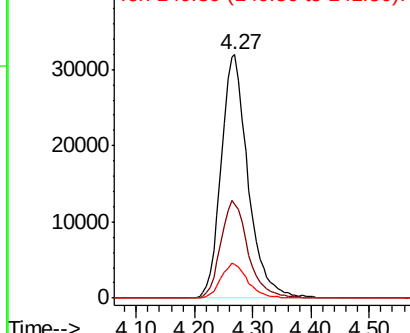
Lab File: VW006639.D

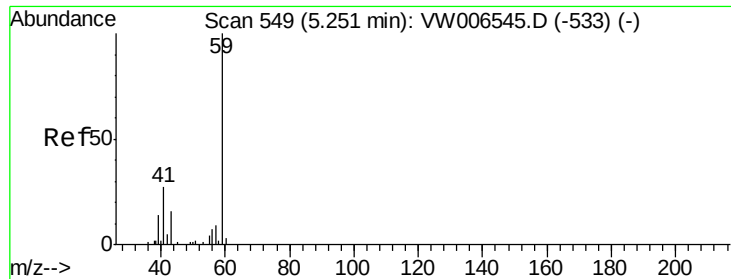
Acq: 05 Nov 2018 16:32

Tgt Ion:	142	Resp:	102371
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.3	48.5
141	14.2	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

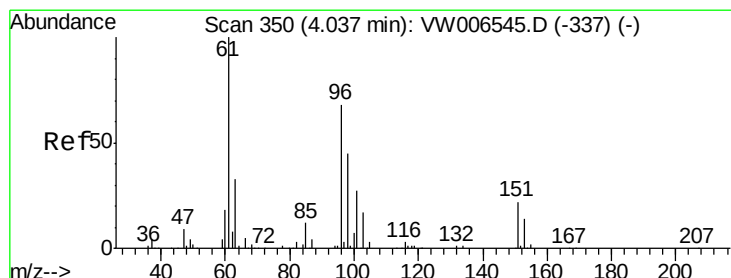
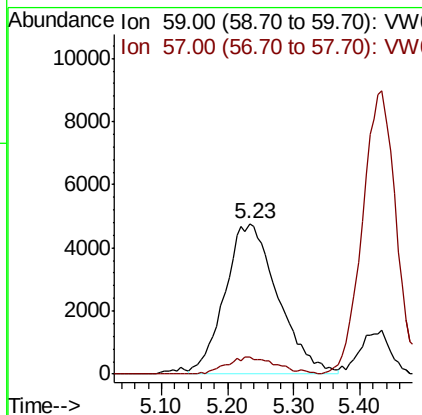
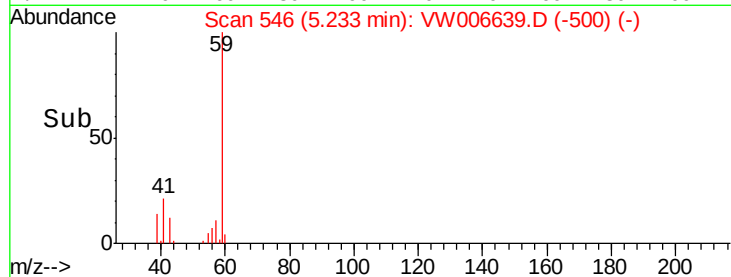
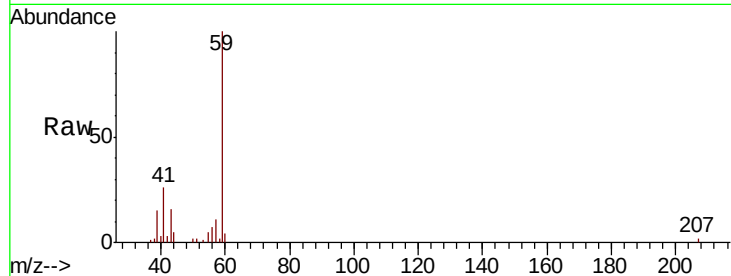
Tert butyl alcohol
Concen: 330.585 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	4.3	6.5#

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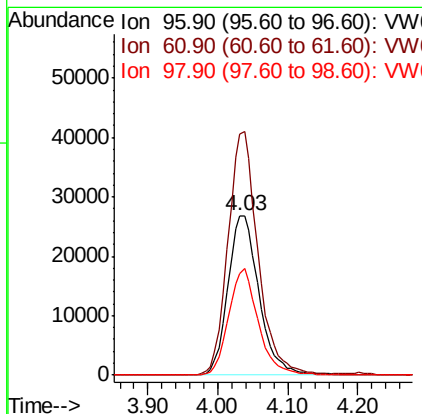
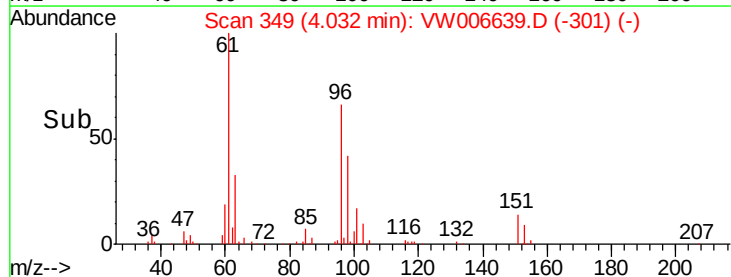
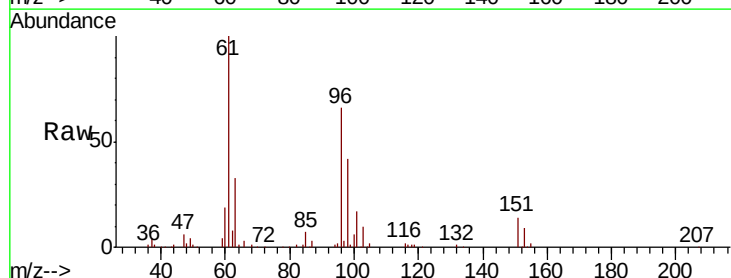
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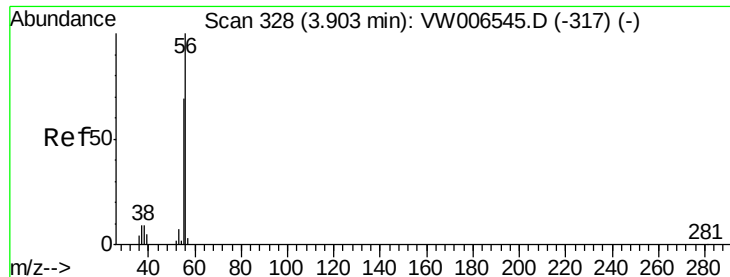


#12

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

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





#13

Acrolein

Concen: 1.111 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 56 Resp: 112

Ion Ratio Lower Upper

56 100

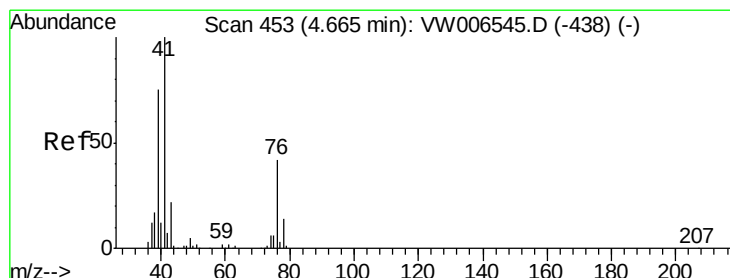
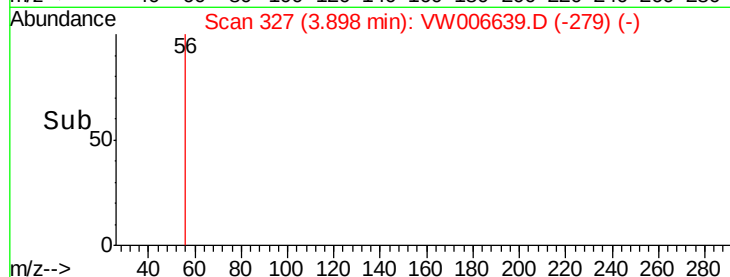
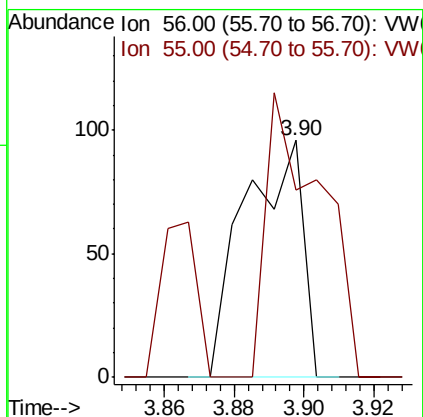
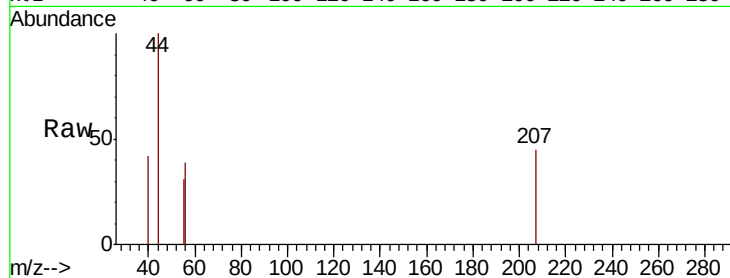
55 111.6 56.9 85.3#

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#14

Allyl chloride

Concen: 38.929 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

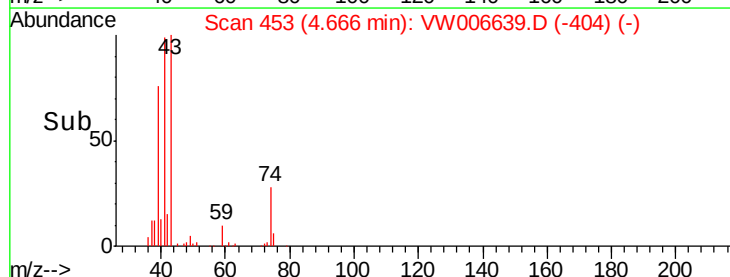
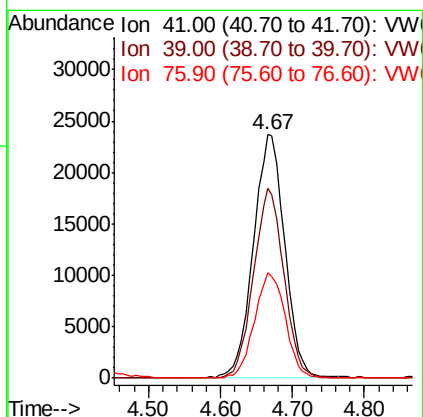
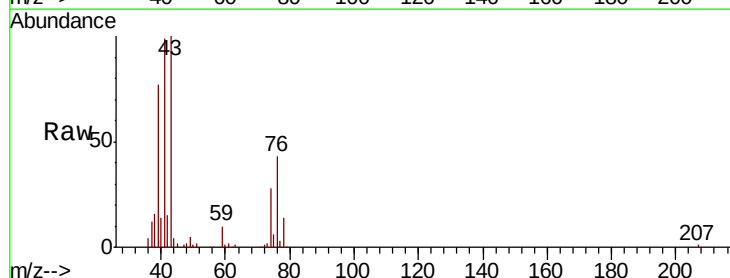
Tgt Ion: 41 Resp: 71763

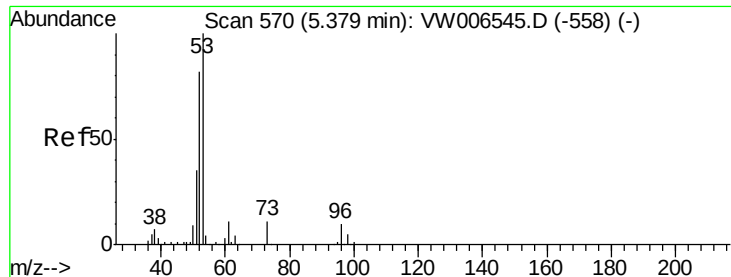
Ion Ratio Lower Upper

41 100

39 75.3 62.1 93.1

76 42.3 34.2 51.2





#15

Acrylonitrile

Concen: 227.686 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

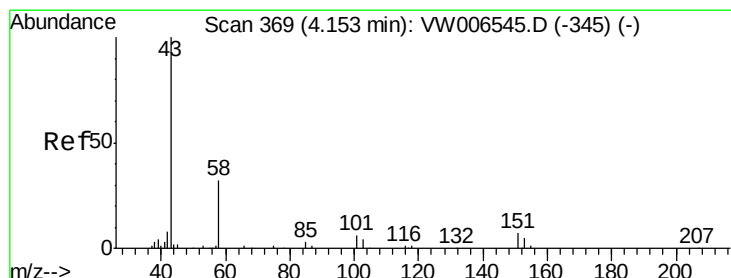
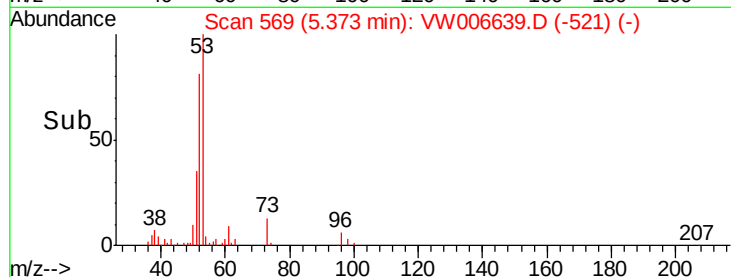
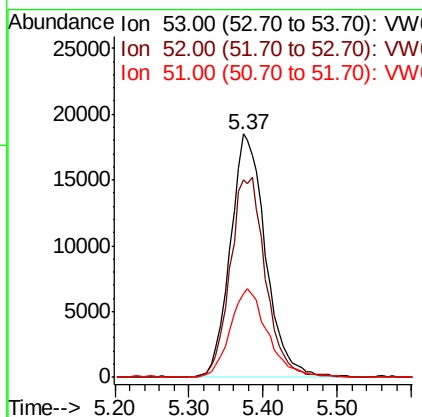
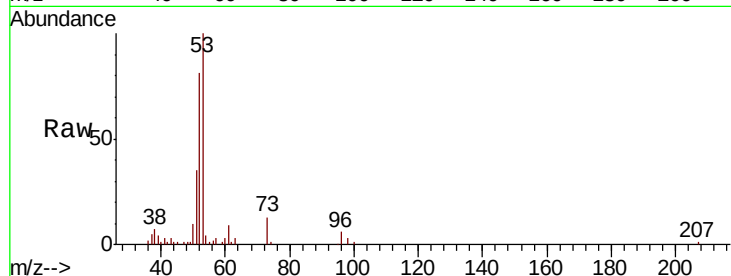
ClientSampleId :

DL-SED-01MSD

Tot Ion:	53	Resp:	61108
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.8
51	38.4	29.6	44.4

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#16

Acetone

Concen: 230.431 ug/l

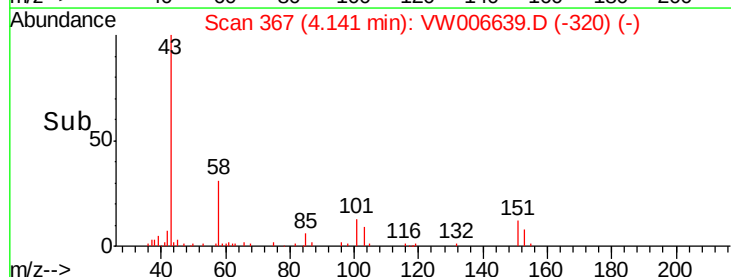
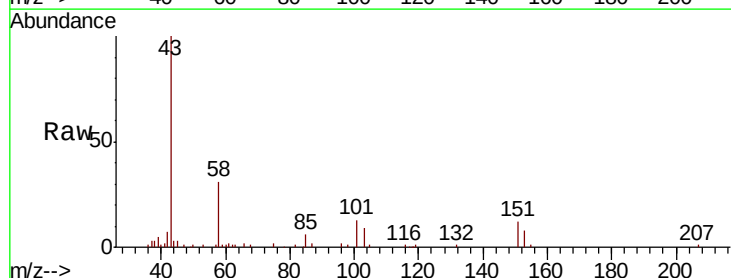
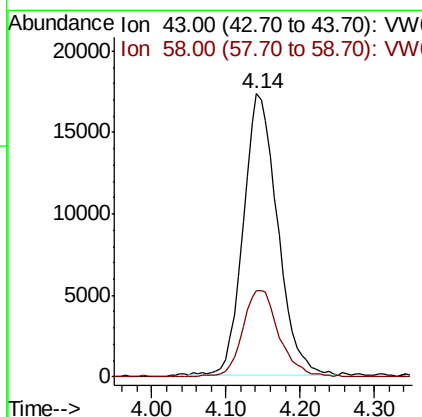
RT: 4.14 min Scan# 367

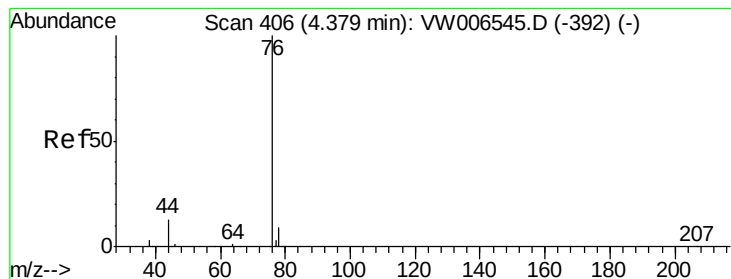
Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Tgt Ion:	43	Resp:	55369
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.8	38.8





#17

Carbon Disulfide

Concen: 38.078 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 76 Resp: 153031

Ion Ratio Lower Upper

76 100

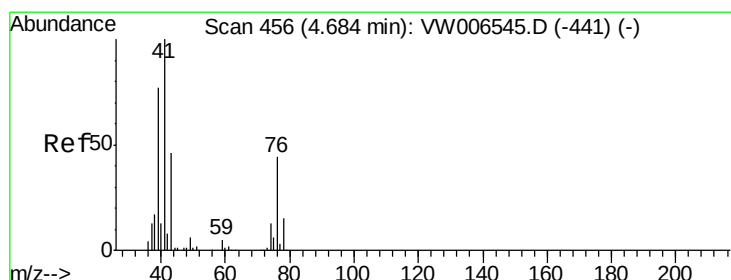
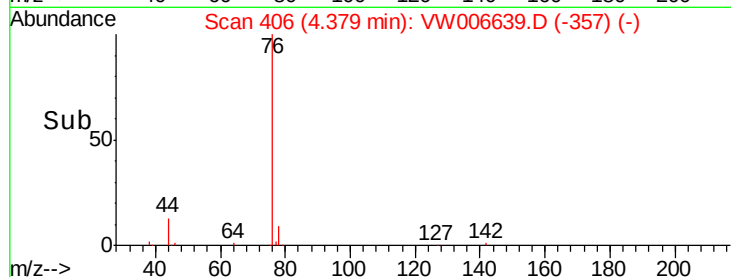
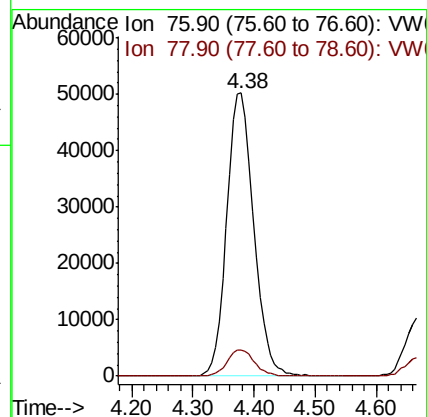
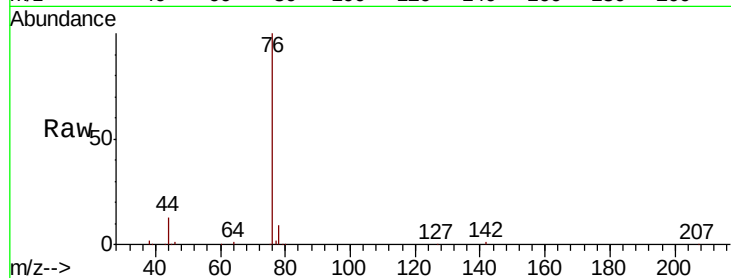
78 9.3 7.3 10.9

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#18

Methyl Acetate

Concen: 131.685 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006639.D

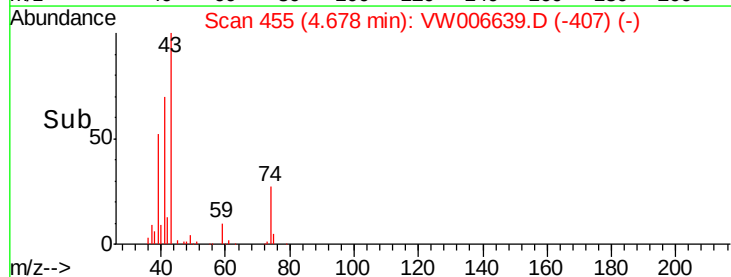
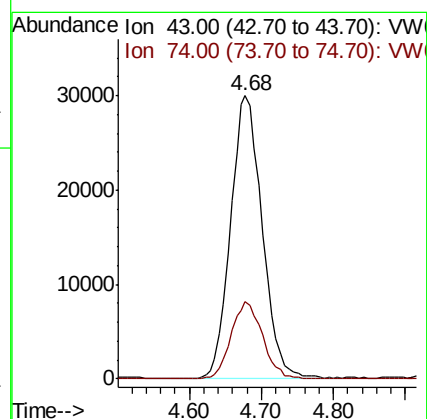
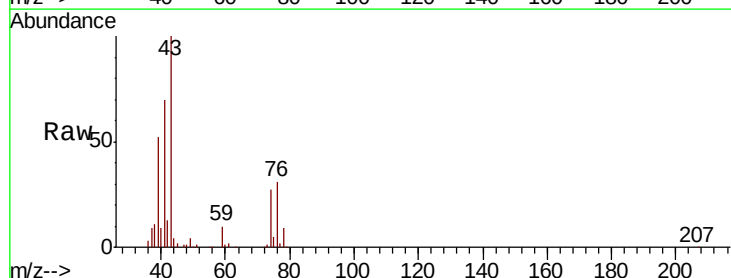
Acq: 05 Nov 2018 16:32

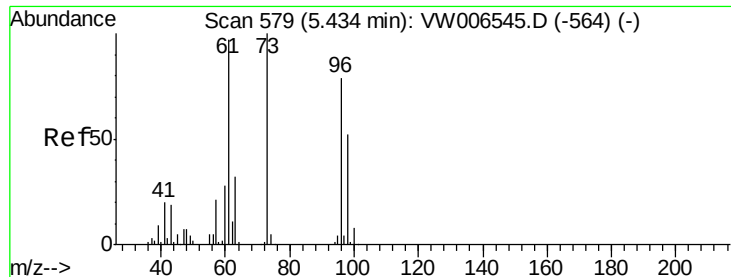
Tgt Ion: 43 Resp: 90987

Ion Ratio Lower Upper

43 100

74 27.2 21.9 32.9





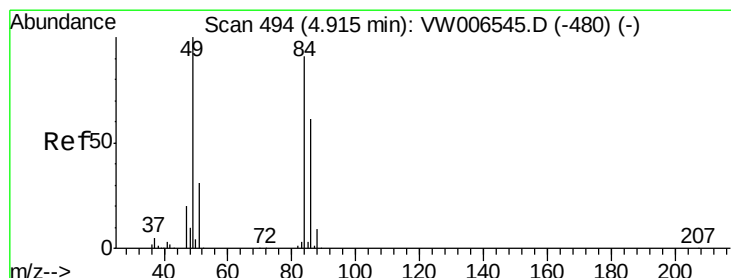
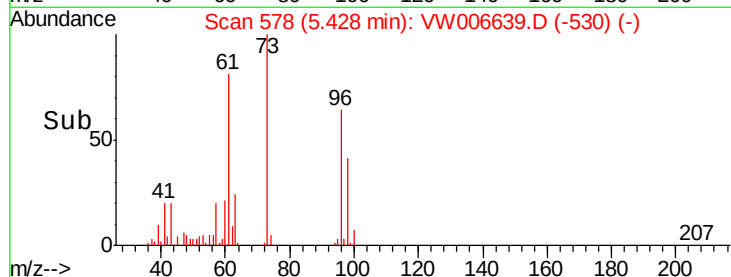
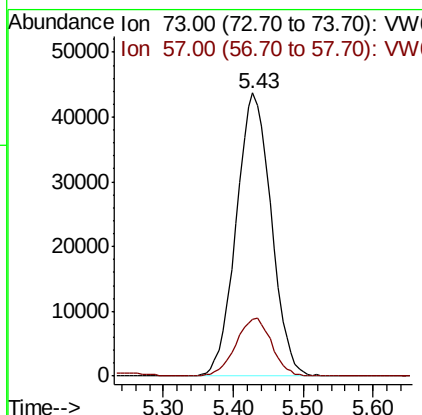
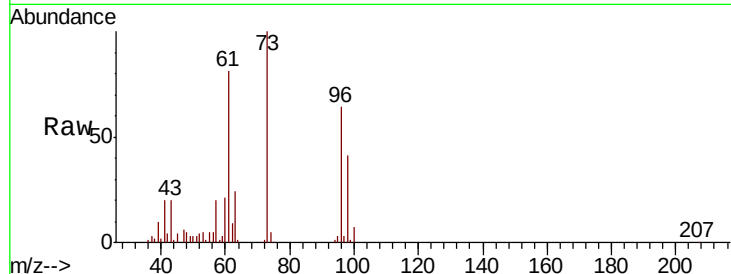
#19
Methyl tert-butyl Ether
Concen: 72.287 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

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

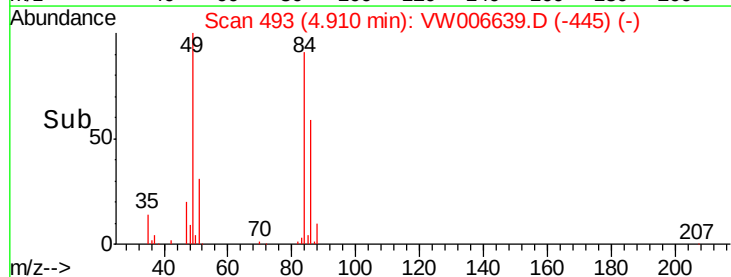
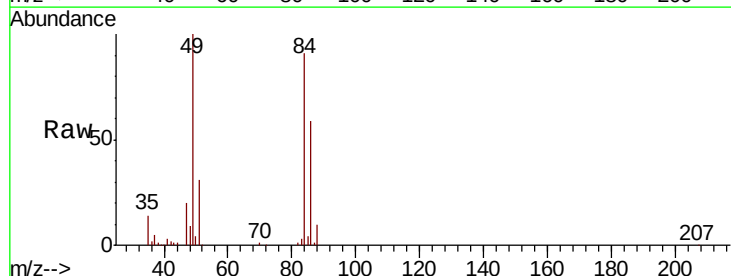
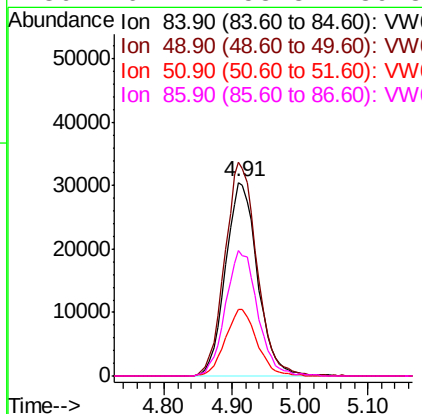
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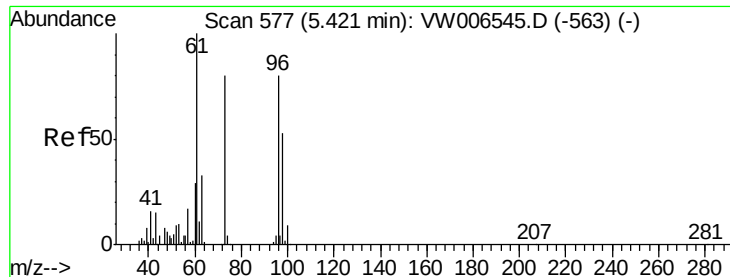
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#20
Methylene Chloride
Concen: 65.909 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

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





#21

trans-1,2-Dichloroethene

Concen: 53.451 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

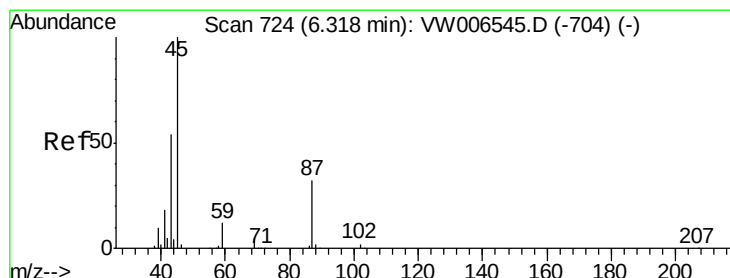
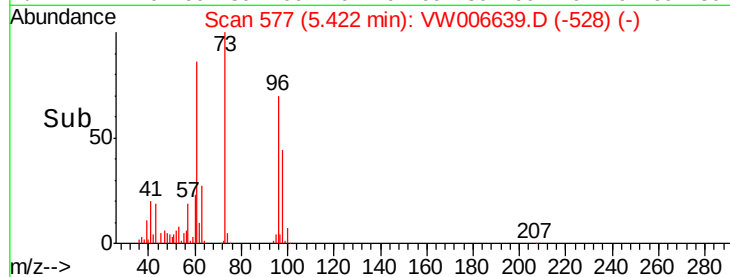
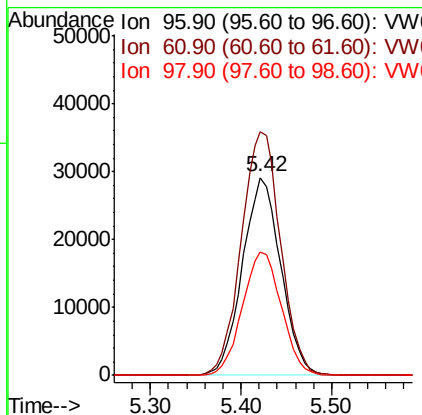
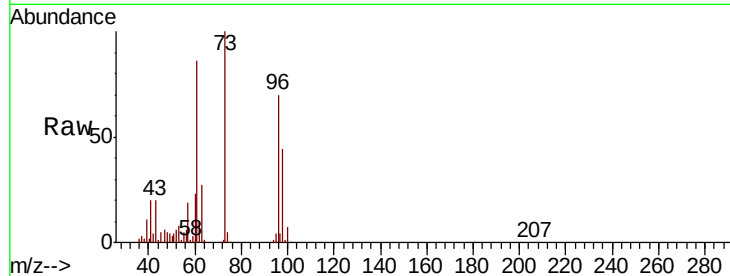
ClientSampleId :

DL-SED-01MSD

Tot Ion:	96	Resp:	85417
Ion	Ratio	Lower	Upper
96	100		
61	122.9	100.6	150.8
98	62.3	52.9	79.3

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#22

Diisopropyl ether

Concen: 65.173 ug/l

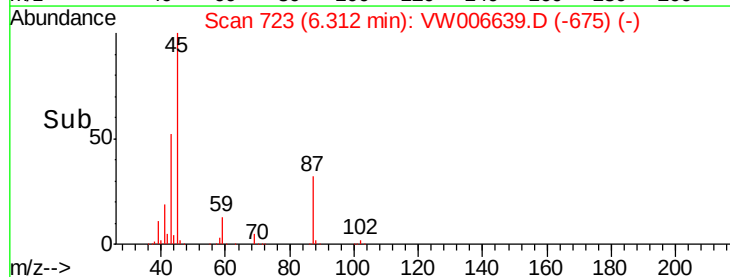
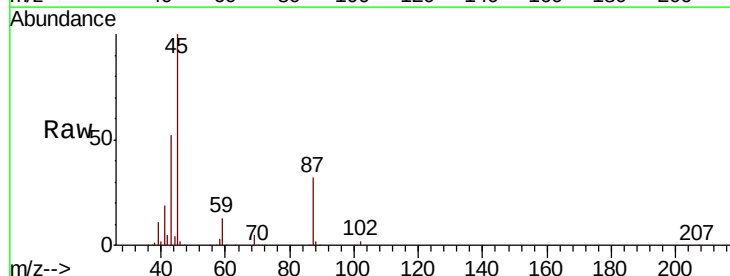
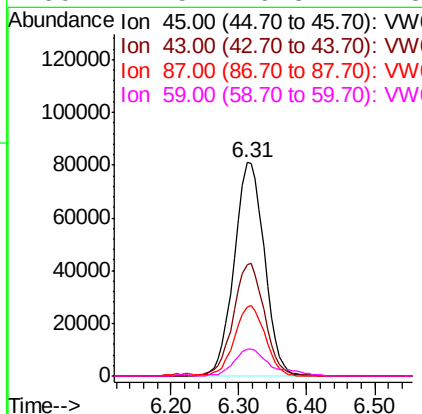
RT: 6.31 min Scan# 723

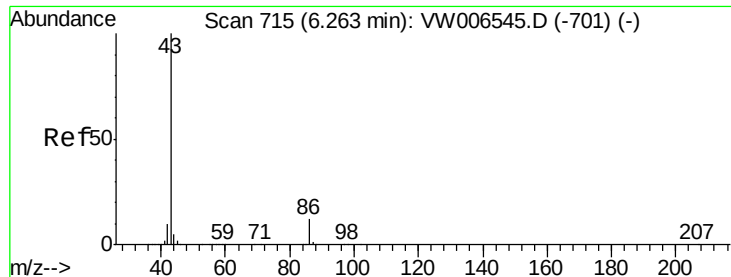
Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Tgt Ion:	45	Resp:	250470
Ion	Ratio	Lower	Upper
45	100		
43	52.1	43.6	65.4
87	32.4	26.3	39.5
59	12.5	9.8	14.8





#23

Vinyl Acetate

Concen: 63.912 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.06 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 43 Resp: 136210

Ion Ratio Lower Upper

43 100

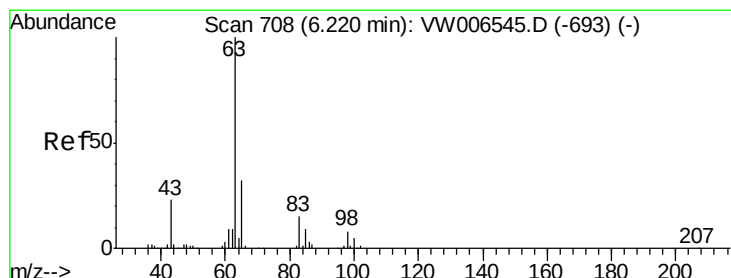
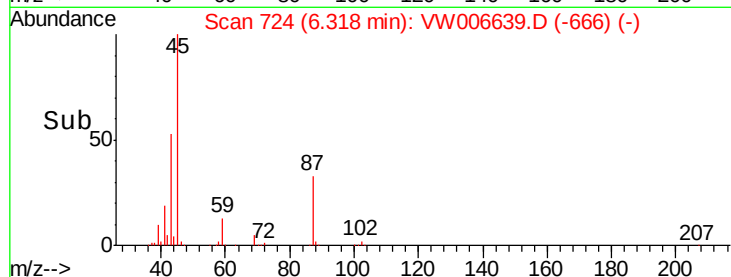
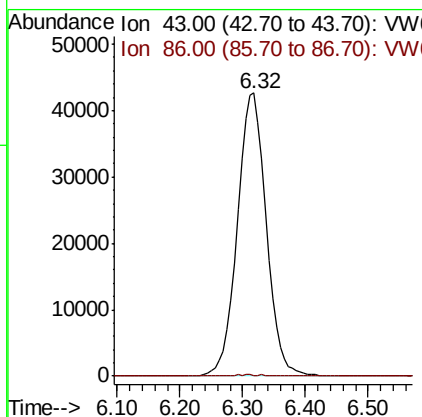
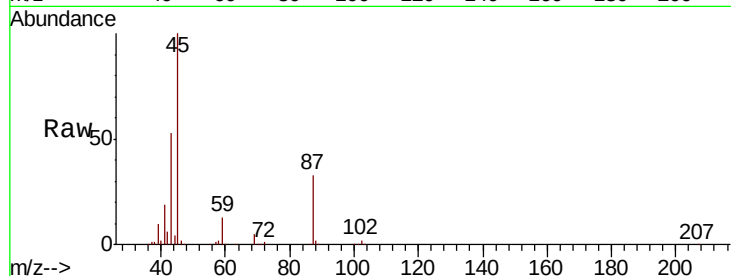
86 0.4 9.8 14.8#

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#24

1,1-Dichloroethane

Concen: 62.856 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

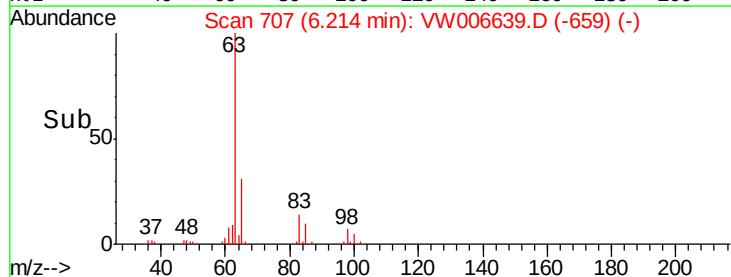
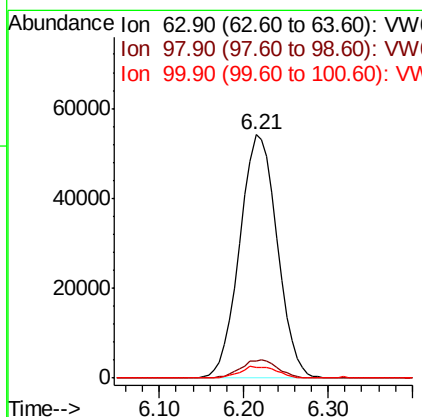
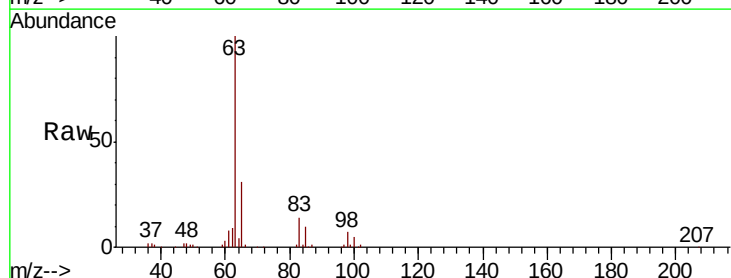
Tgt Ion: 63 Resp: 163718

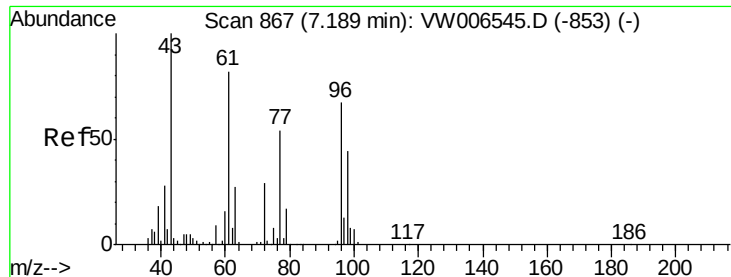
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 220.928 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 43 Resp: 75751

Ion Ratio Lower Upper

43 100

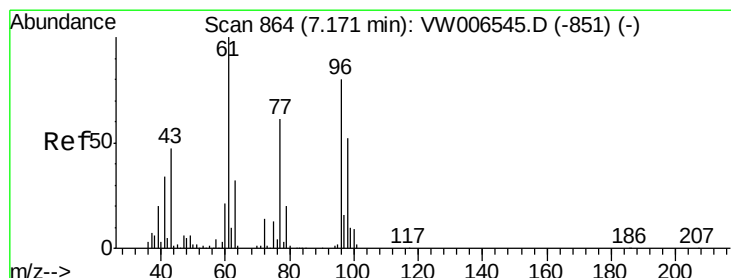
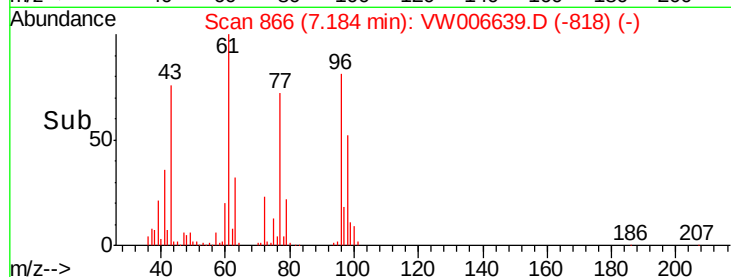
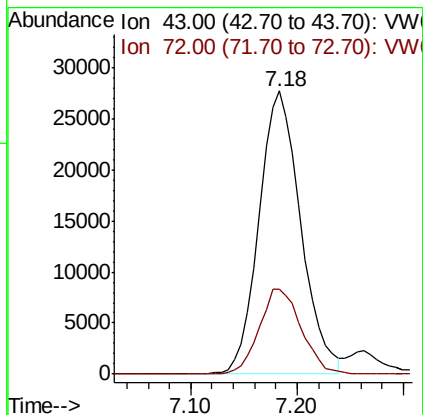
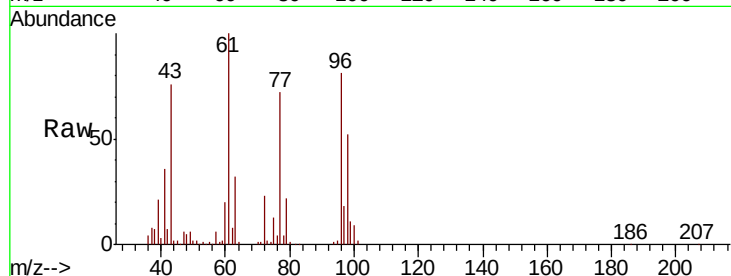
72 30.0 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 63.046 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006639.D

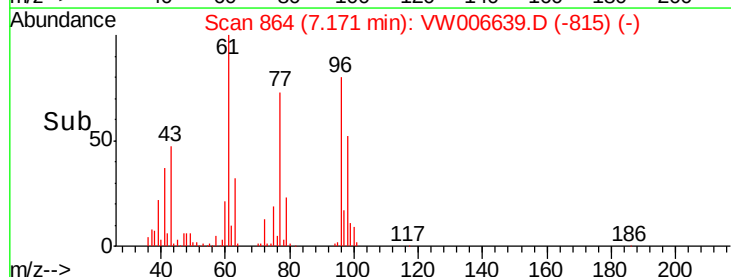
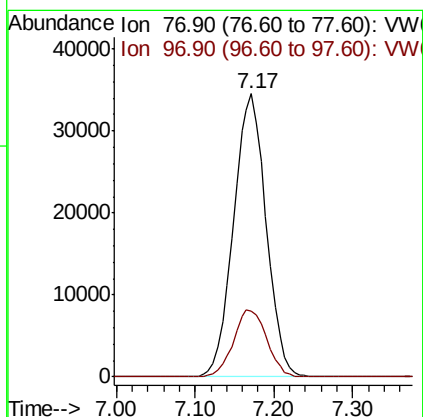
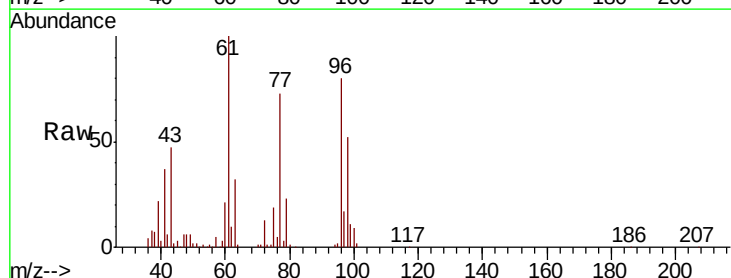
Acq: 05 Nov 2018 16:32

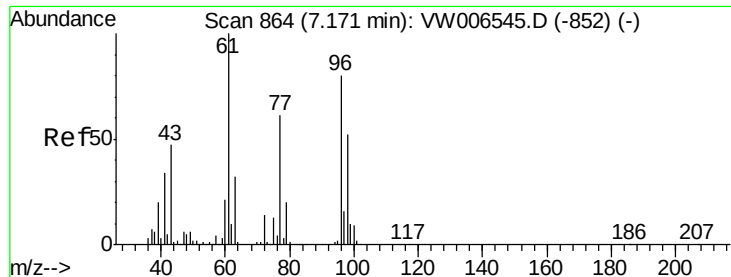
Tgt Ion: 77 Resp: 98919

Ion Ratio Lower Upper

77 100

97 24.3 12.8 38.4





#27

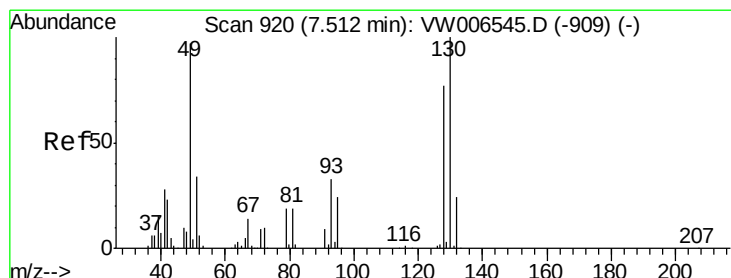
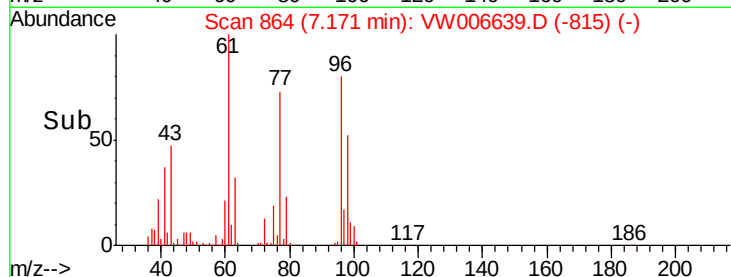
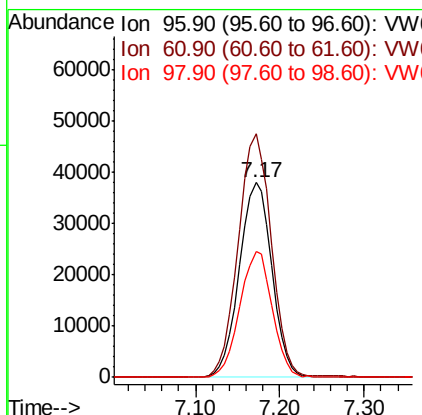
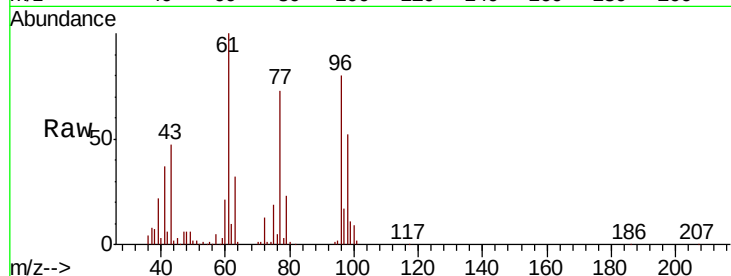
cis-1,2-Dichloroethene
 Concen: 55.418 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	254.2
98	64.2	0.0	129.6

Manual Integrations
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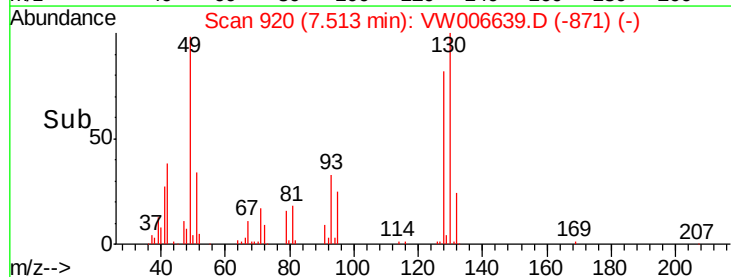
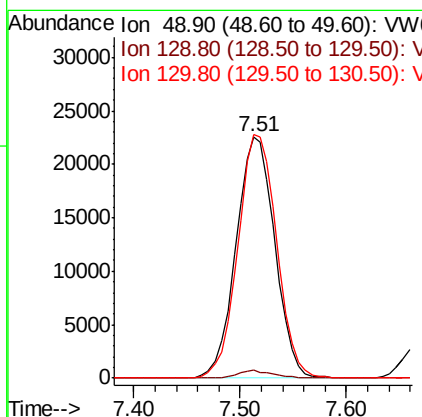
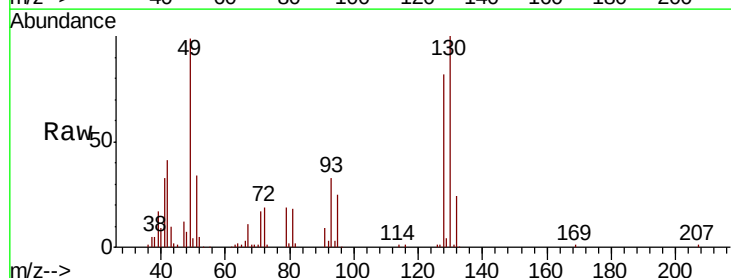
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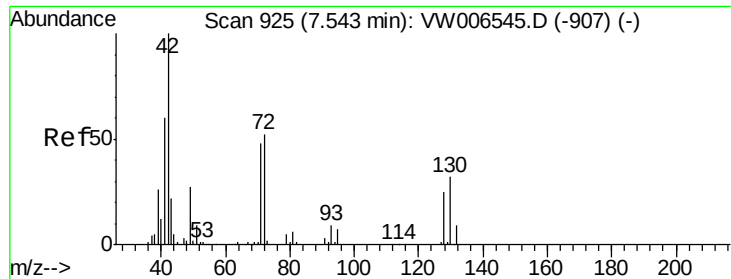


#28

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

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





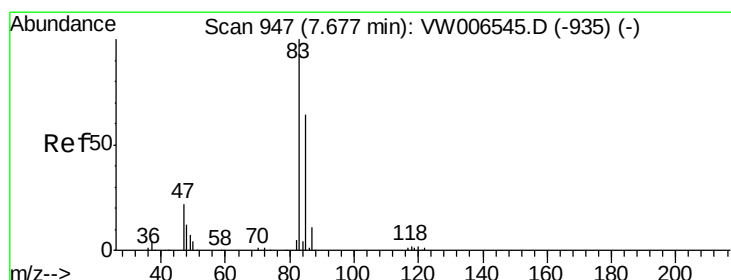
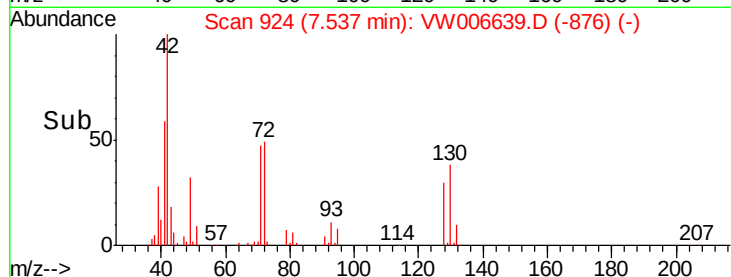
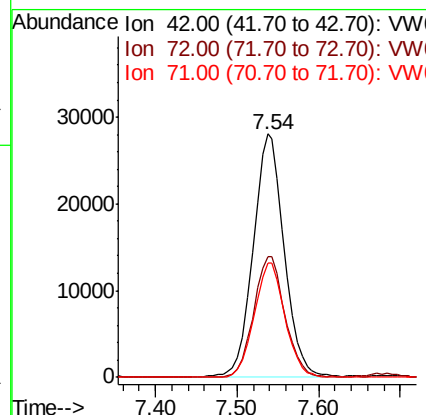
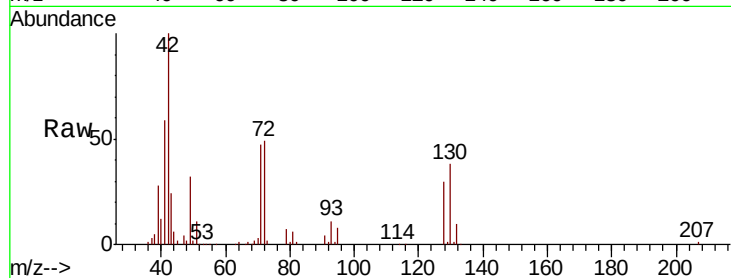
#29
Tetrahydrofuran
Concen: 345.259 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.2	58.8
71	46.4	37.6	56.4

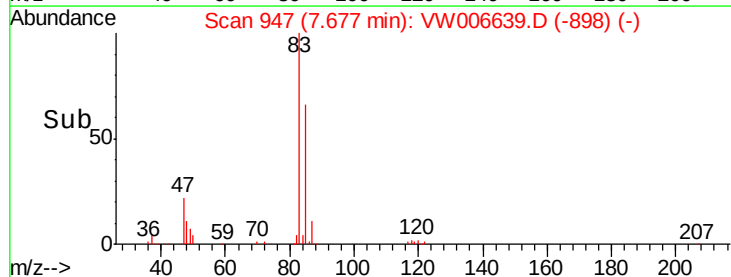
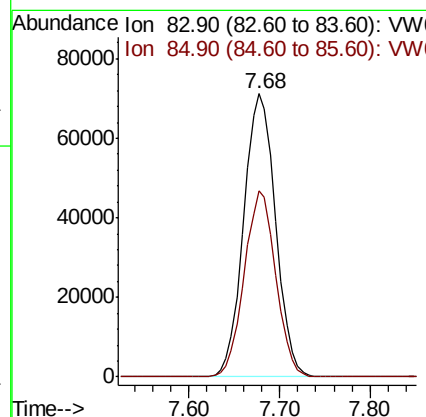
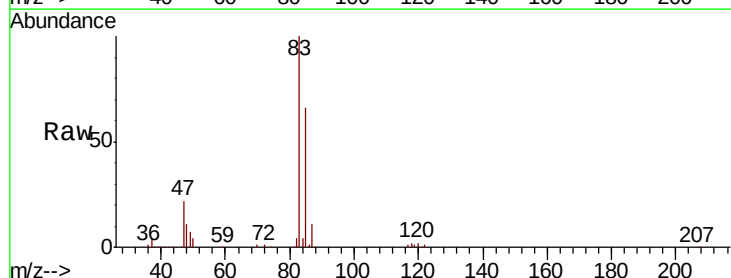
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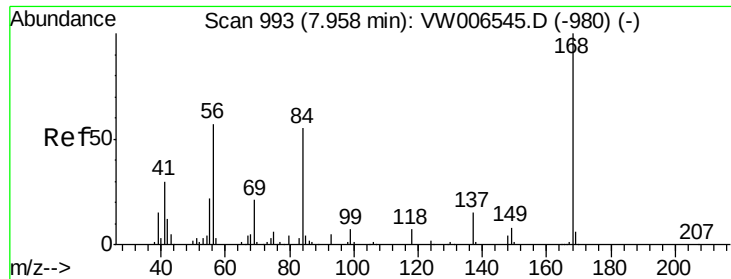
apatel
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#30
Chloroform
Concen: 60.519 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.3	76.9





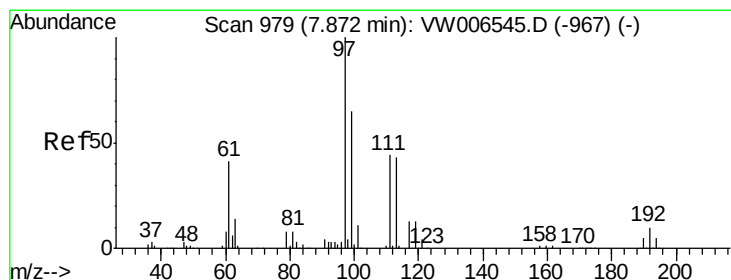
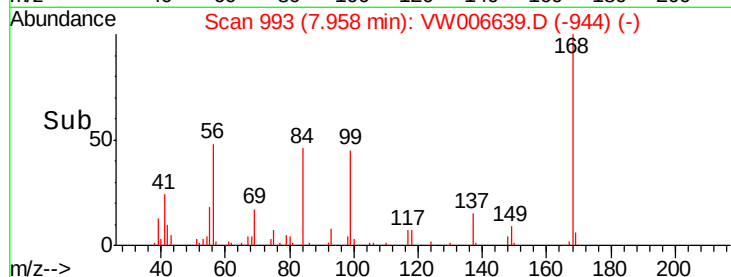
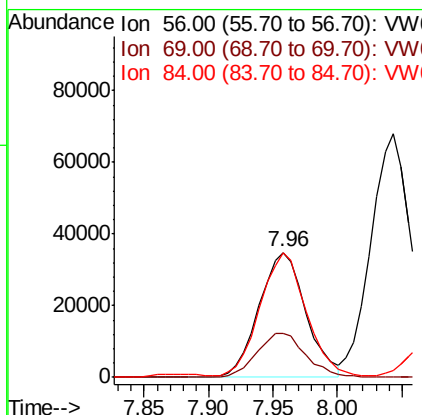
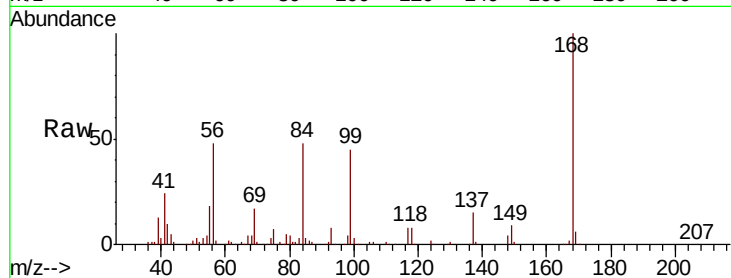
#31
Cyclohexane
Concen: 37.199 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	29.0	43.4
84	97.5	77.8	116.6

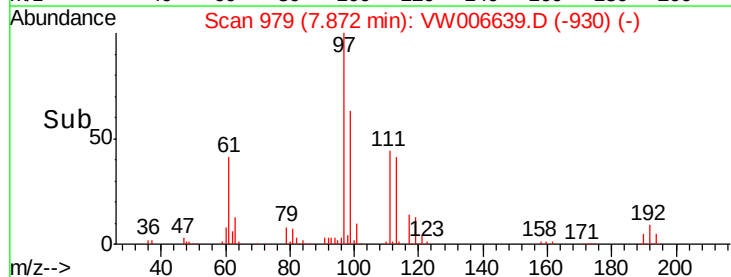
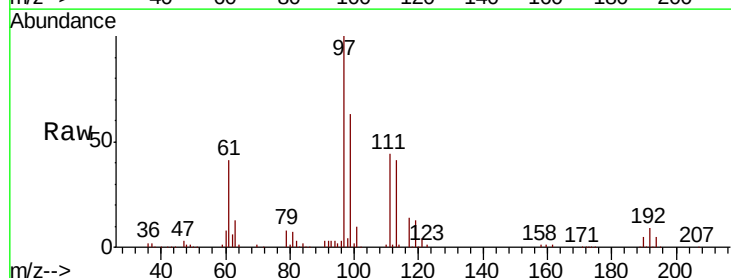
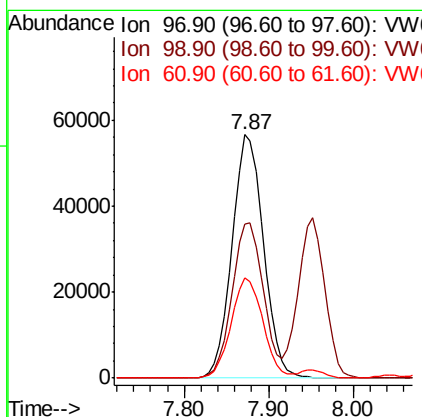
Manual Integrations
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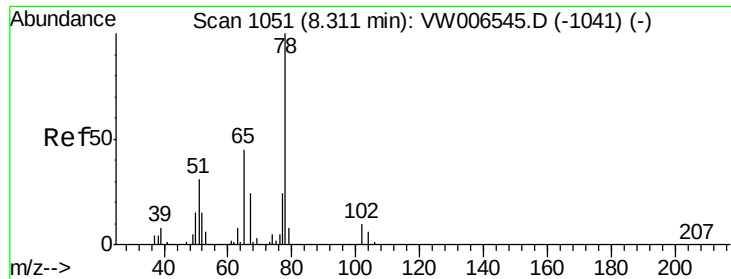
apatel
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#32
1,1,1-Trichloroethane
Concen: 59.149 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

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





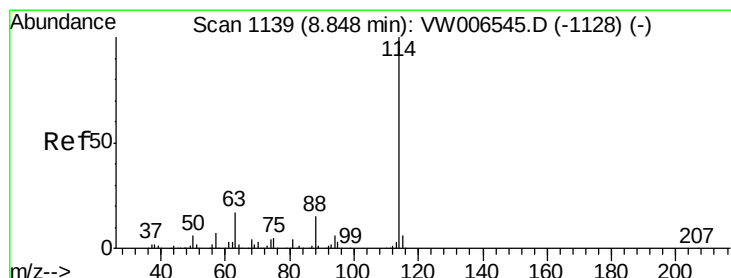
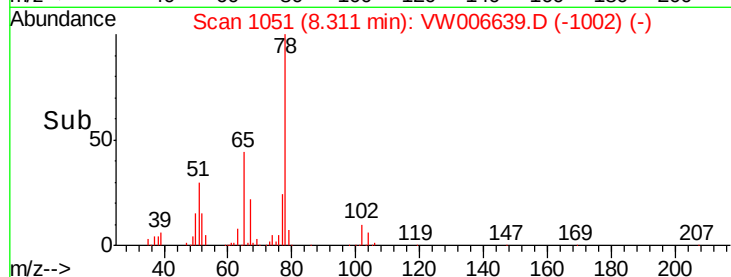
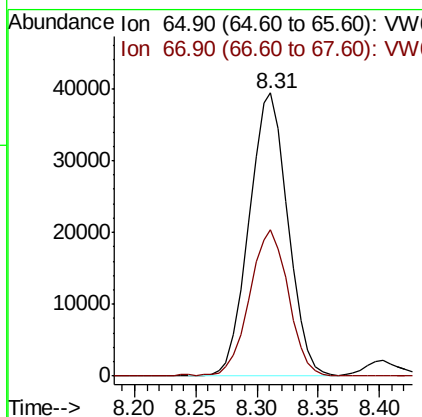
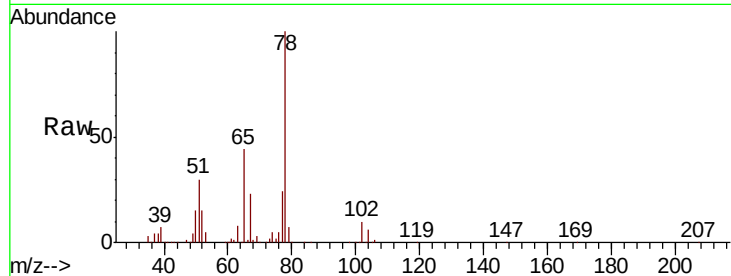
#33
 1,2-Dichloroethane-d4
 Concen: 58.372 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.4

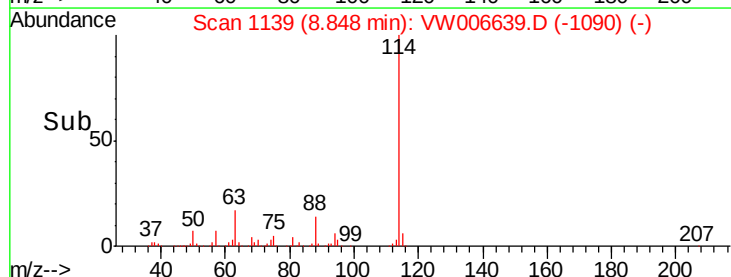
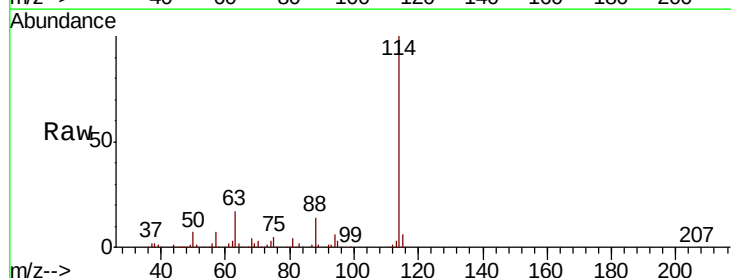
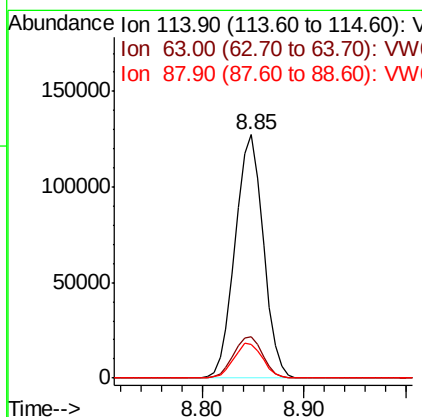
Manual Integrations
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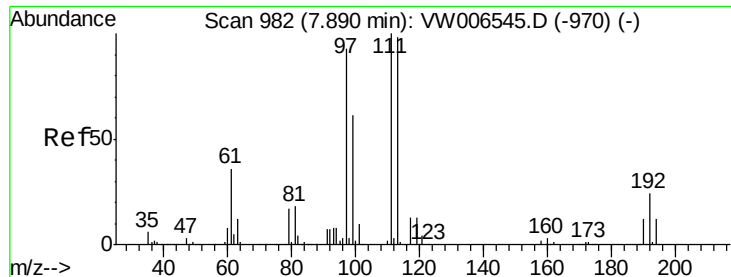
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.4
88	13.8	0.0	29.0





#35

Dibromofluoromethane

Concen: 58.296 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

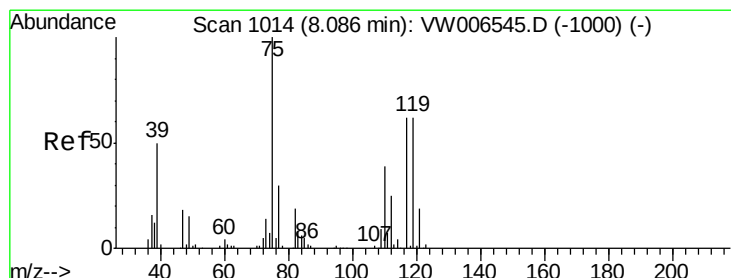
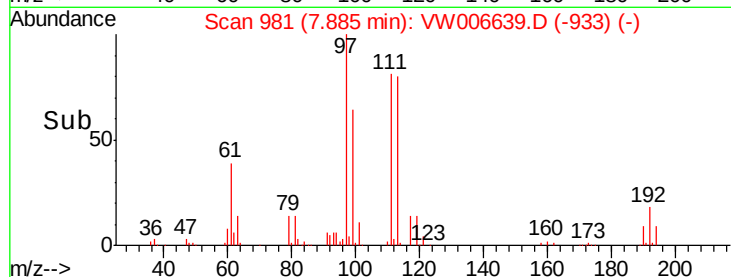
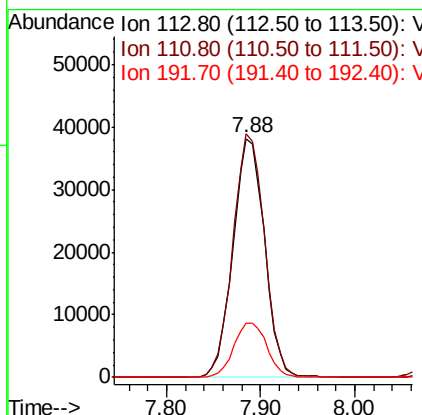
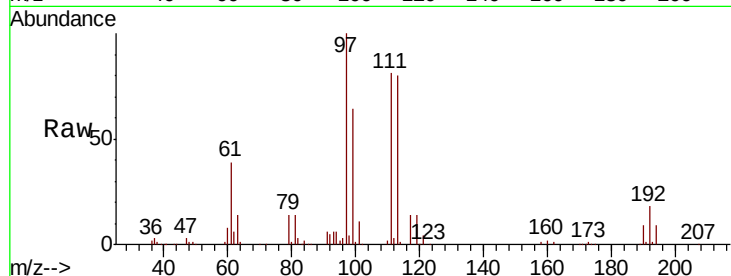
ClientSampleId :

DL-SED-01MSD

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

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.389 ug/l

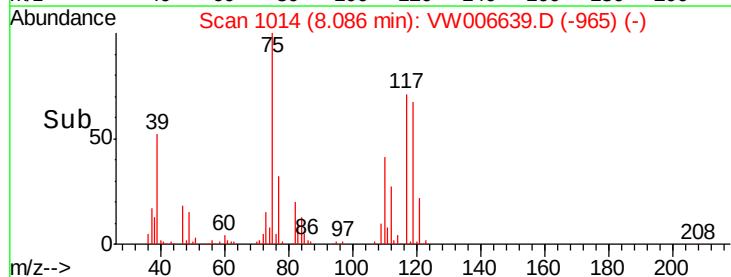
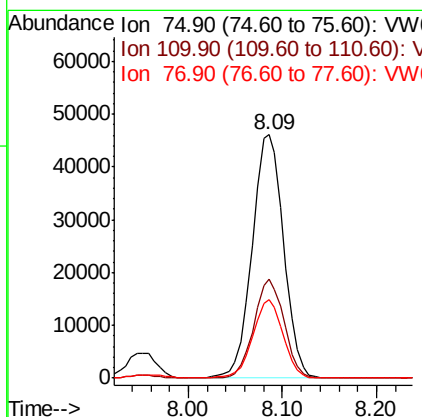
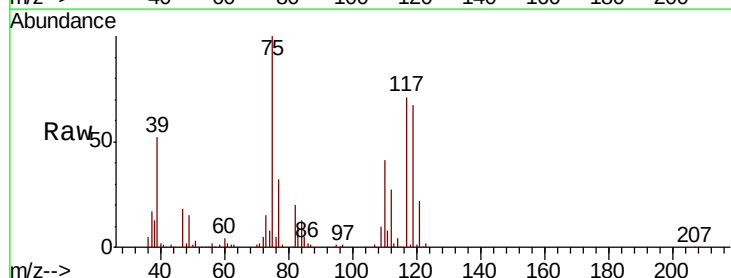
RT: 8.09 min Scan# 1014

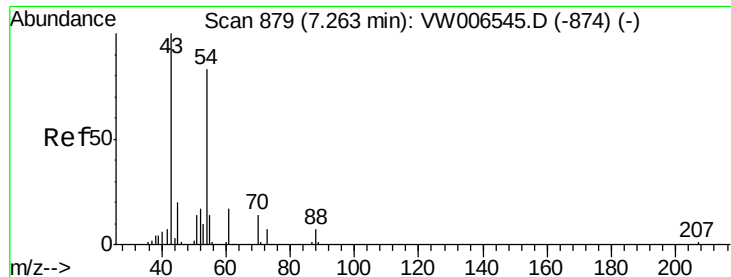
Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

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





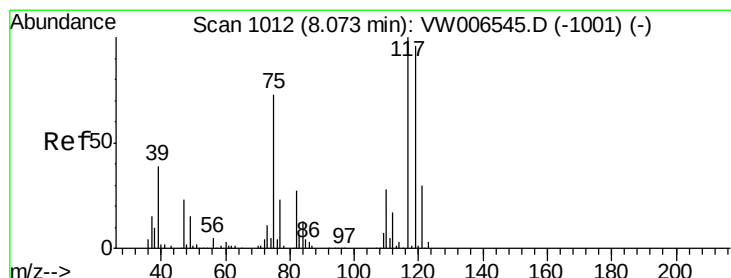
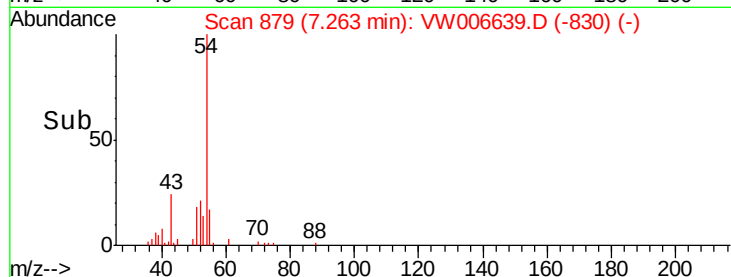
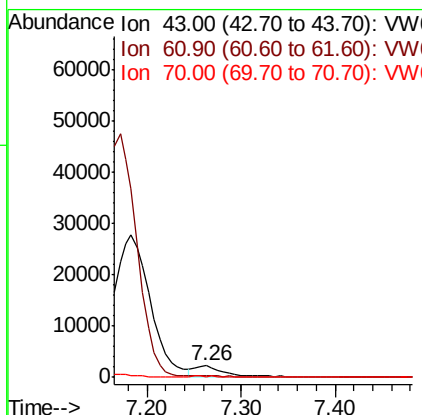
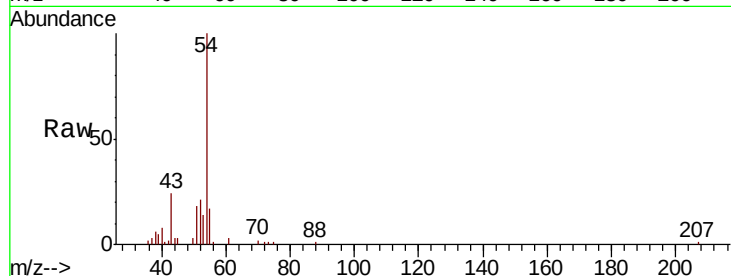
#37
Ethyl Acetate
Concen: 7.636 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	6.1	9.8	14.6#

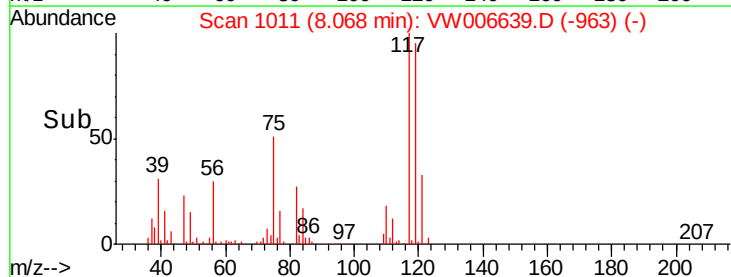
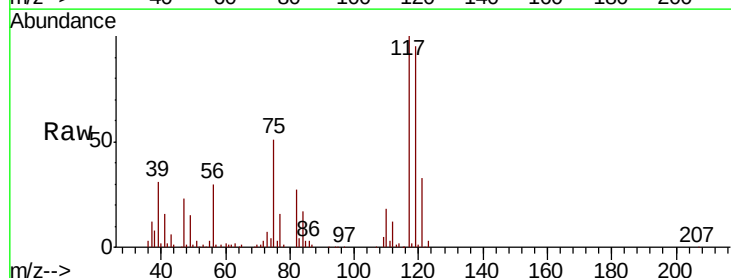
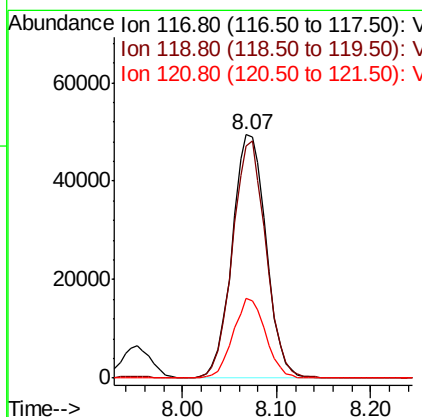
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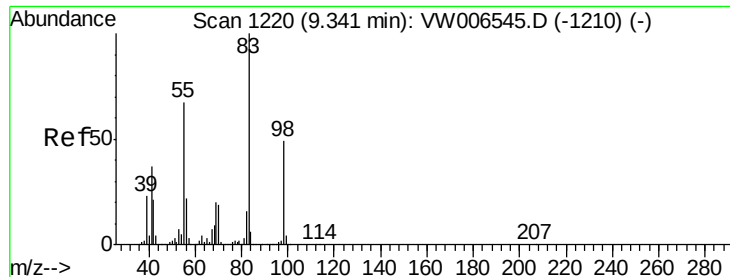
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#38
Carbon Tetrachloride
Concen: 55.568 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

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





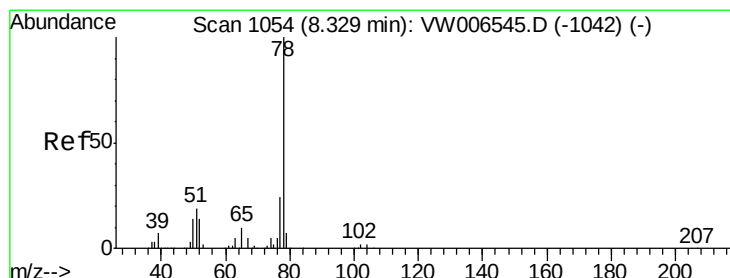
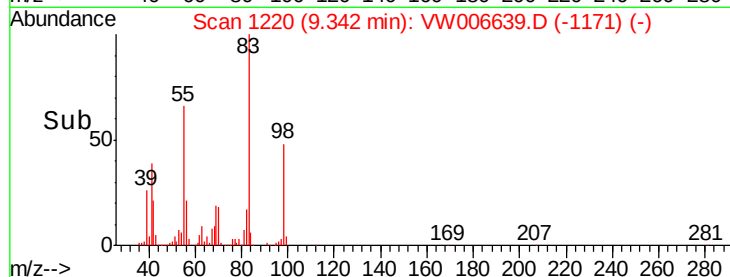
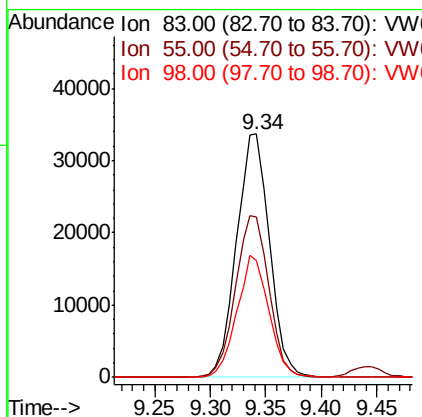
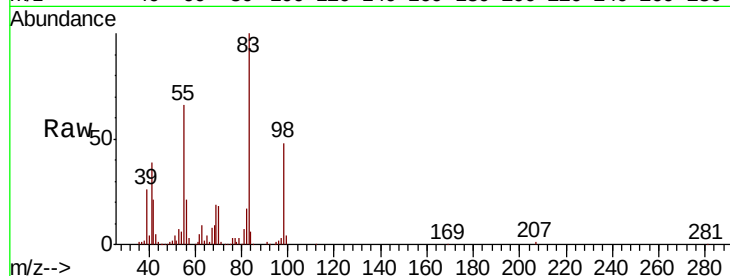
#39
Methylvlcyclohexane
Concen: 25.487 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

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

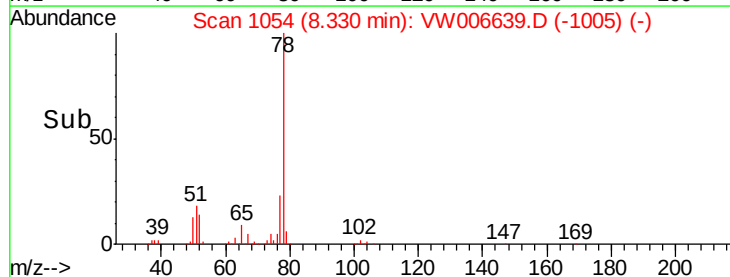
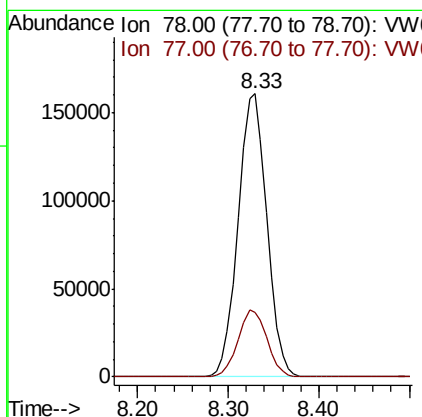
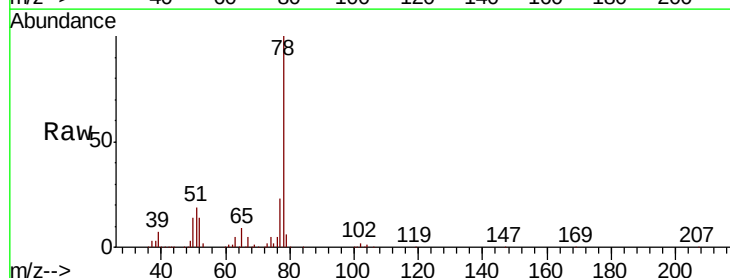
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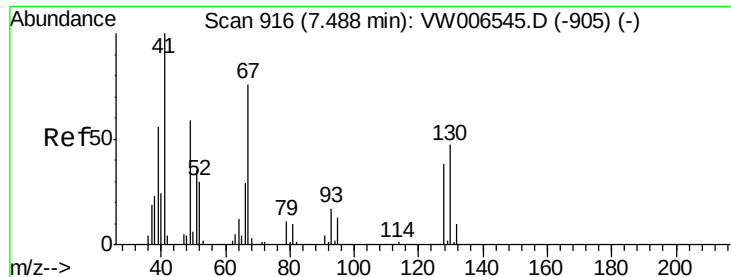
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#40
Benzene
Concen: 57.987 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

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





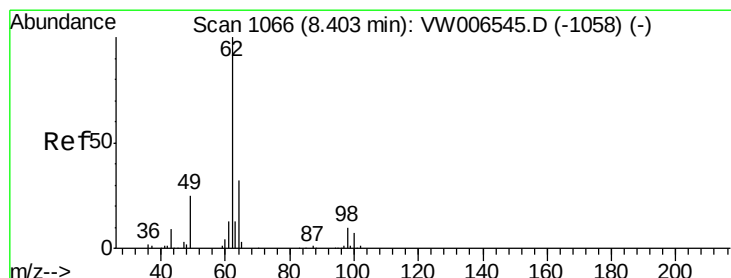
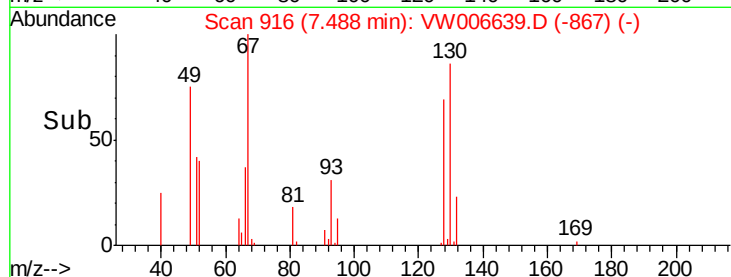
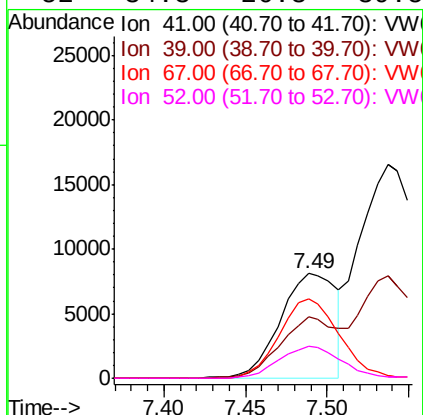
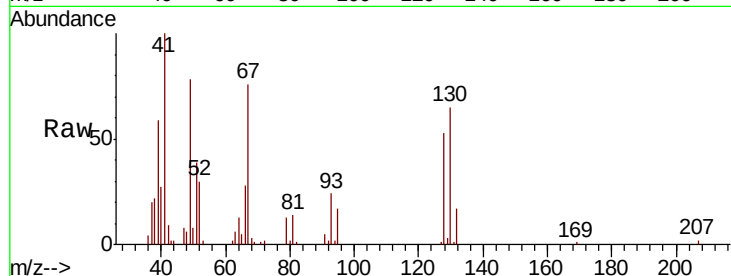
#41
Methacrylonitrile
Concen: 42.583 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

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

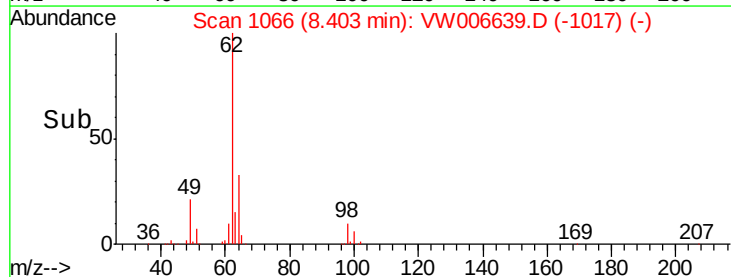
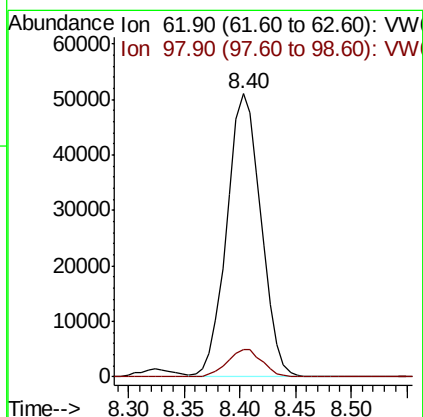
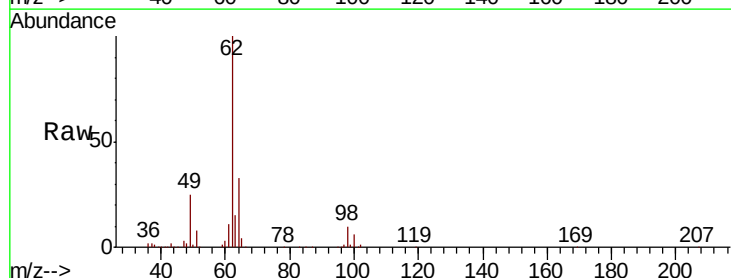
Manual Integrations
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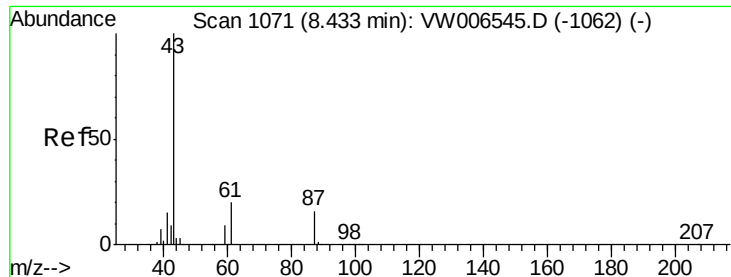
apatel
11/6/2018 8:15:23 AM



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

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





#43

Isopropyl Acetate

Concen: 12.554 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

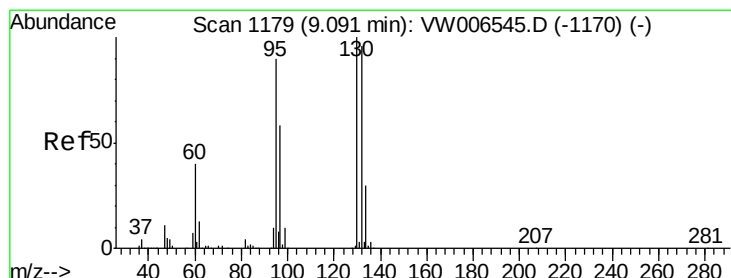
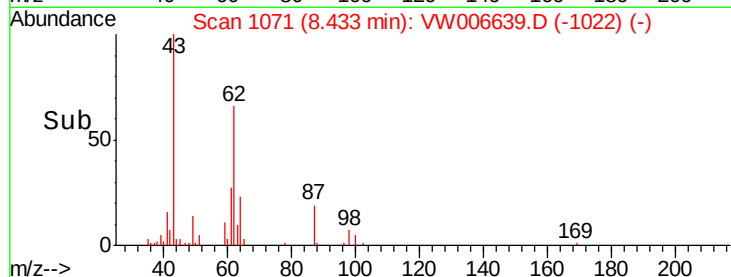
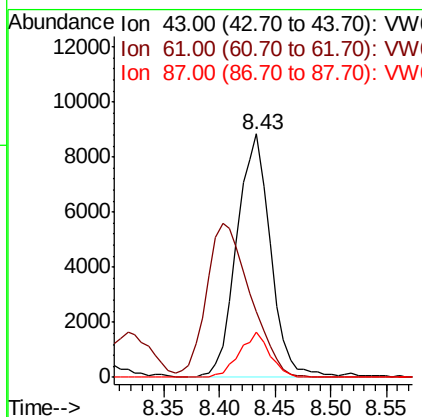
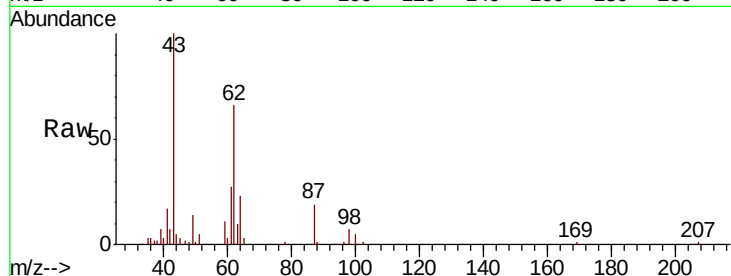
ClientSampleId :

DL-SED-01MSD

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

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#44

Trichloroethene

Concen: 48.663 ug/l

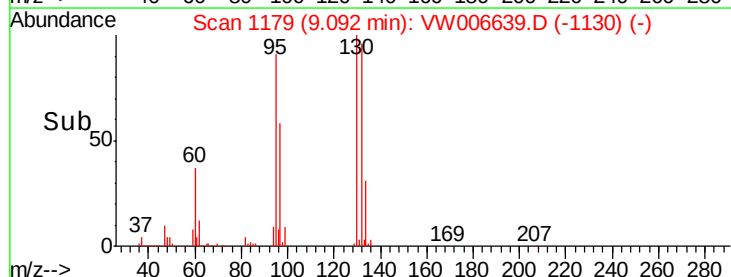
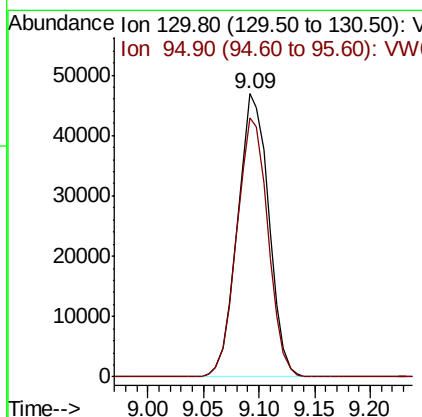
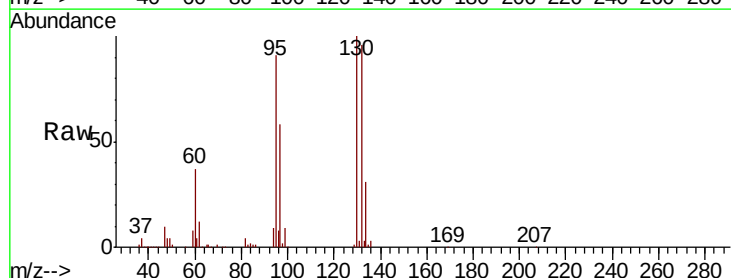
RT: 9.09 min Scan# 1179

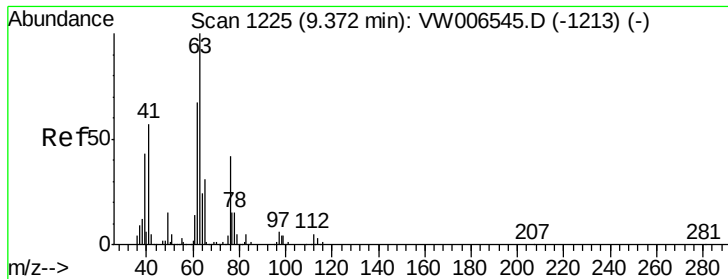
Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

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





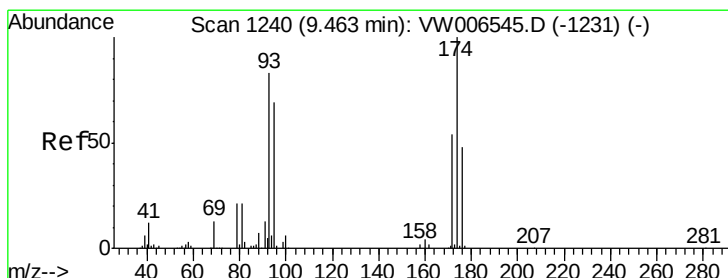
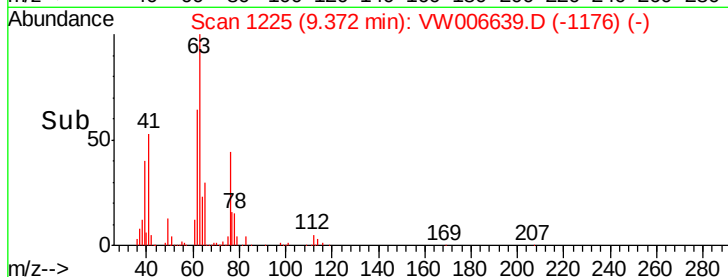
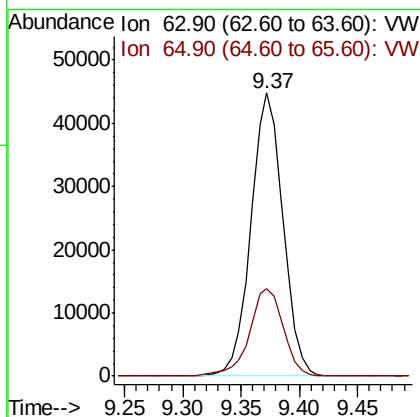
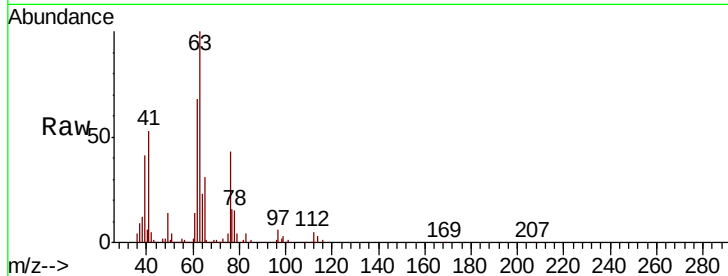
#45
 1,2-Dichloropropane
 Concen: 60.642 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.1	37.7

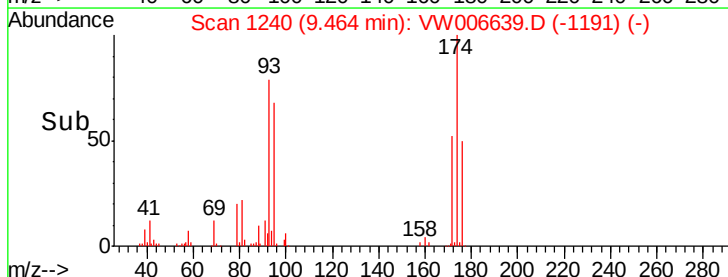
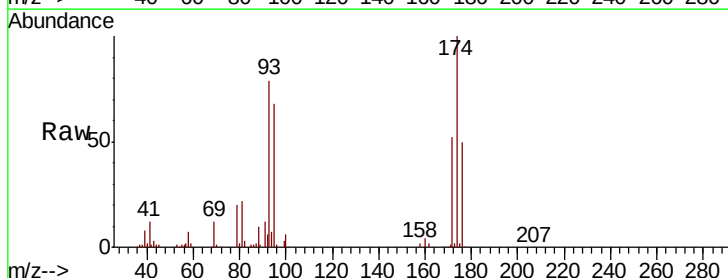
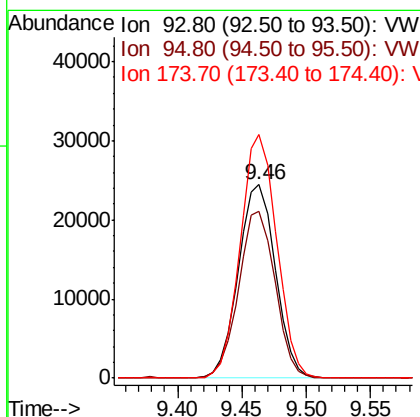
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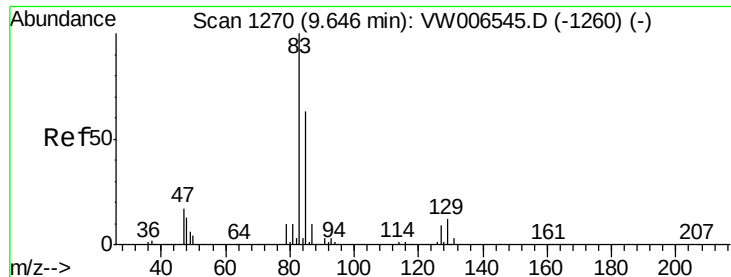
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#46
 Dibromomethane
 Concen: 58.639 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.2	100.8
174	123.6	97.3	145.9





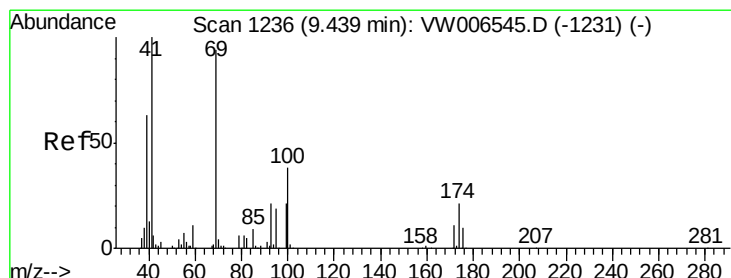
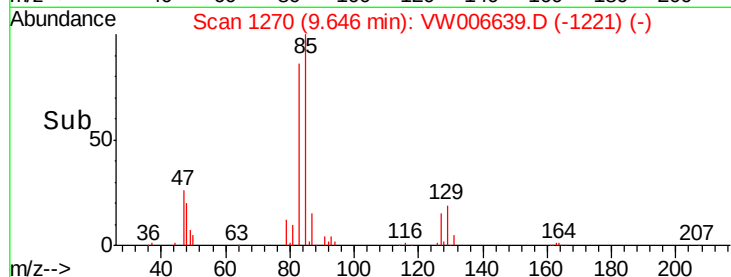
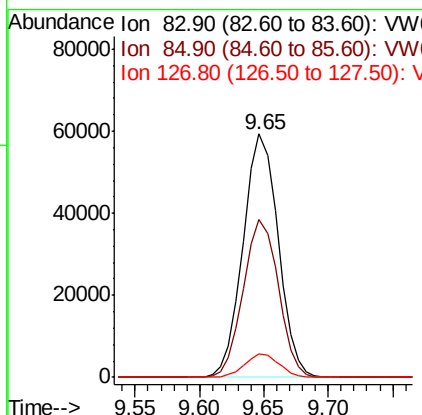
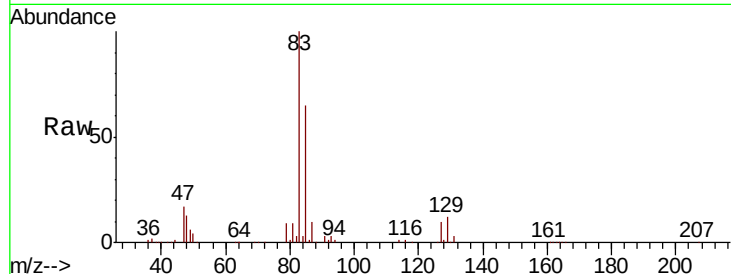
#47
Bromodichloromethane
Concen: 57.988 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

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

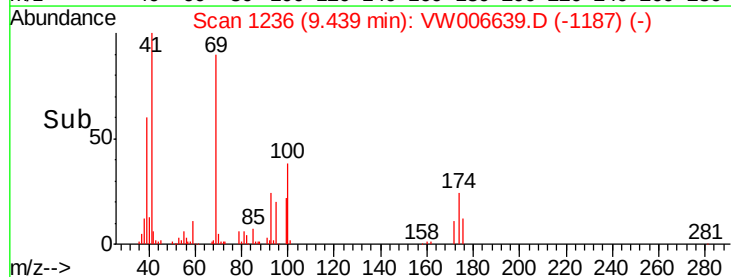
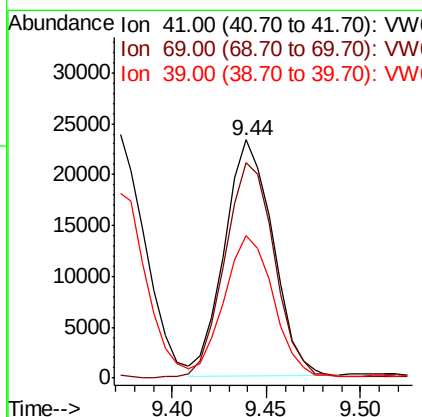
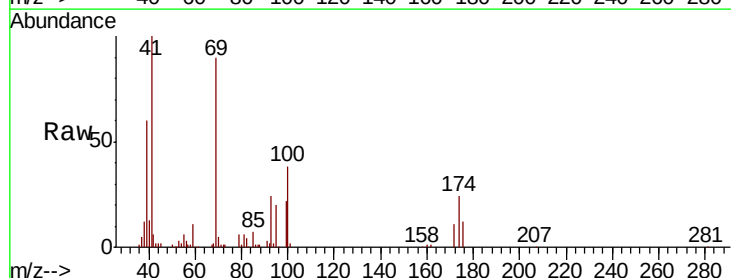
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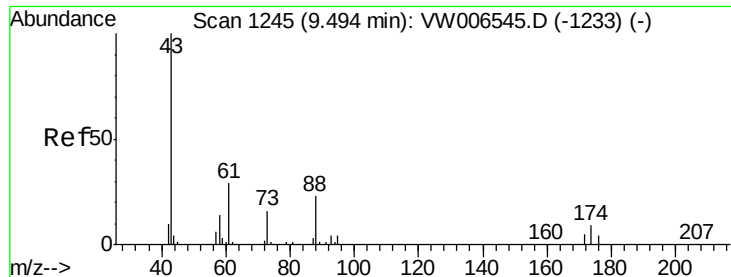
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#48
Methyl methacrylate
Concen: 57.425 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

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





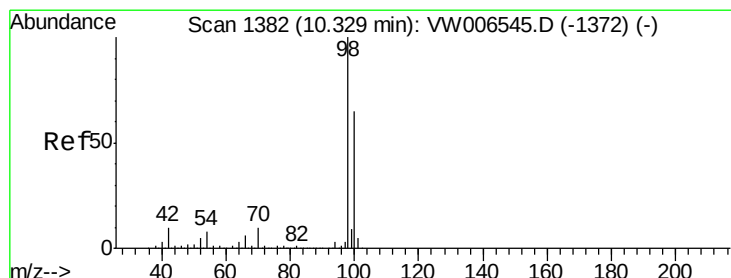
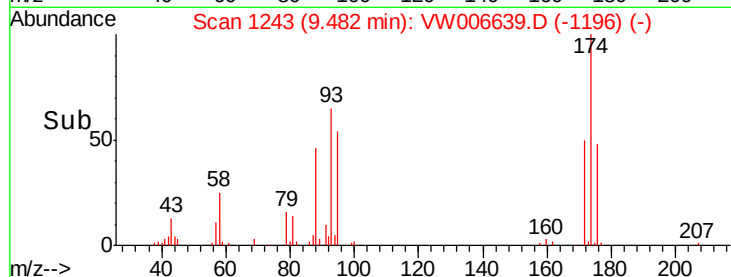
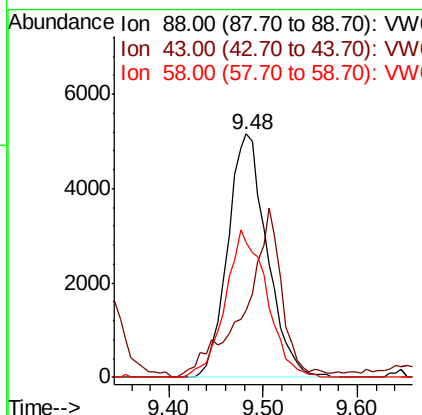
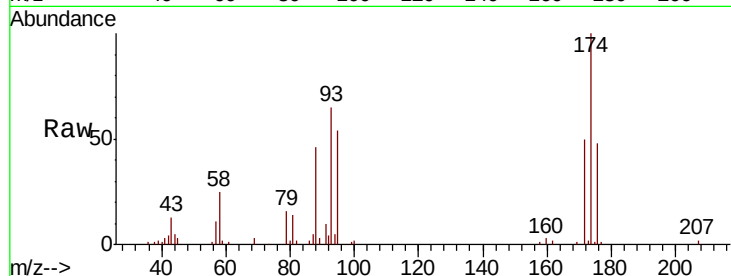
#49
1,4-Dioxane
Concen: 1228.938 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	64.0	51.4	77.2

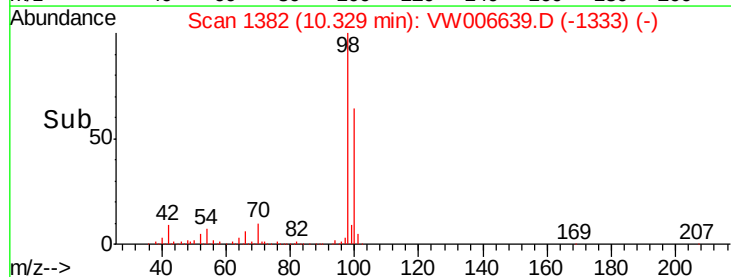
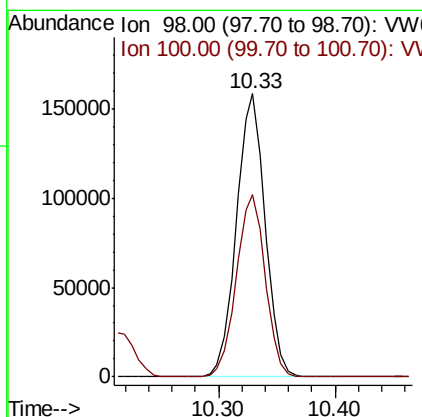
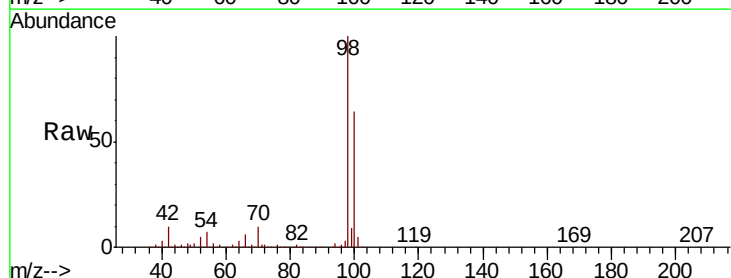
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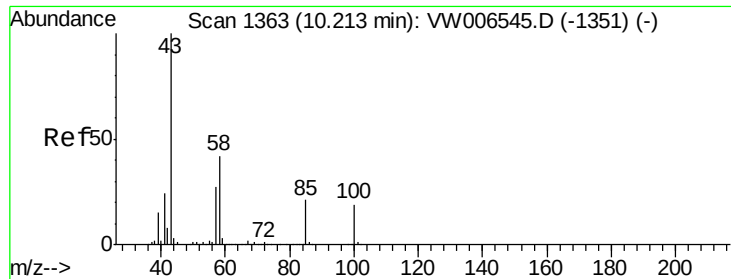
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#50
Toluene-d8
Concen: 46.655 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 297.041 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 43 Resp: 226057

Ion Ratio Lower Upper

43 100

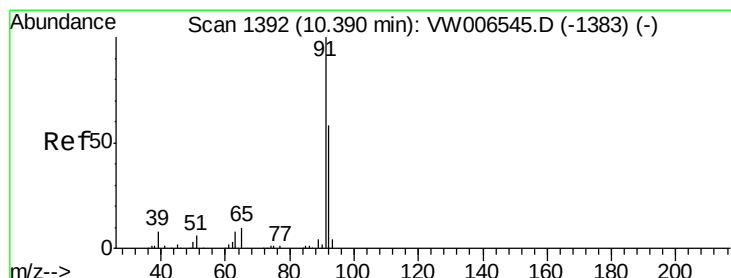
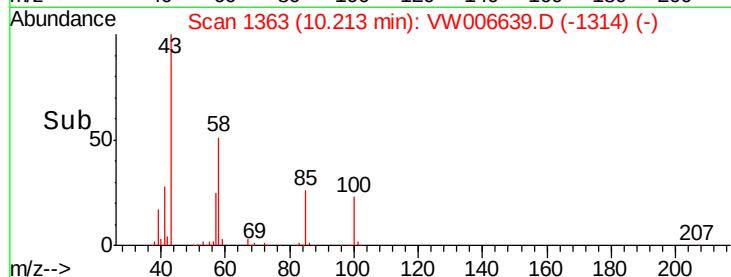
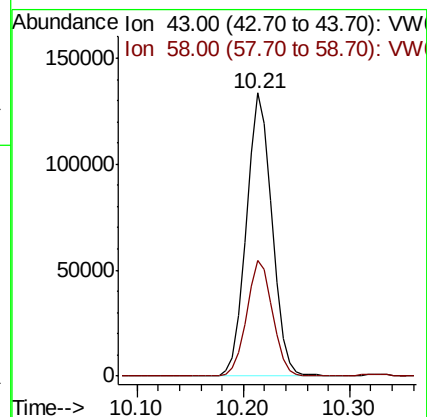
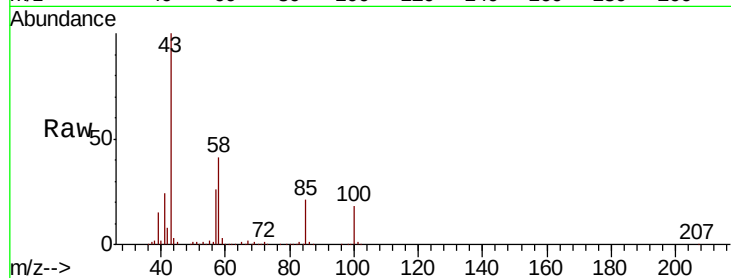
58 41.4 33.4 50.0

Manual Integrations

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#52

Toluene

Concen: 48.016 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006639.D

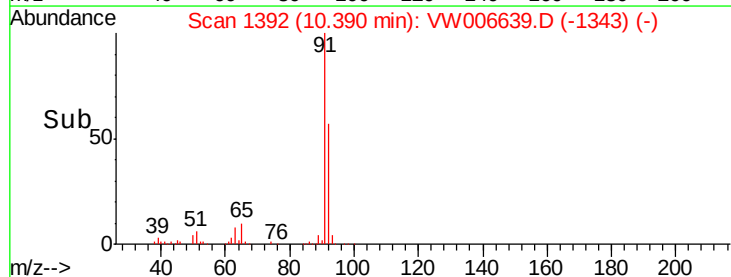
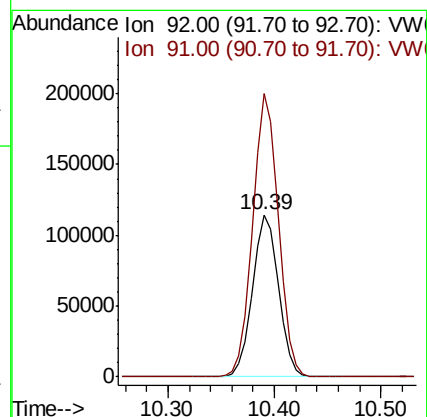
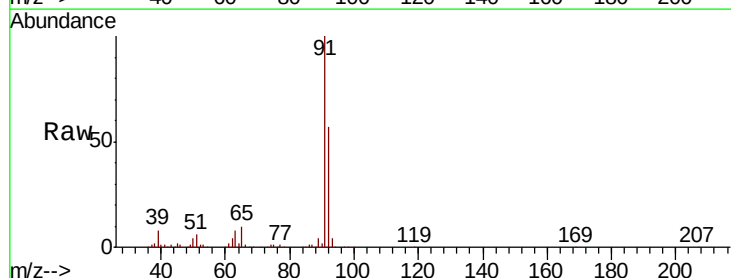
Acq: 05 Nov 2018 16:32

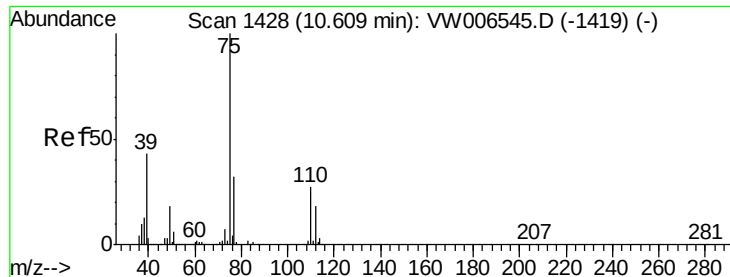
Tgt Ion: 92 Resp: 196014

Ion Ratio Lower Upper

92 100

91 172.9 138.6 208.0





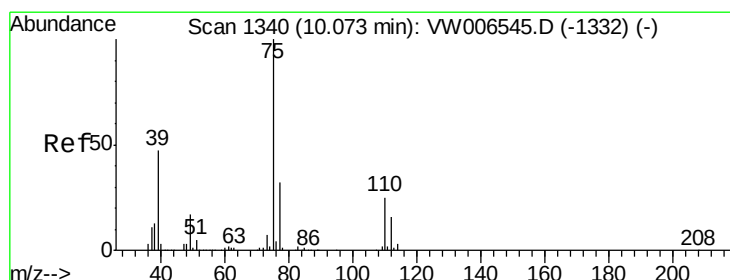
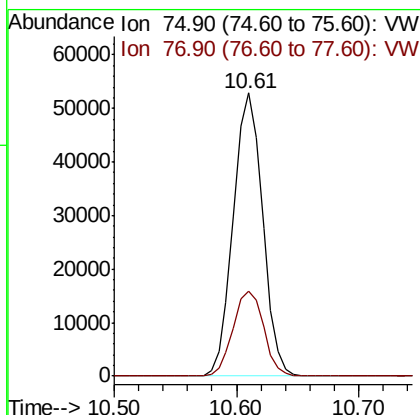
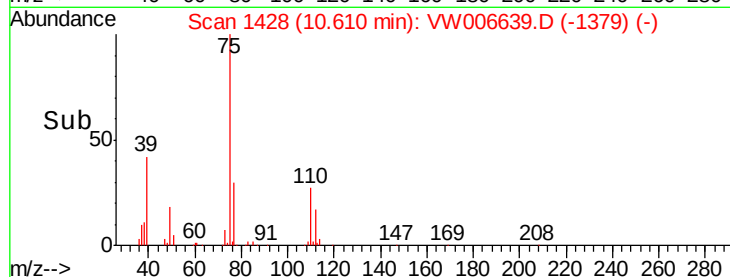
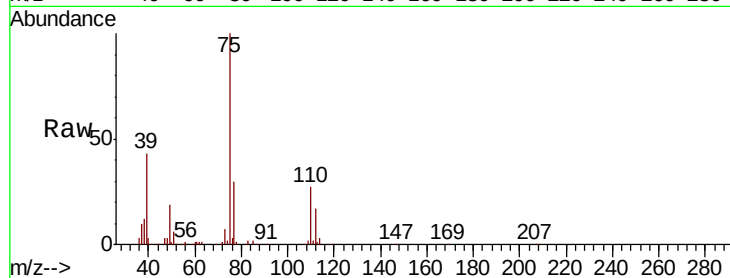
#53
 t-1,3-Dichloropropene
 Concen: 47.224 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tot Ion: 75 Resp: 87866
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.6 38.4

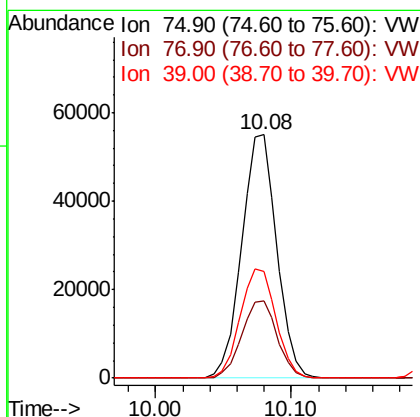
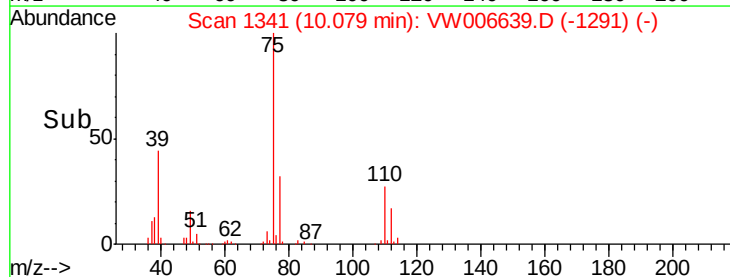
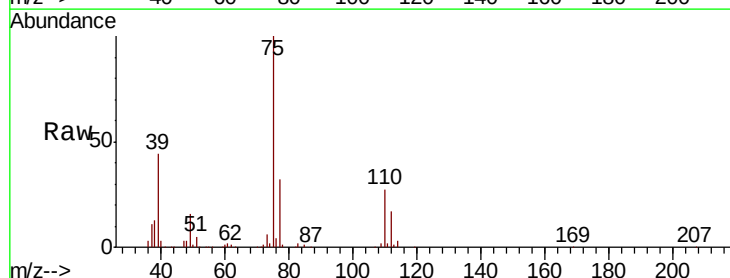
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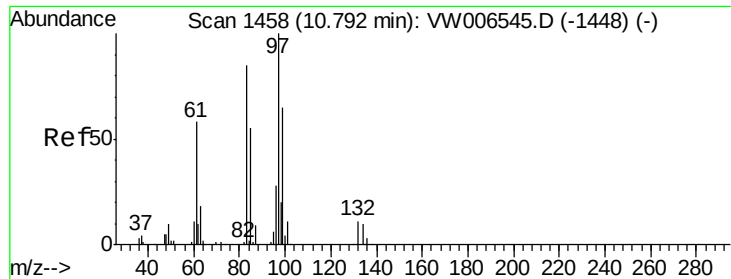
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#54
 cis-1,3-Dichloropropene
 Concen: 45.023 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Tgt Ion: 75 Resp: 98993
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5
 39 43.8 37.3 55.9





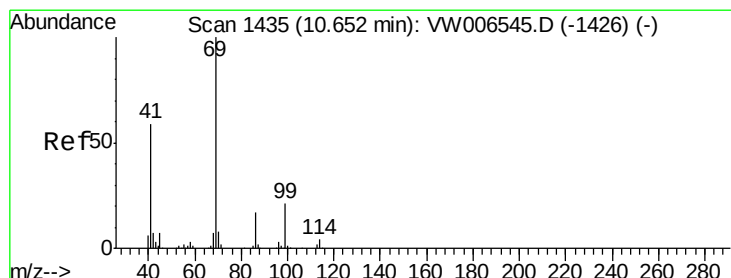
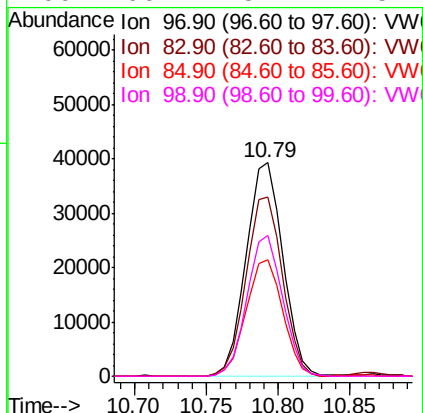
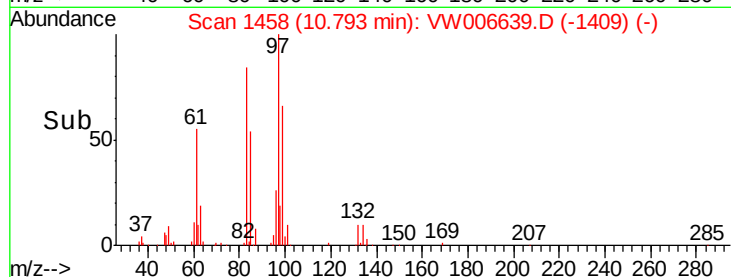
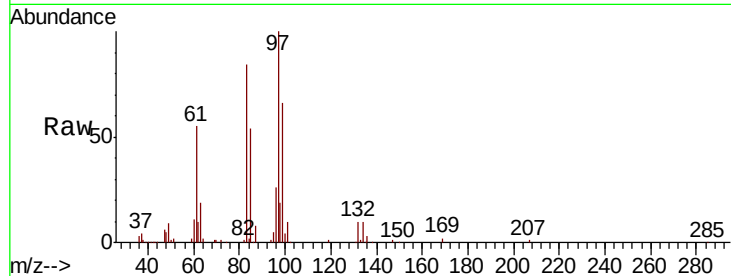
#55
 1,1,2-Trichloroethane
 Concen: 58.851 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

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

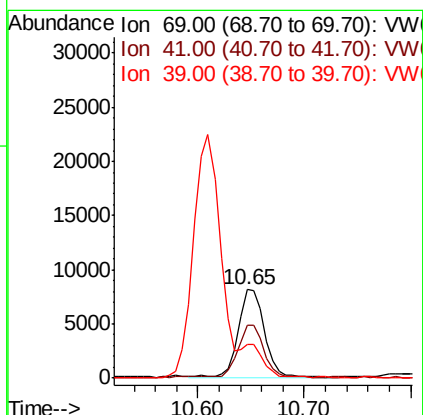
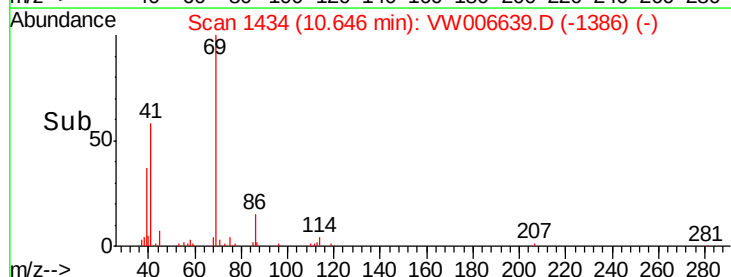
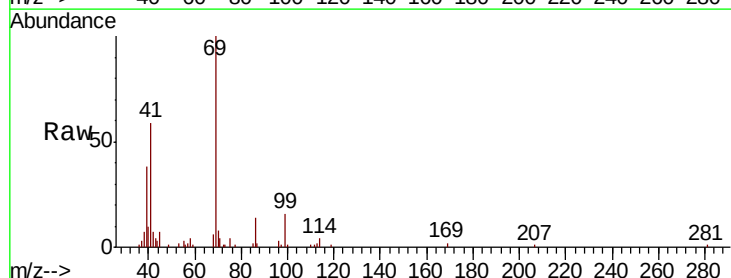
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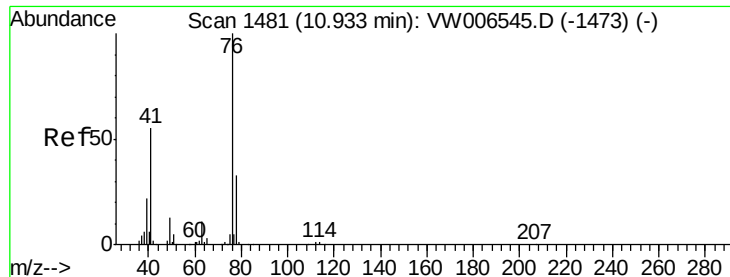
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#56
 Ethyl methacrylate
 Concen: 10.390 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

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





#57

1,3-Dichloropropane

Concen: 56.680 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 76 Resp: 108731

Ion Ratio Lower Upper

76 100

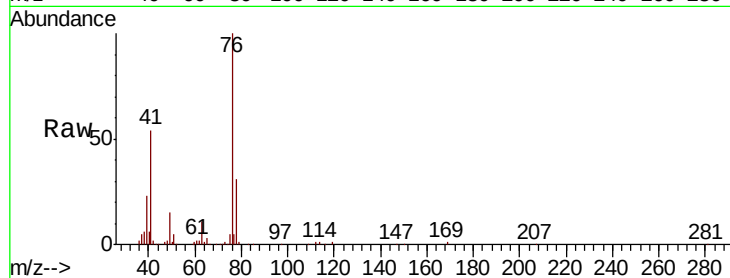
78 32.5 26.2 39.4

Manual Integrations

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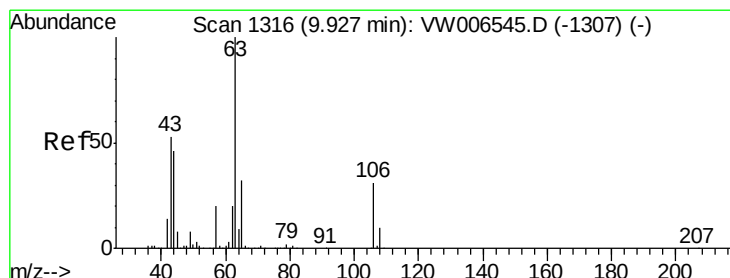
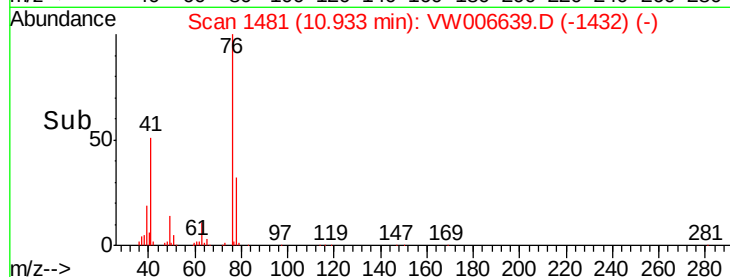
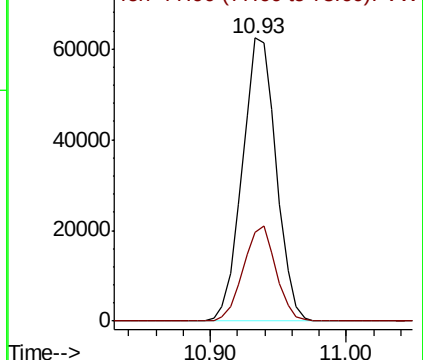
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 234.543 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006639.D

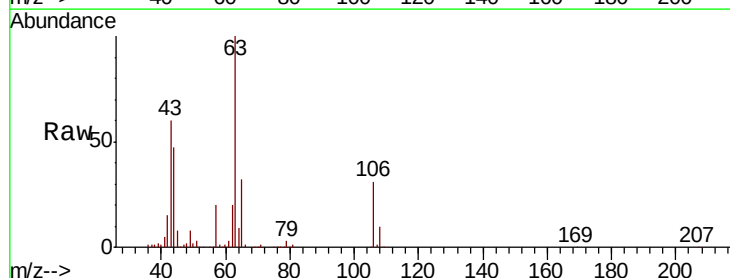
Acq: 05 Nov 2018 16:32

Tgt Ion: 63 Resp: 153091

Ion Ratio Lower Upper

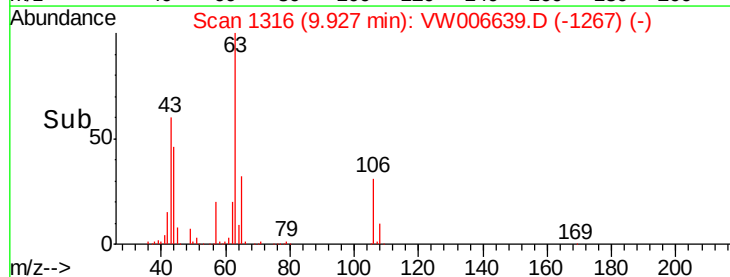
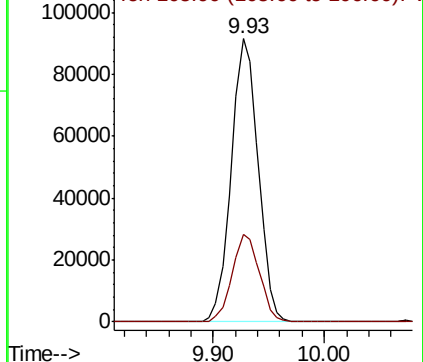
63 100

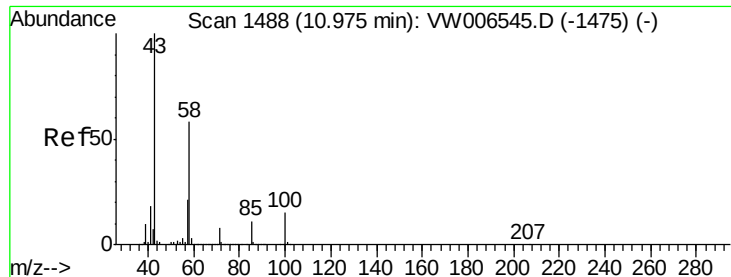
106 31.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





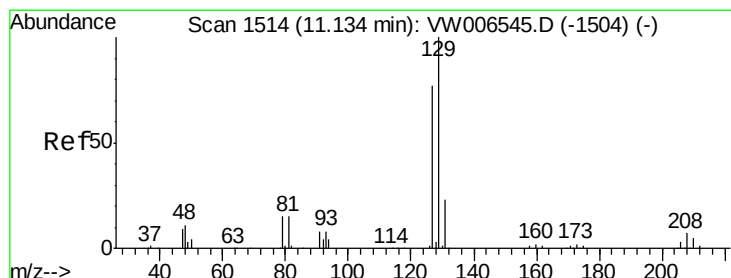
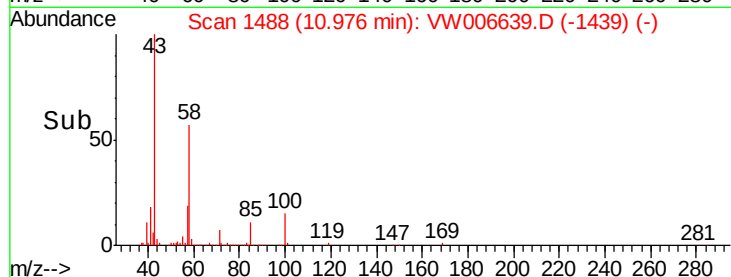
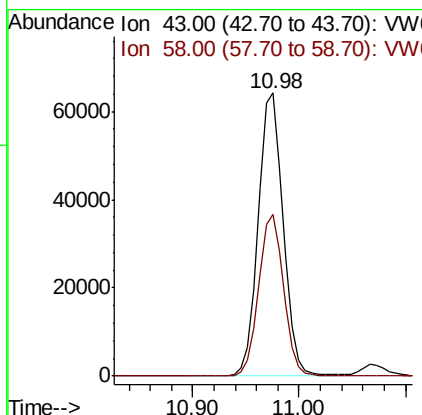
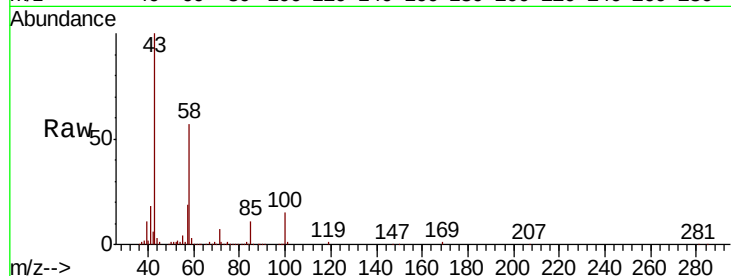
#59
2-Hexanone
Concen: 205.257 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

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

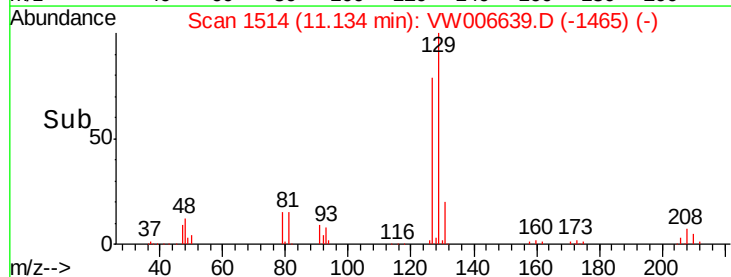
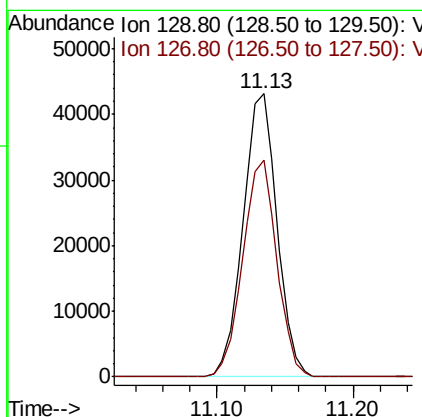
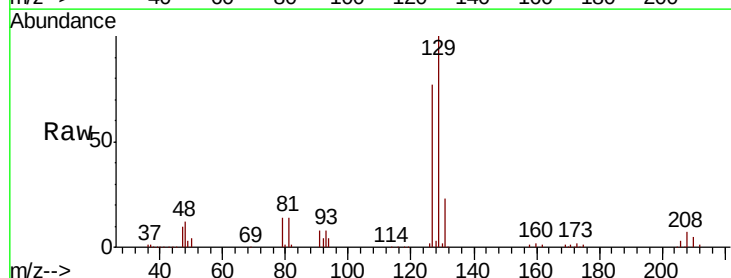
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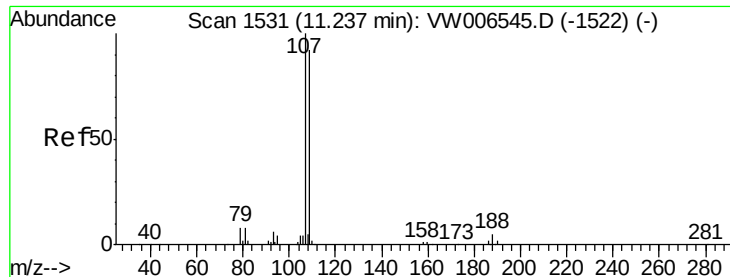
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#60
Dibromochloromethane
Concen: 53.945 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

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





#61

1,2-Dibromoethane

Concen: 52.435 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 107 Resp: 61515

Ion Ratio Lower Upper

107 100

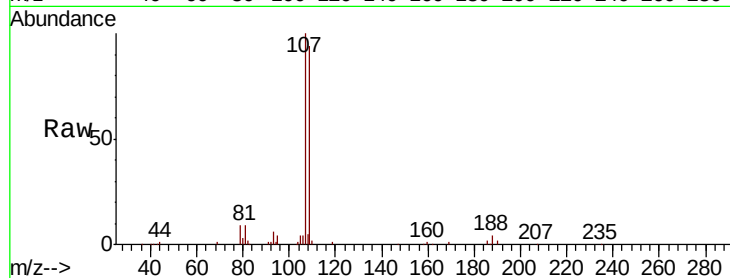
109 95.0 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

40000

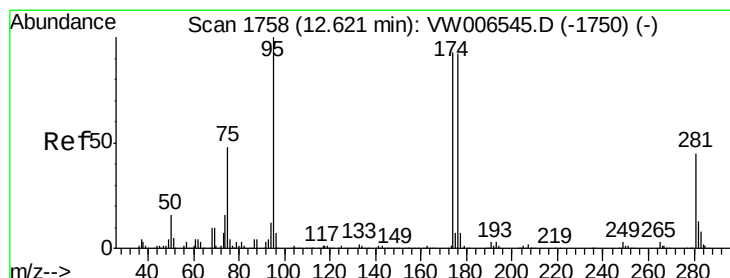
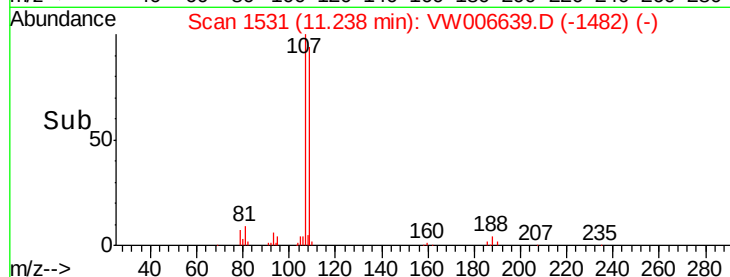
30000

20000

10000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 31.150 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

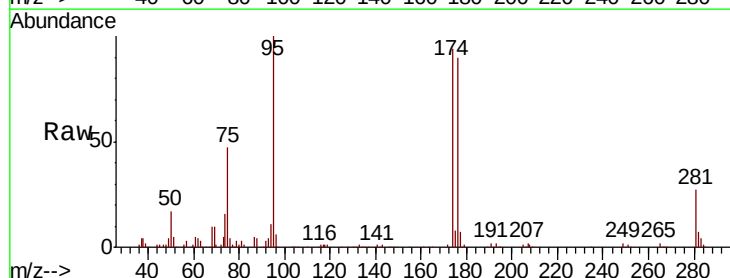
Tgt Ion: 95 Resp: 65742

Ion Ratio Lower Upper

95 100

174 96.9 0.0 192.4

176 95.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

50000

40000

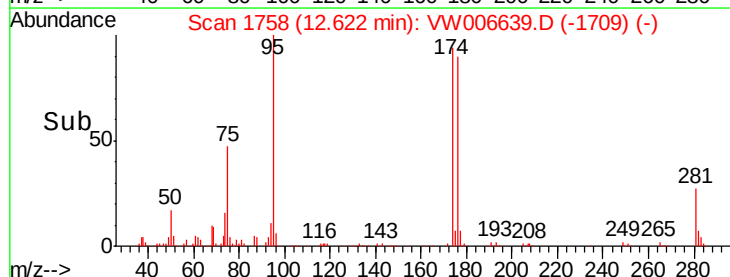
30000

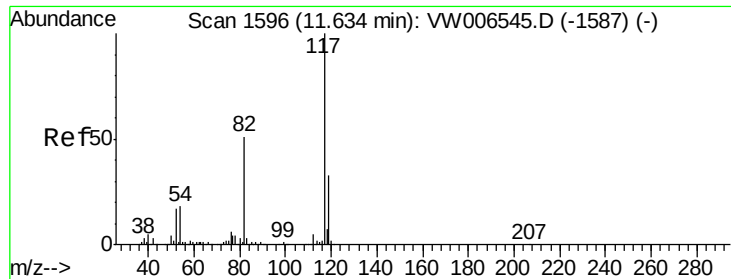
20000

10000

0

Time--> 12.55 12.60 12.65 12.70





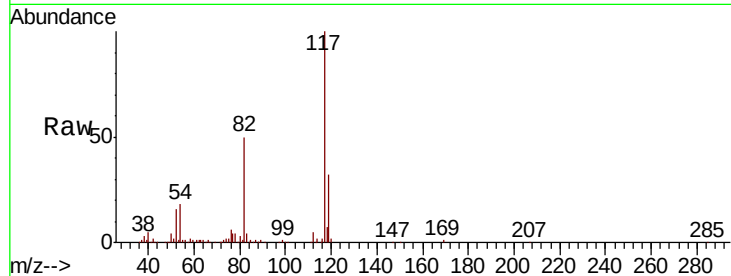
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampled :
DL-SED-01MSD

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

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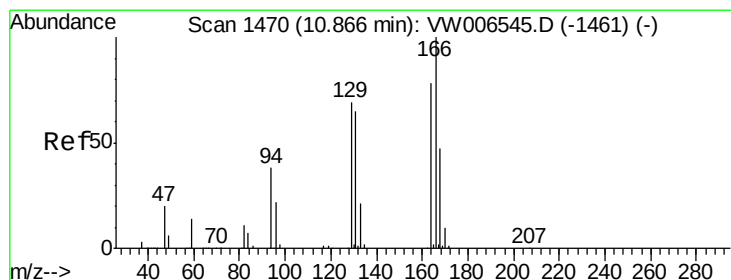
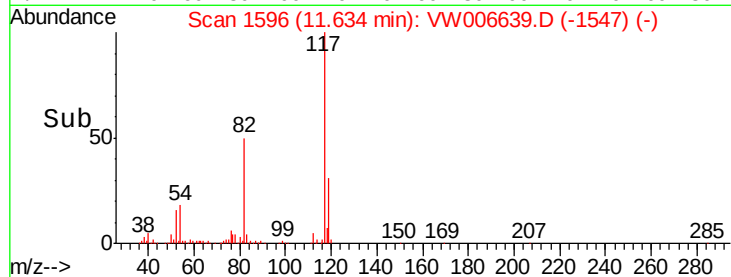
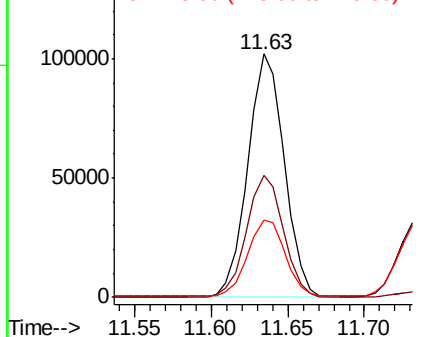


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



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

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

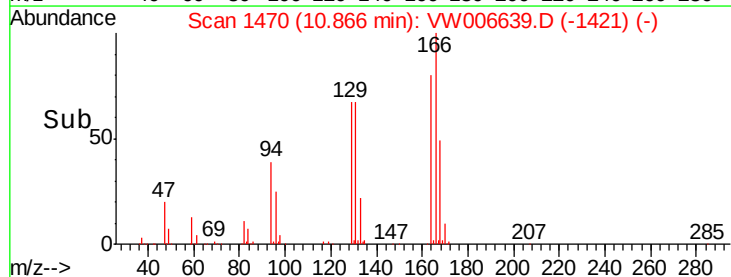
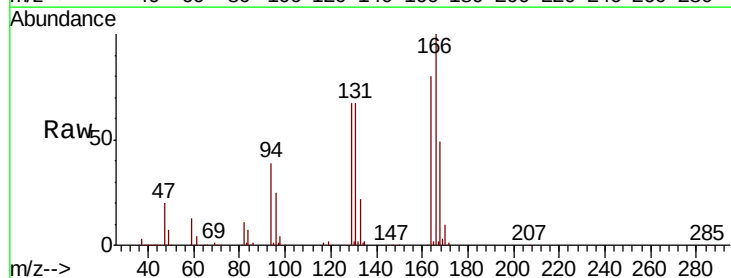
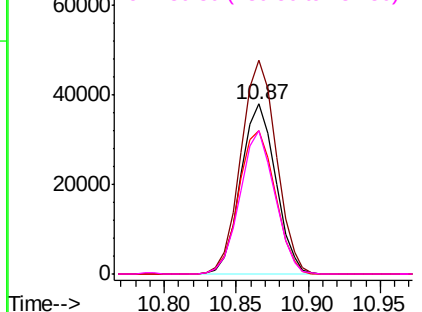
Abundance

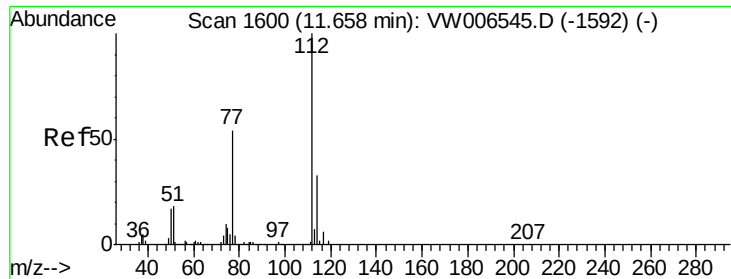
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 53.290 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion:112 Resp: 189880

Ion Ratio Lower Upper

112 100

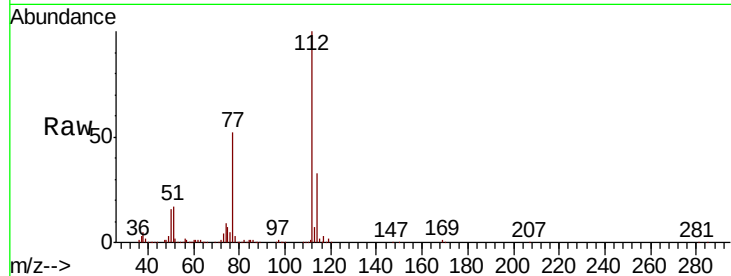
114 32.8 26.2 39.2

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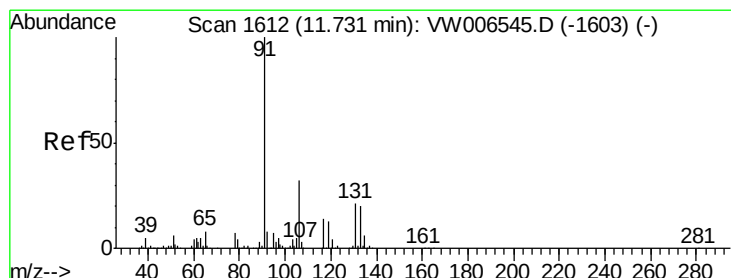
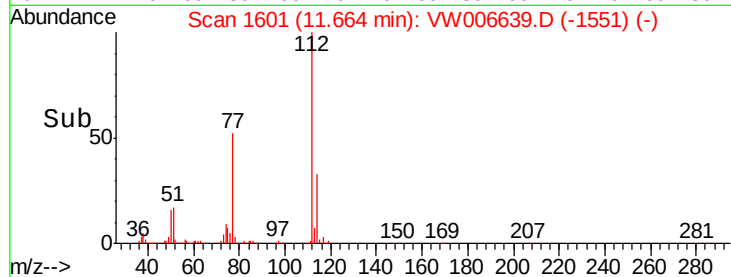
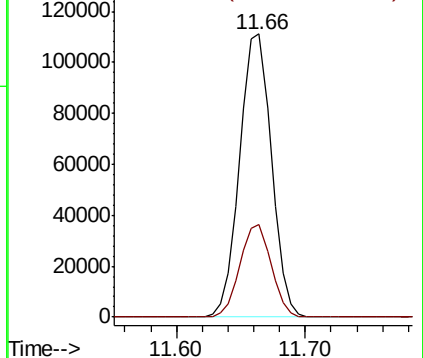
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 64.782 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

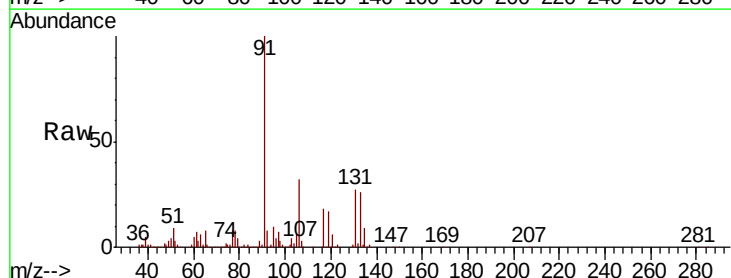
Tgt Ion:131 Resp: 81132

Ion Ratio Lower Upper

131 100

133 94.6 47.5 142.5

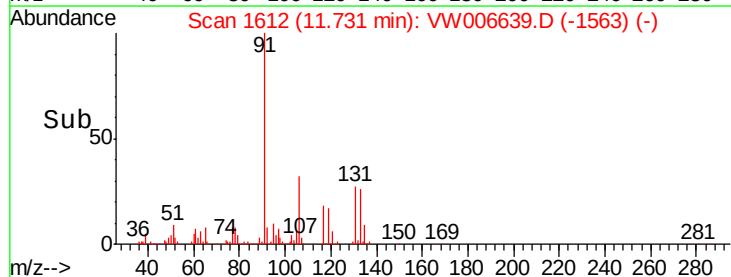
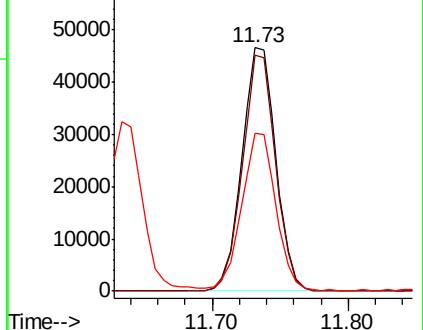
119 65.1 31.9 95.5

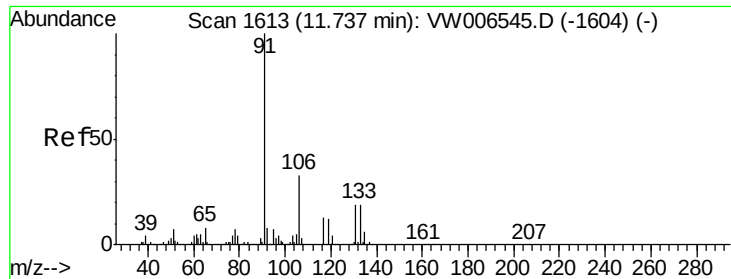


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.017 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 91 Resp: 297886

Ion Ratio Lower Upper

91 100

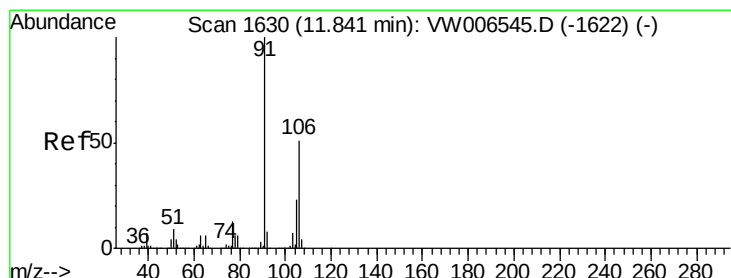
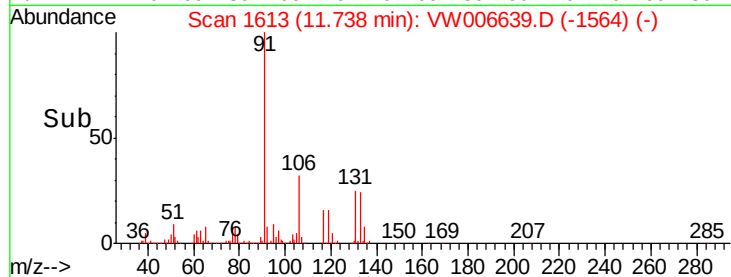
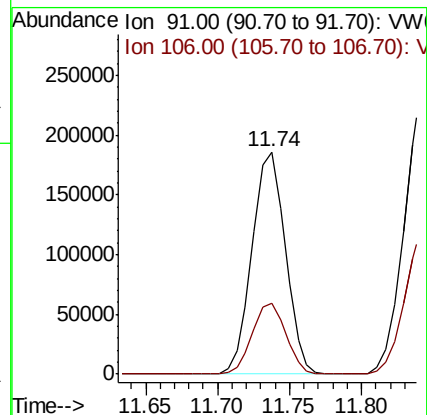
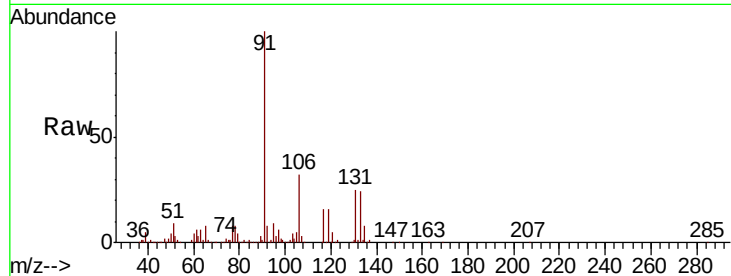
106 32.1 26.3 39.5

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#68

m/p-Xylenes

Concen: 97.170 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW006639.D

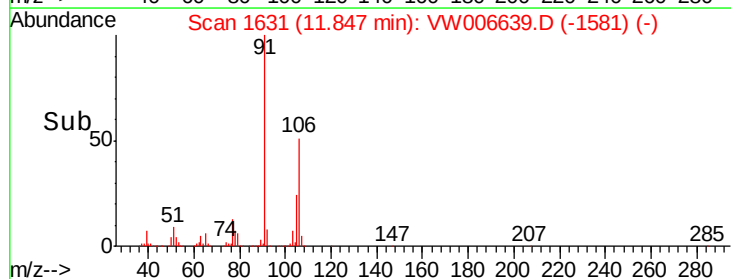
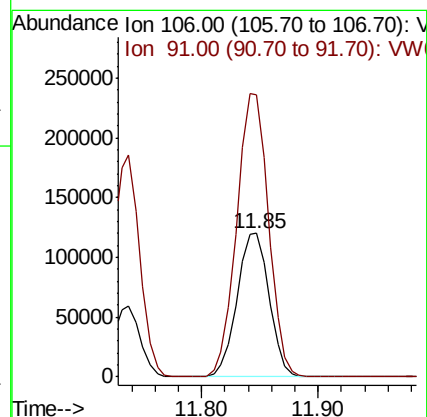
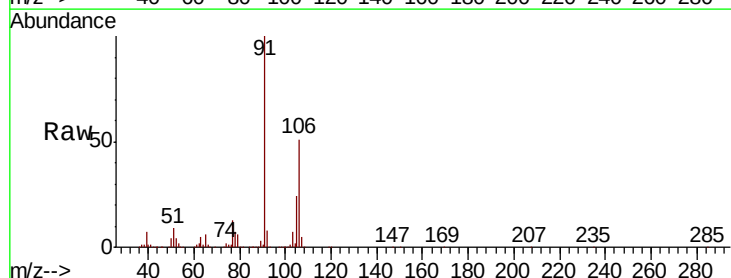
Acq: 05 Nov 2018 16:32

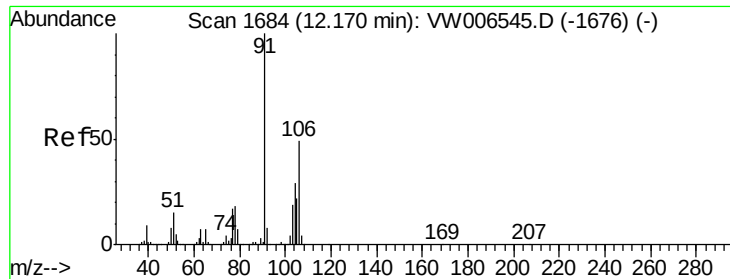
Tgt Ion: 106 Resp: 231208

Ion Ratio Lower Upper

106 100

91 195.4 156.7 235.1





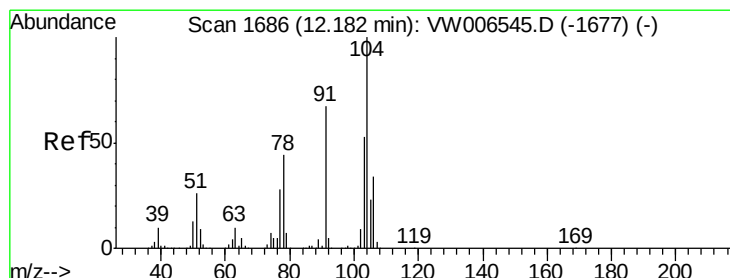
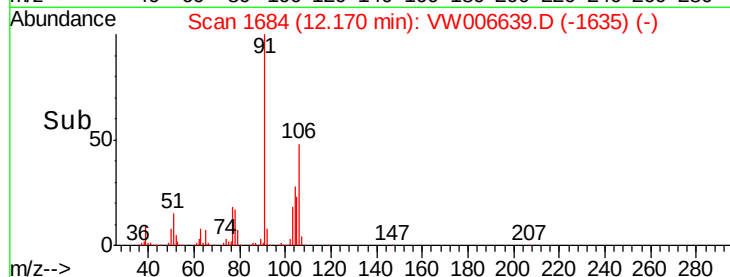
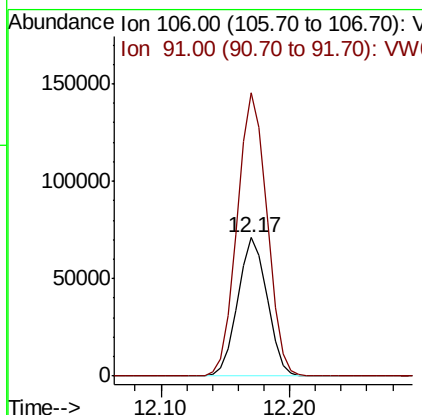
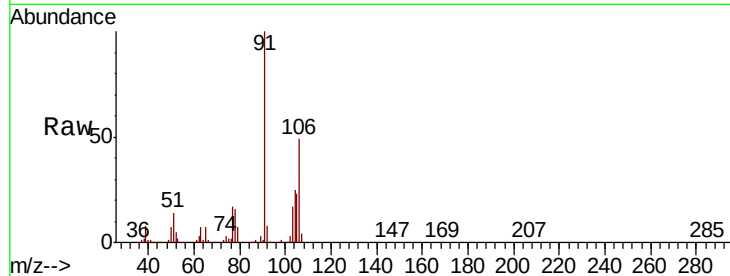
#69
o-Xylene
Concen: 49.699 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

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

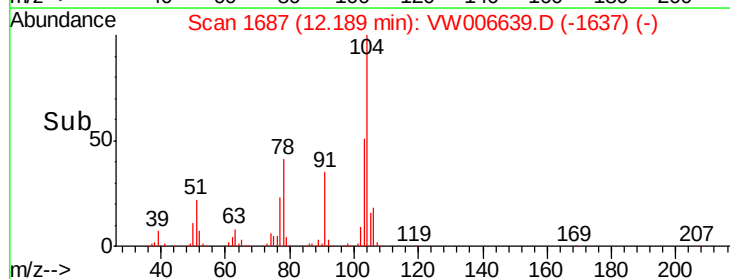
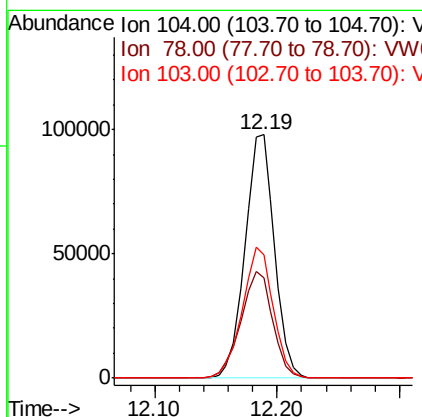
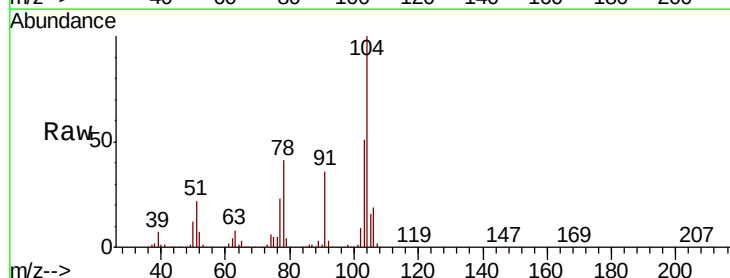
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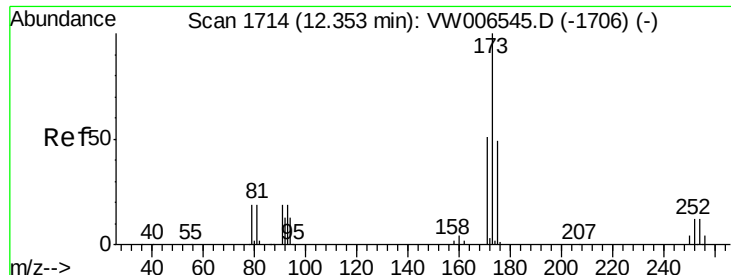
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#70
Styrene
Concen: 44.326 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

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





#71

Bromoform

Concen: 67.139 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion:173 Resp: 44572

Ion Ratio Lower Upper

173 100

175 47.1 24.1 72.4

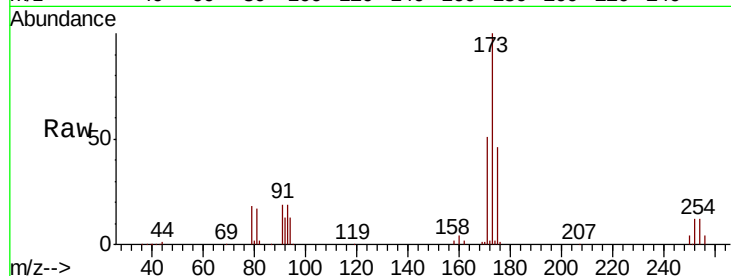
254 0.0 0.1 0.1#

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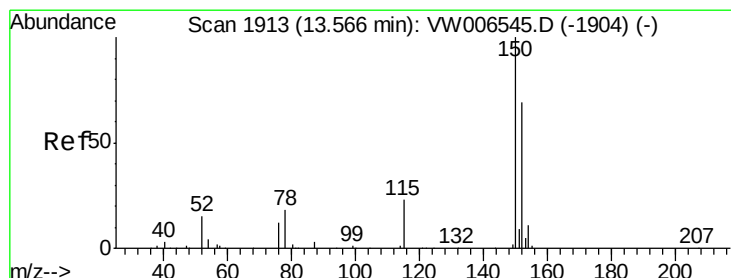
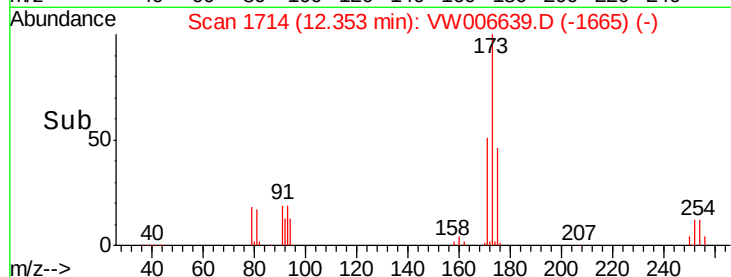
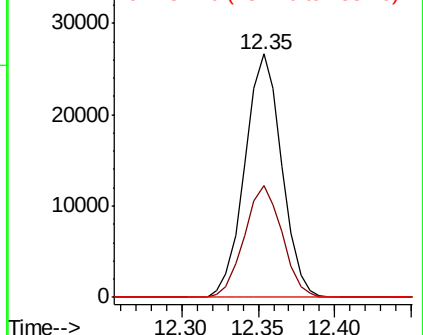
11/6/2018 8:15:23 AM



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: VW006639.D

Acq: 05 Nov 2018 16:32

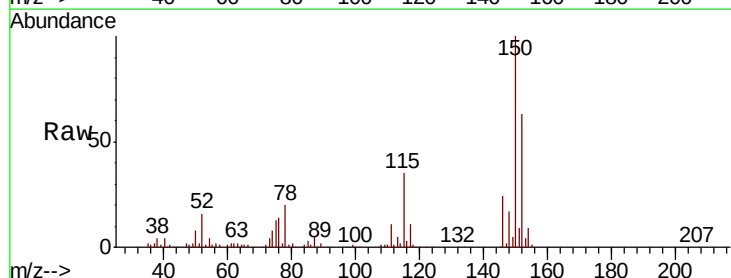
Tgt Ion:152 Resp: 55120

Ion Ratio Lower Upper

152 100

115 54.0 26.6 79.8

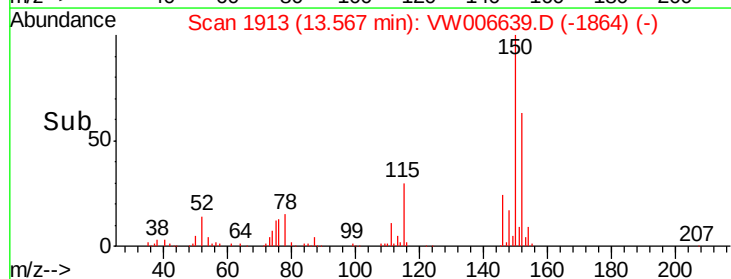
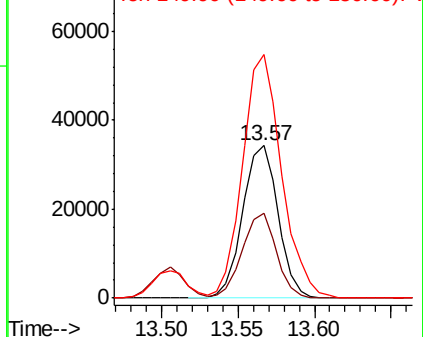
150 175.6 0.0 344.6

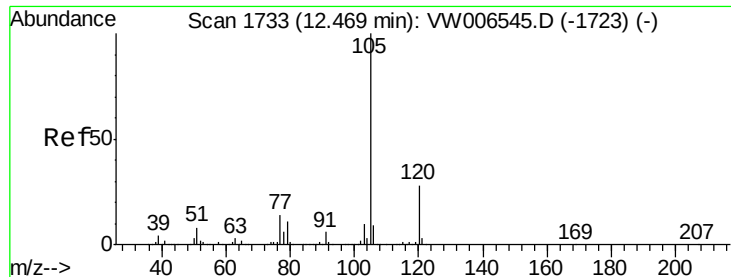


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





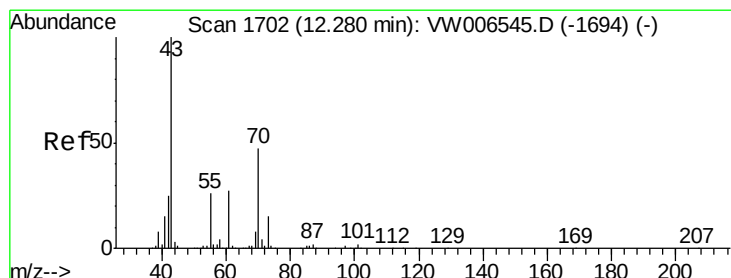
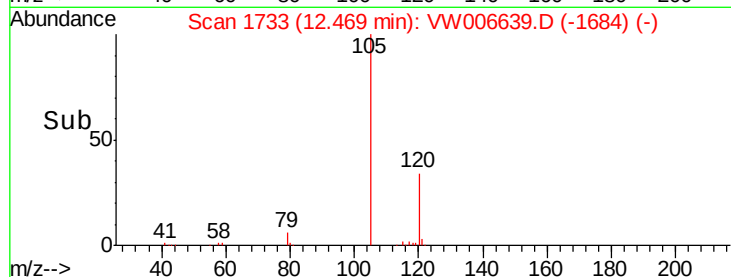
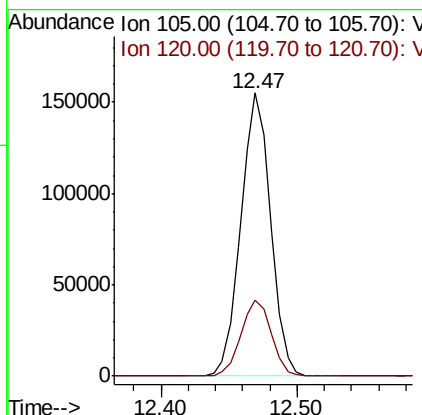
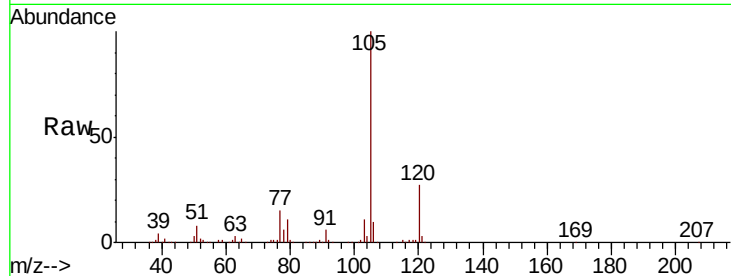
#73
Isopropylbenzene
Concen: 65.096 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.7	41.1

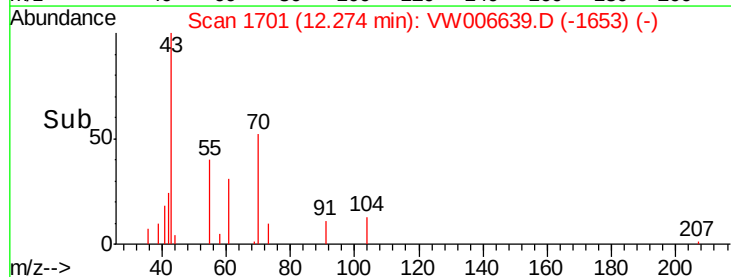
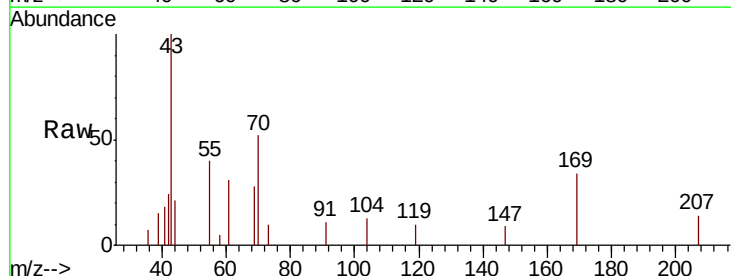
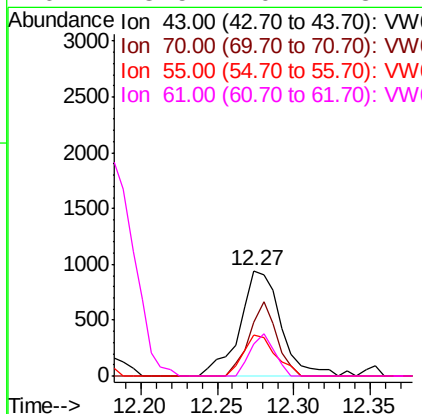
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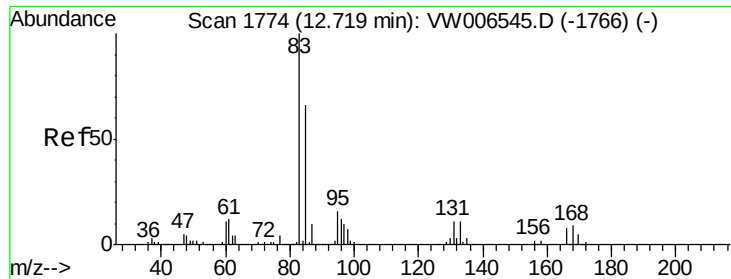
apatel
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#74
N-ethyl acetate
Concen: 2.811 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.1	36.9	55.3
55	30.3	20.7	31.1
61	23.5	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 114.863 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

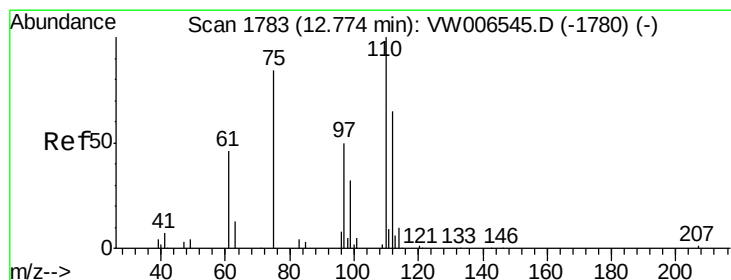
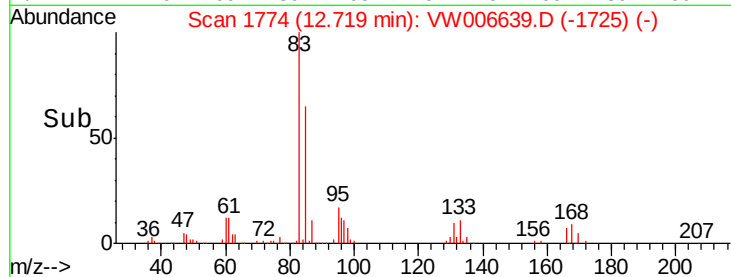
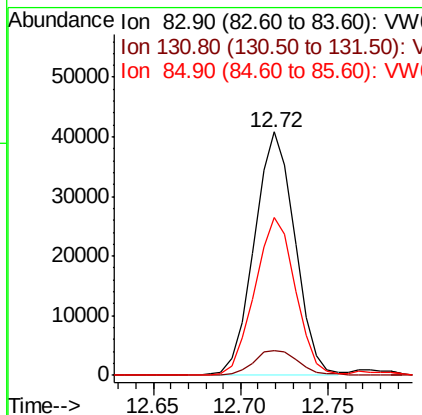
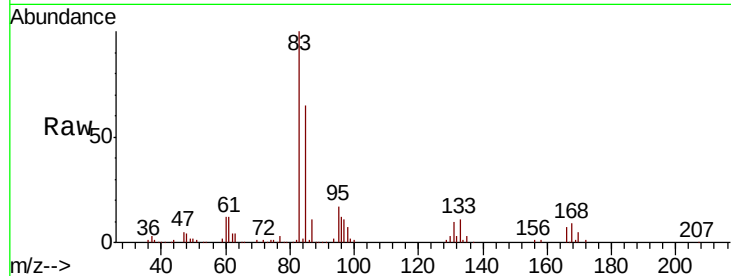
ClientSampled :

DL-SED-01MSD

Tot Ion:	83	Resp:	65873
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.9	17.7
85	64.9	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 123.299 ug/l m

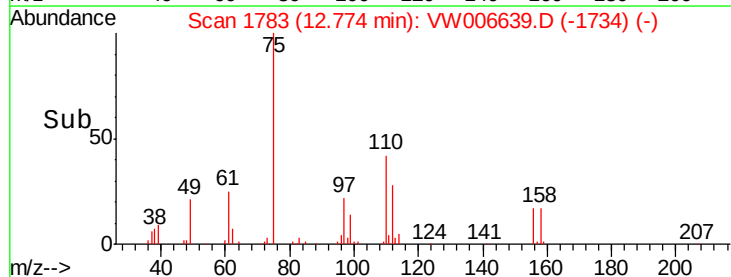
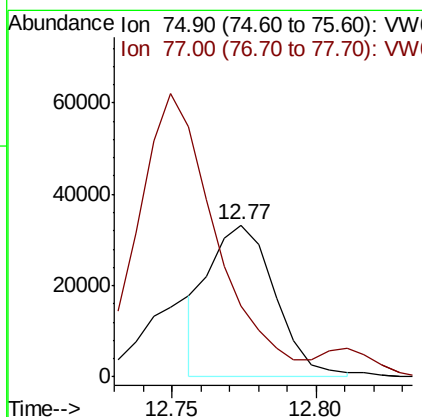
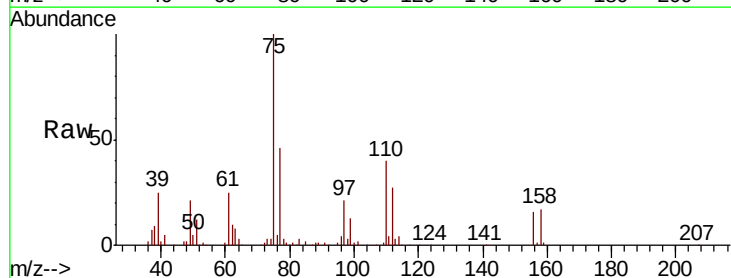
RT: 12.77 min Scan# 1783

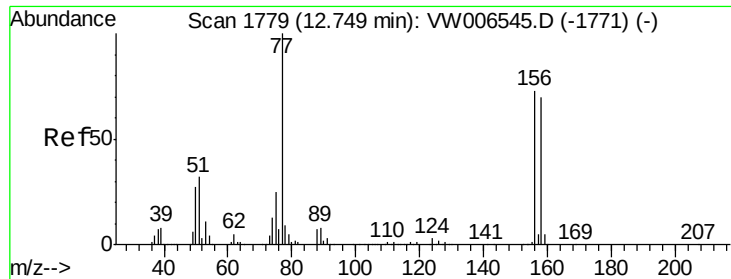
Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Tgt Ion:	75	Resp:	53026
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 76.817 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

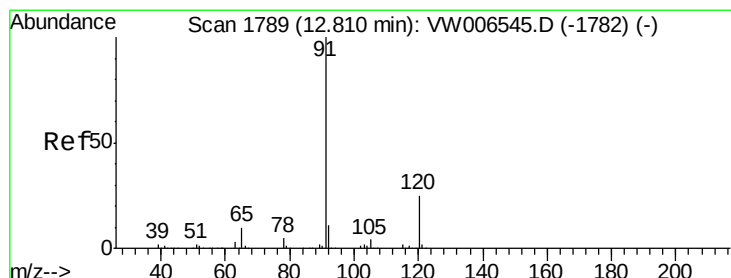
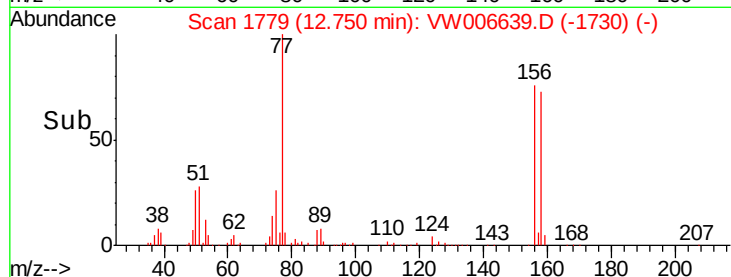
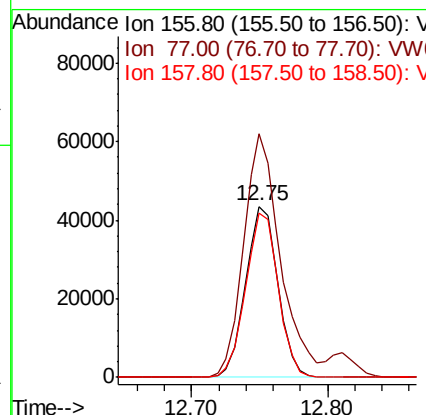
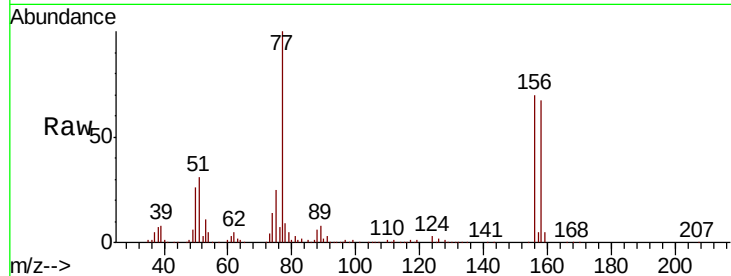
ClientSampleId :

DL-SED-01MSD

Tot Ion:	156	Resp:	72217
Ion	Ratio	Lower	Upper
156	100		
77	161.3	75.9	227.8
158	97.1	48.6	145.9

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#78

n-propylbenzene

Concen: 55.205 ug/l

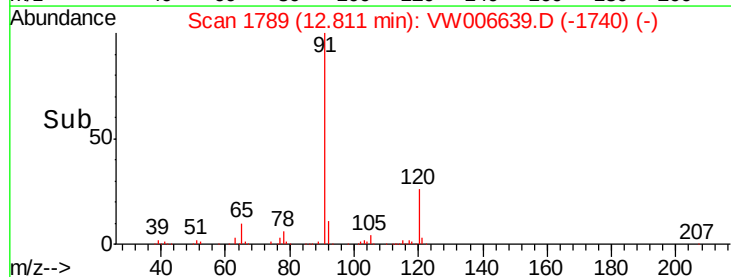
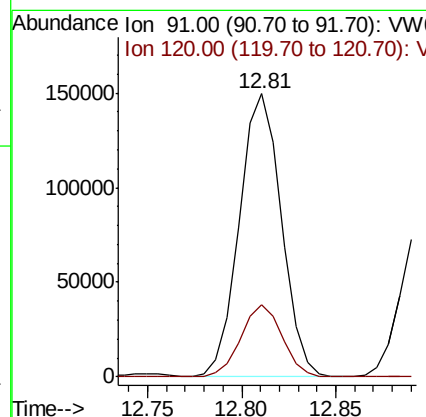
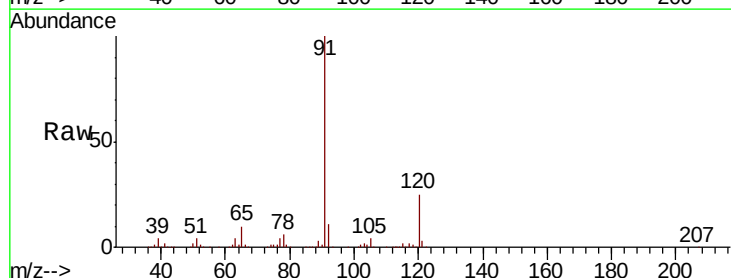
RT: 12.81 min Scan# 1789

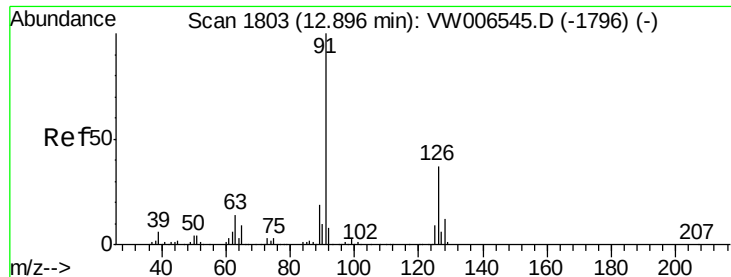
Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Tgt Ion:	91	Resp:	230561
Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.4	37.0





#79

2-Chlorotoluene

Concen: 61.731 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion: 91 Resp: 147962

Ion Ratio Lower Upper

91 100

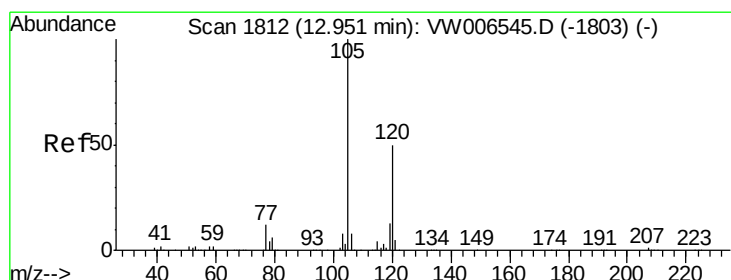
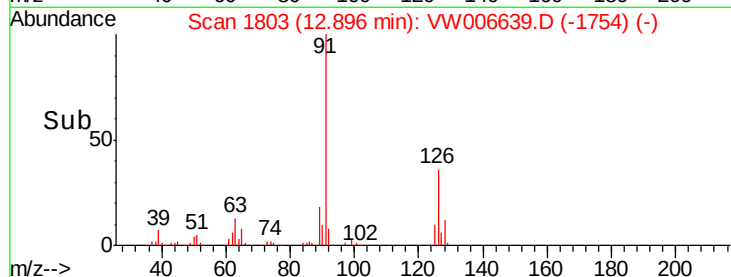
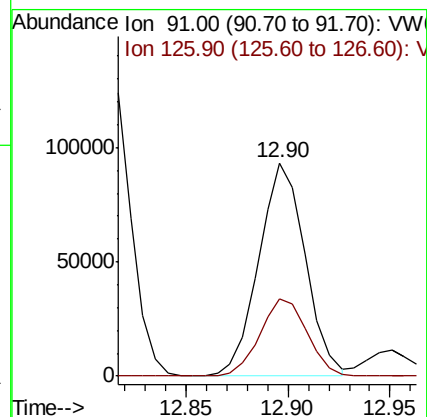
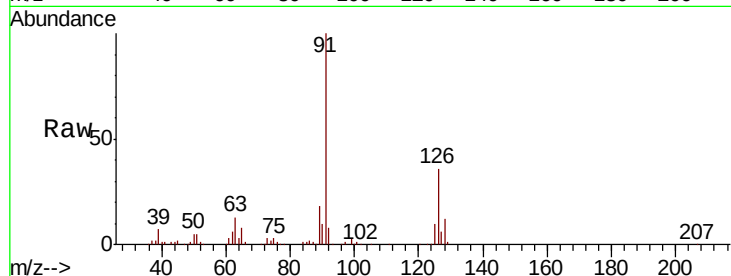
126 36.9 18.5 55.5

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#80

1,3,5-Trimethylbenzene

Concen: 55.684 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006639.D

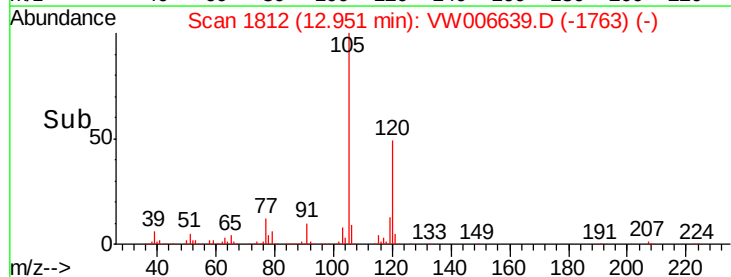
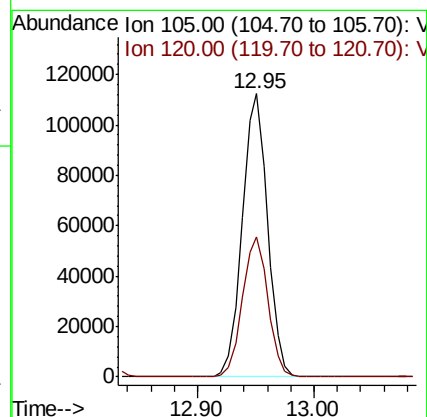
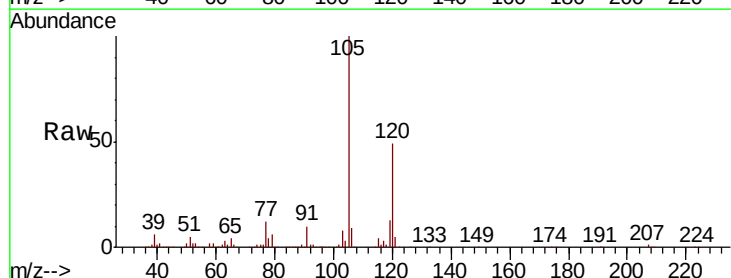
Acq: 05 Nov 2018 16:32

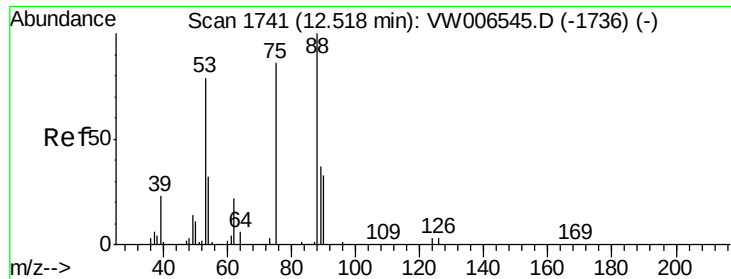
Tgt Ion: 105 Resp: 169864

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3





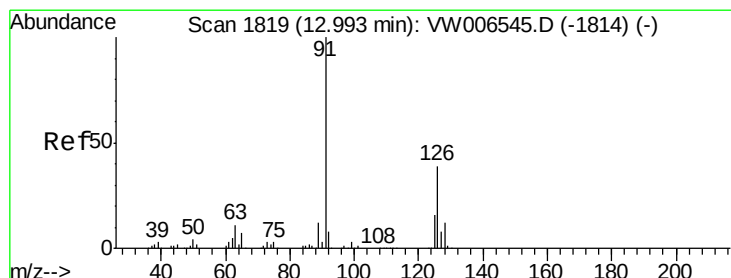
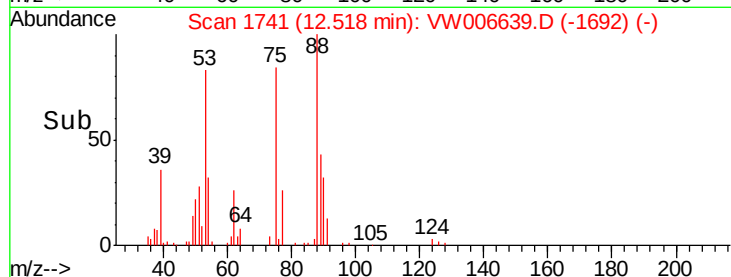
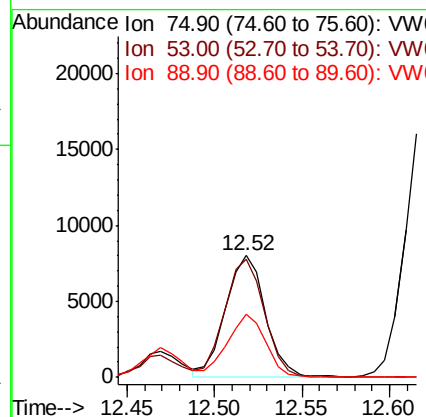
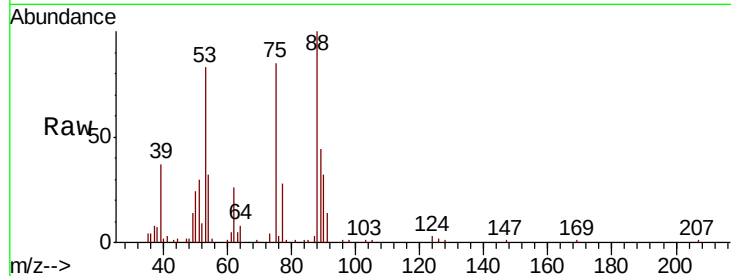
#81
trans-1,4-Dichloro-2-butene
Concen: 74.879 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	77.2	115.8
89	49.0	38.6	58.0

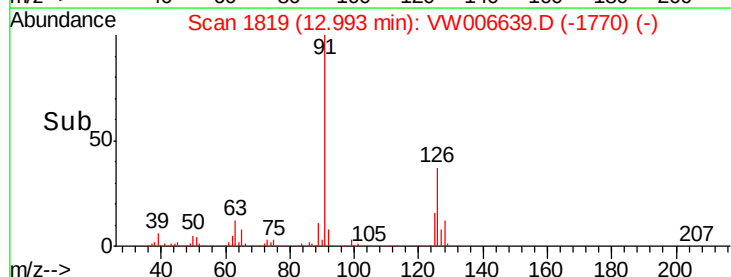
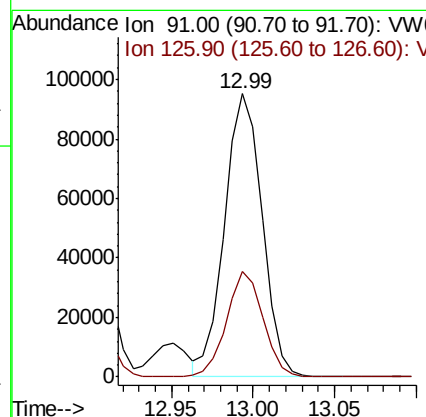
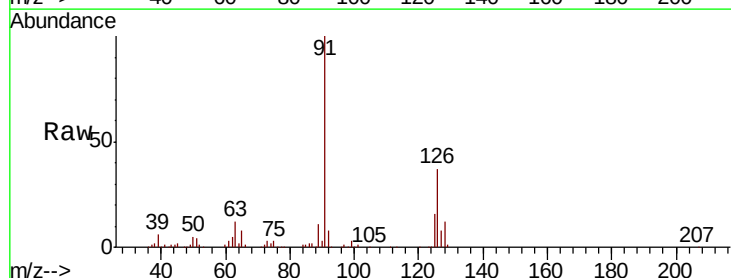
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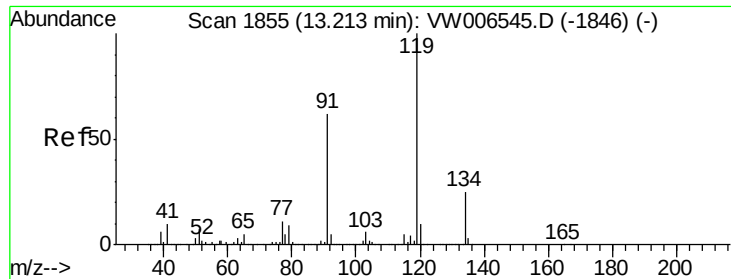
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#82
4-Chlorotoluene
Concen: 60.139 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	18.5	55.5





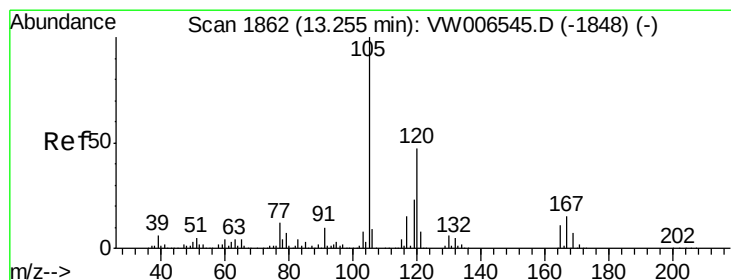
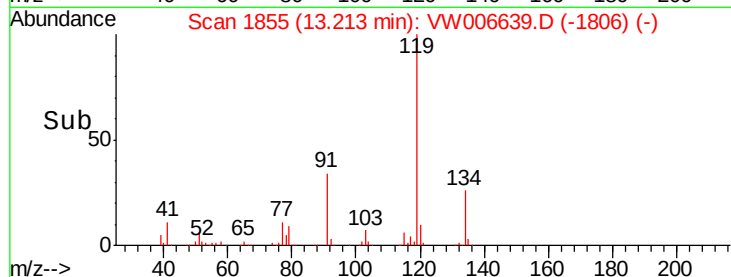
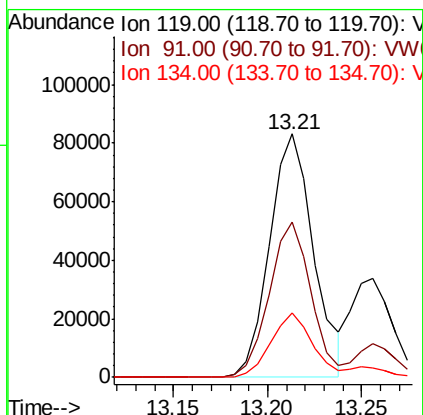
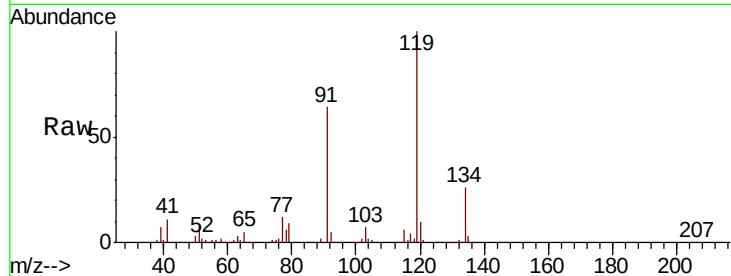
#83
tert-Butylbenzene
Concen: 49.383 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	30.4	91.3
134	25.6	13.5	40.4

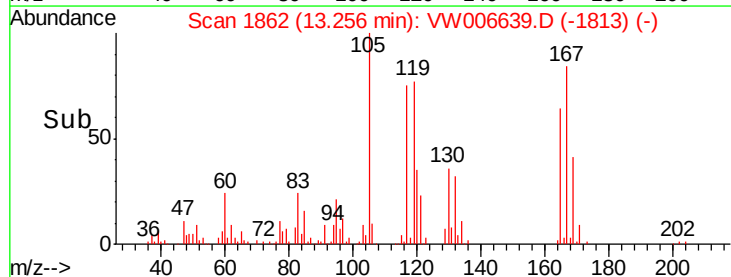
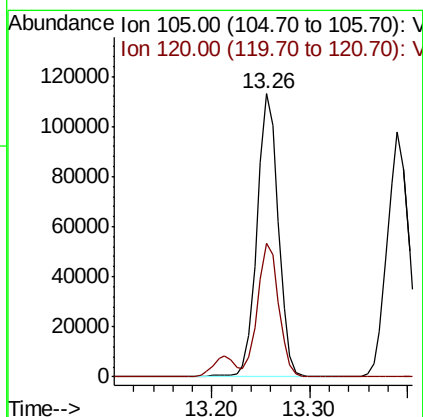
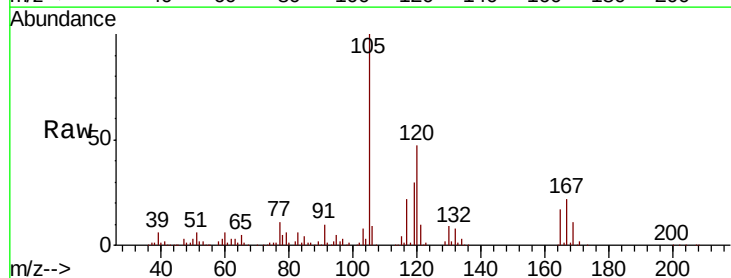
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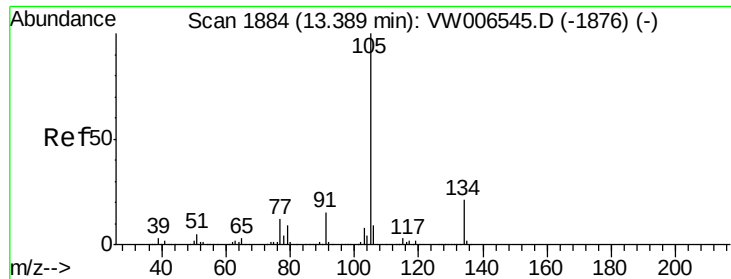
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#84
1,2,4-Trimethylbenzene
Concen: 54.875 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6





#85

sec-Butylbenzene

Concen: 39.151 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01MSD

Tot Ion:105 Resp: 149167

Ion Ratio Lower Upper

105 100

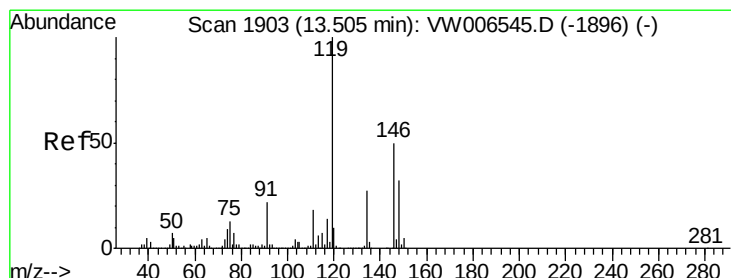
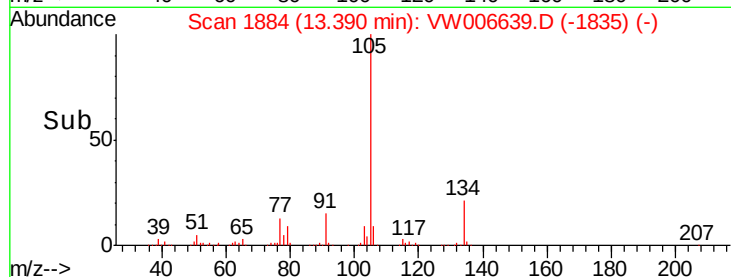
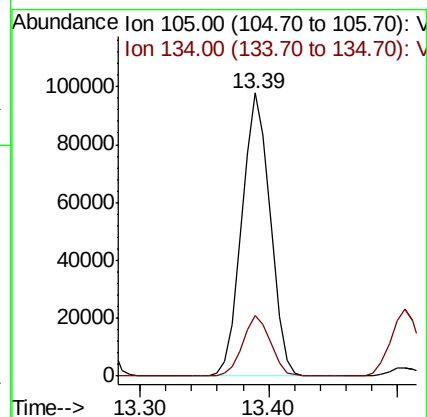
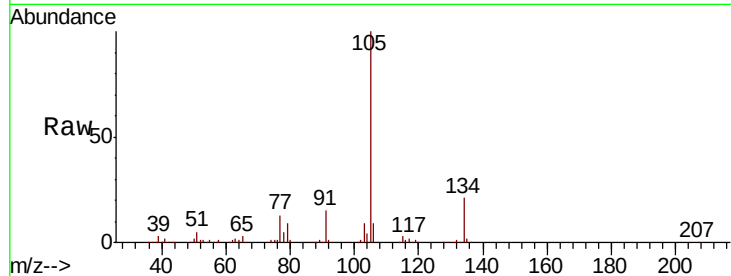
134 20.9 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 37.019 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006639.D

Acq: 05 Nov 2018 16:32

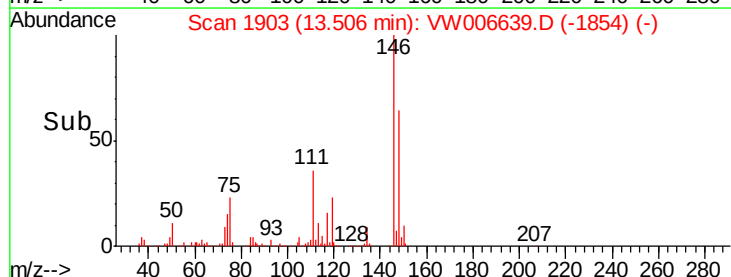
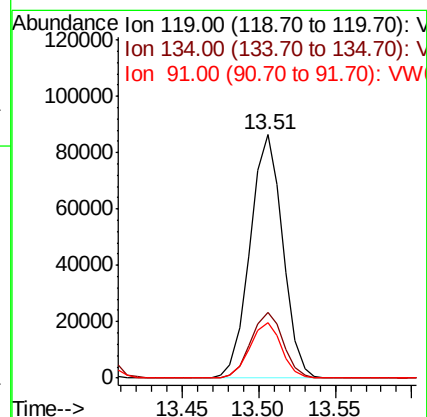
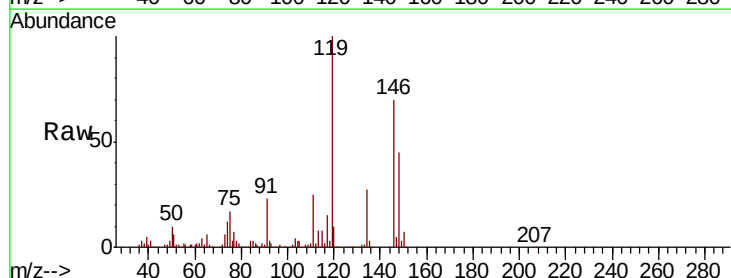
Tgt Ion:119 Resp: 128339

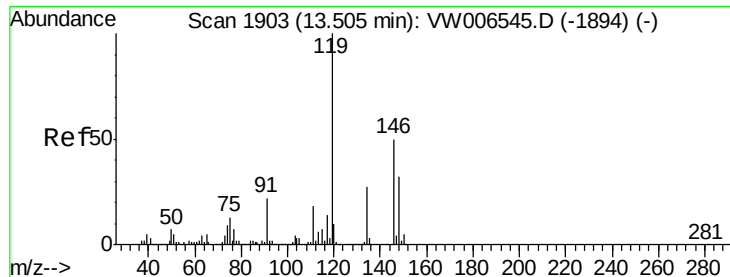
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.2 10.9 32.6





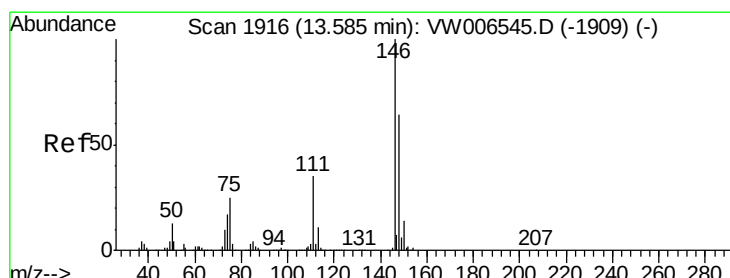
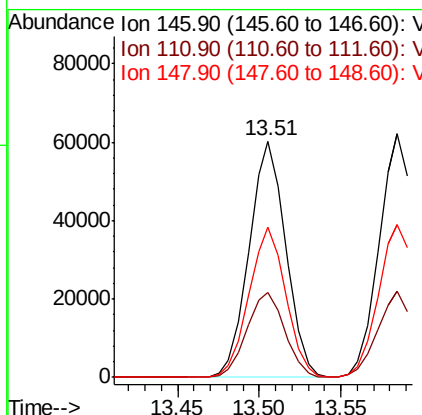
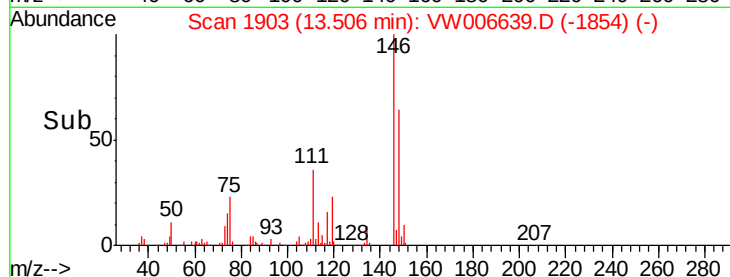
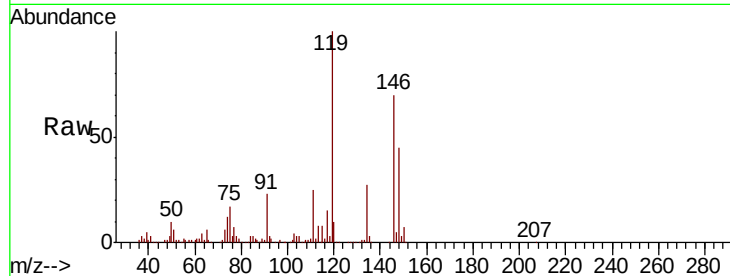
#87
 1,3-Dichlorobenzene
 Concen: 50.756 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	63.9	32.1	96.3

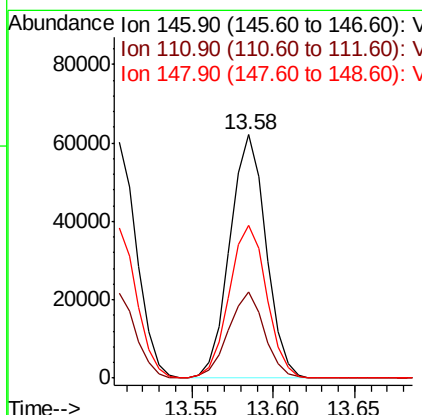
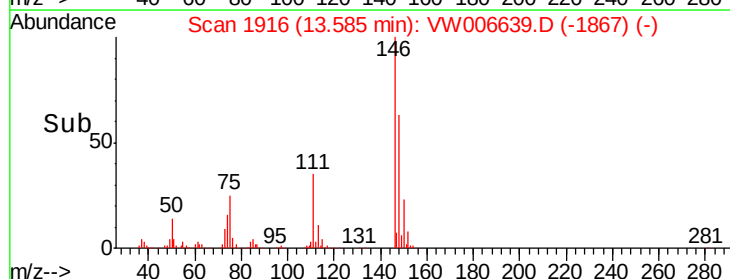
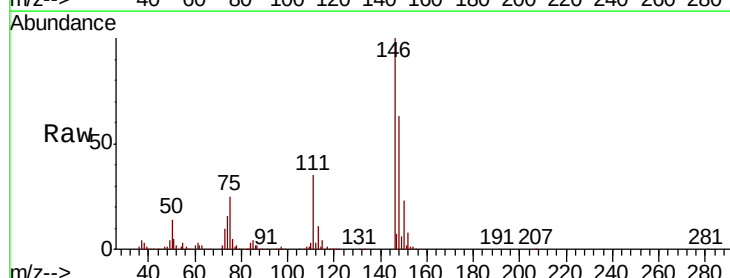
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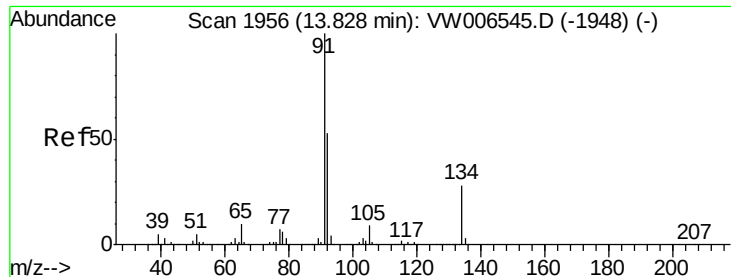
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#88
 1,4-Dichlorobenzene
 Concen: 52.247 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

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





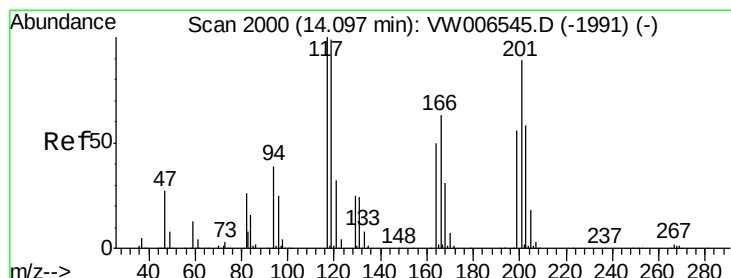
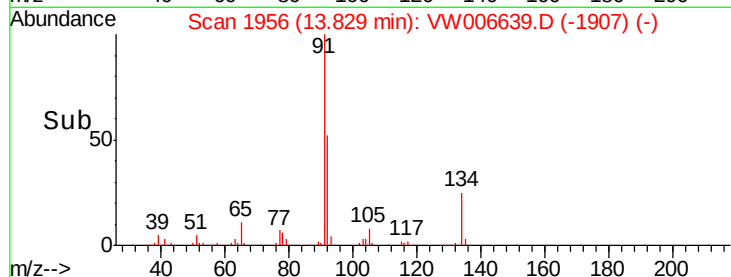
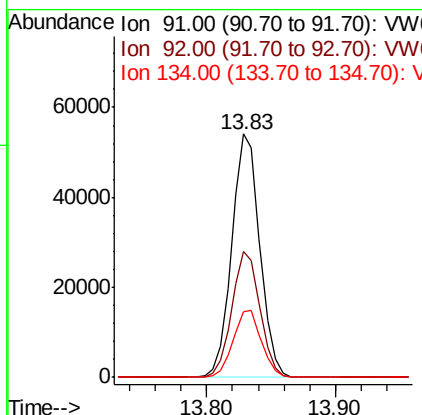
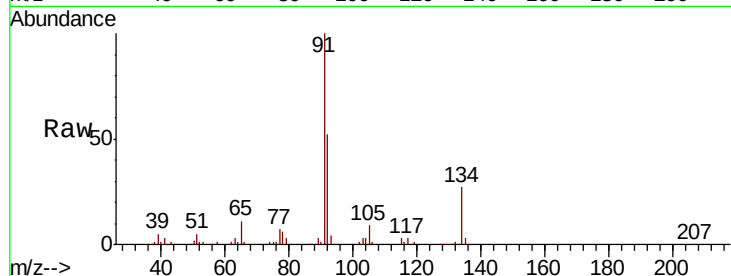
#89
n-Butylbenzene
Concen: 26.593 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.0
134	27.8	14.3	42.9

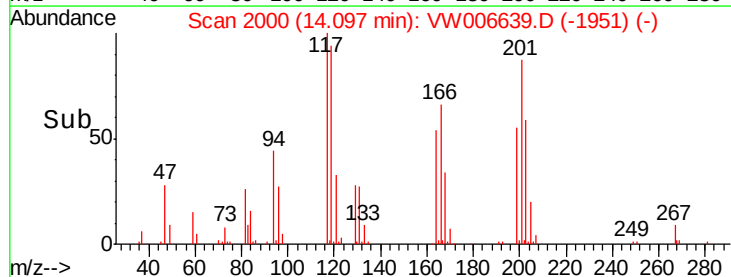
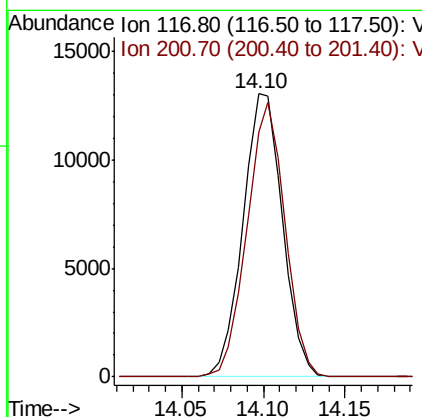
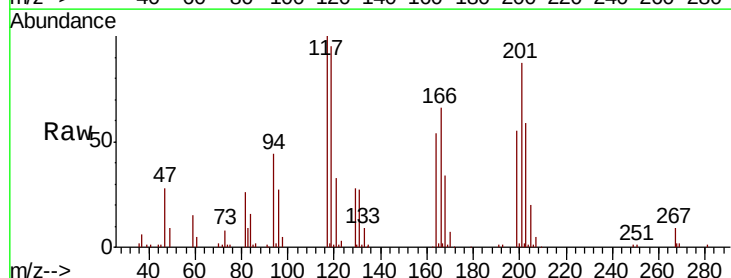
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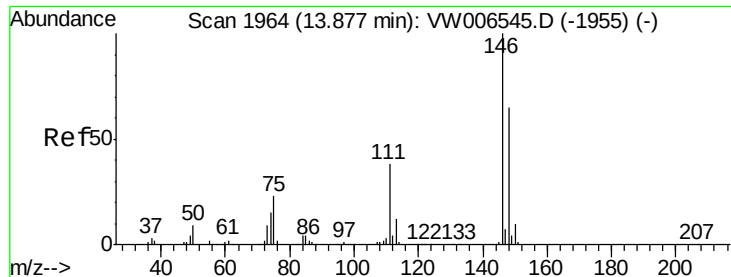
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#90
Hexachloroethane
Concen: 38.615 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.1	46.8	140.3





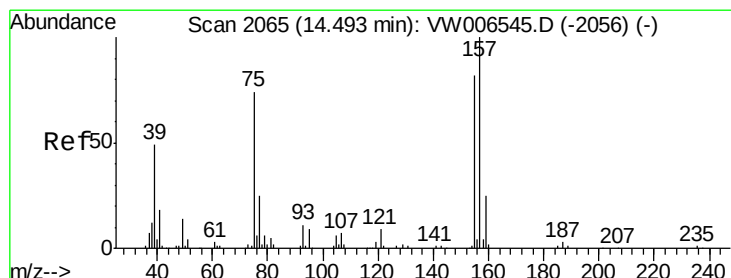
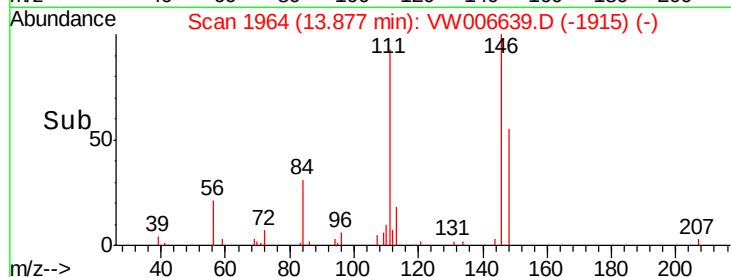
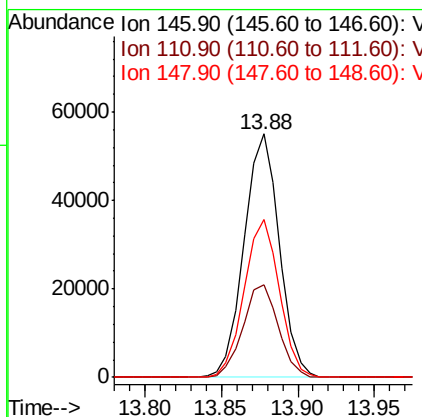
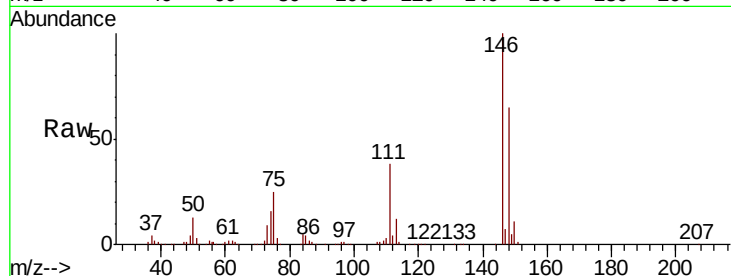
#91
 1,2-Dichlorobenzene
 Concen: 52.943 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	64.7	32.0	96.0

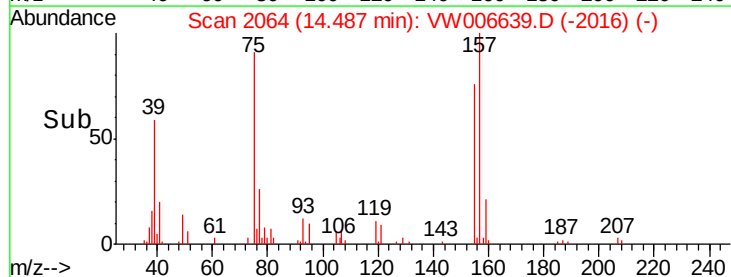
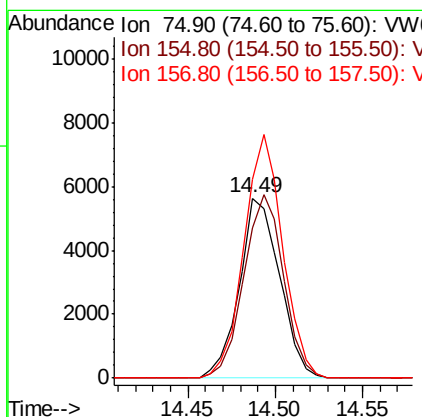
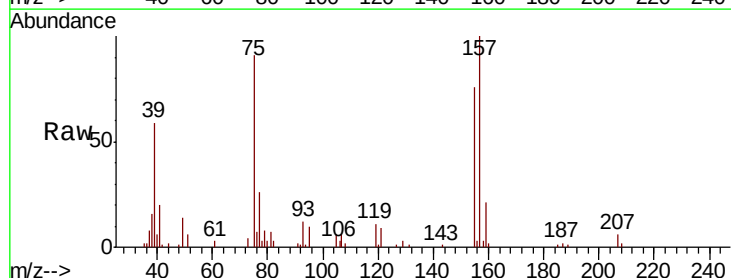
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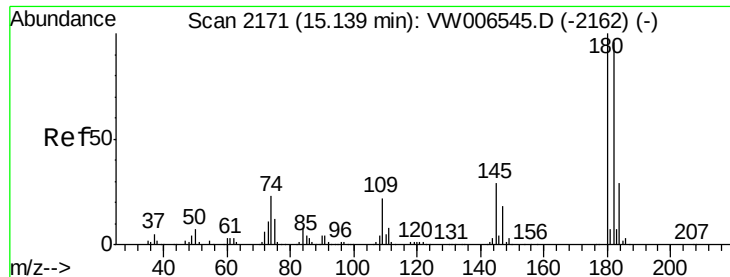
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.372 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006639.D
 Acq: 05 Nov 2018 16:32

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





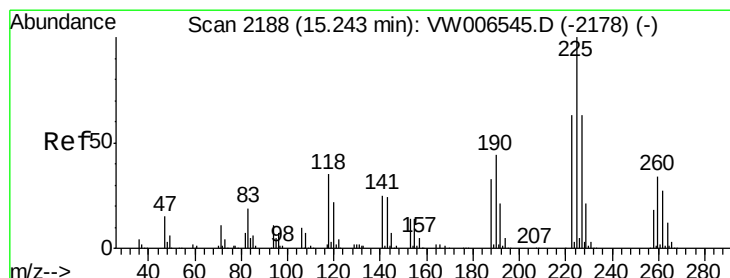
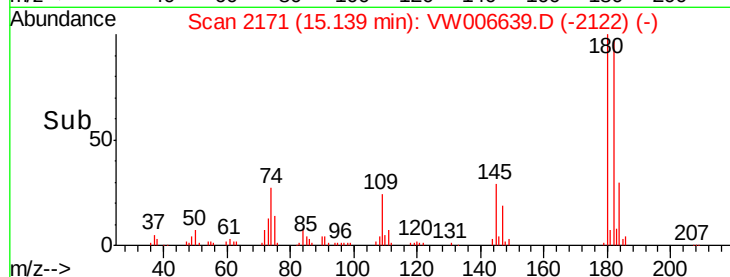
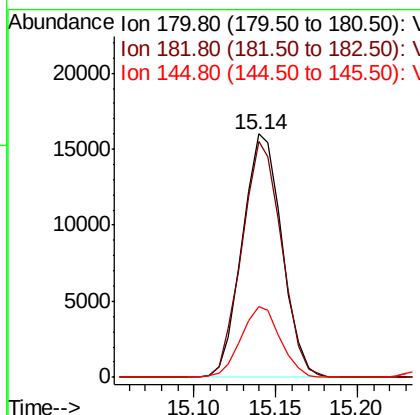
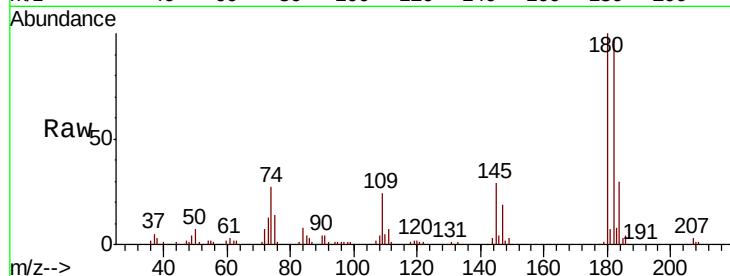
#93
1,2,4-Trichlorobenzene
Concen: 21.797 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.5	142.6
145	28.7	14.0	42.0

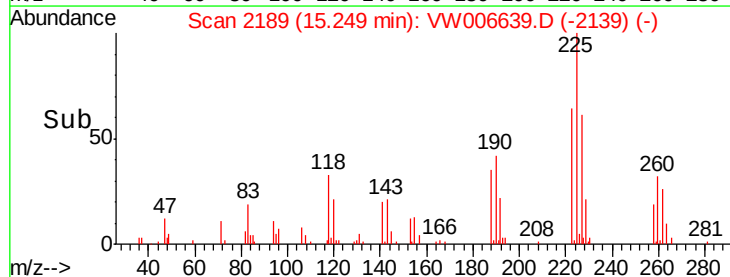
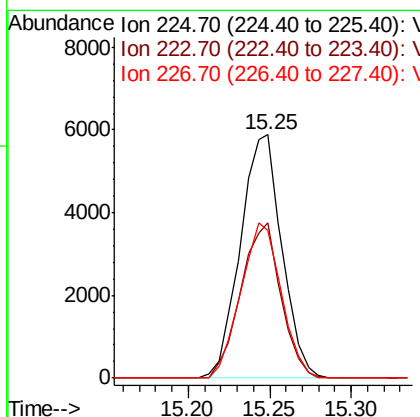
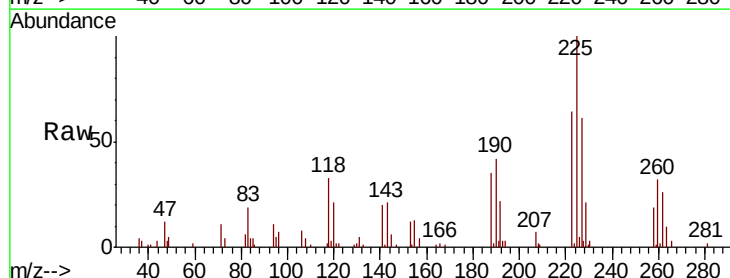
Manual Integrations
APPROVED

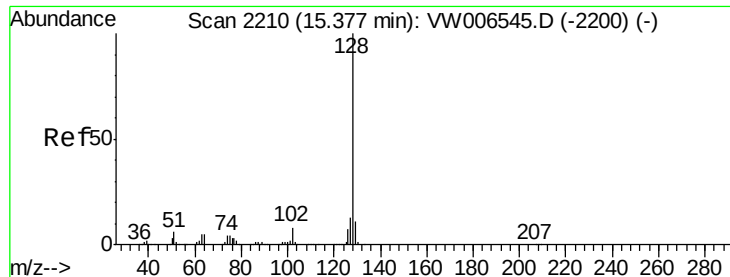
apatel
11/6/2018 8:15:23 AM



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

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





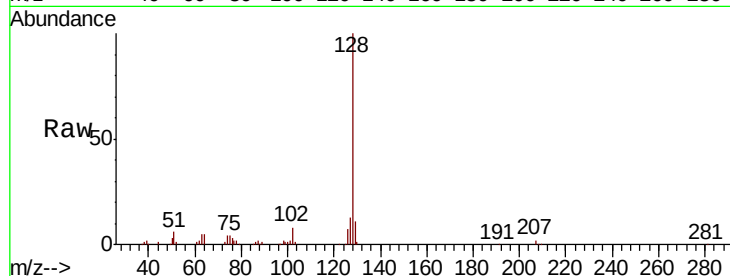
#95
Naphthalene
Concen: 27.853 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
11/6/2018 8:15:23 AM

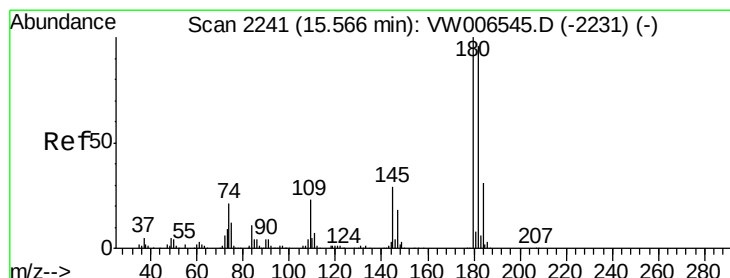
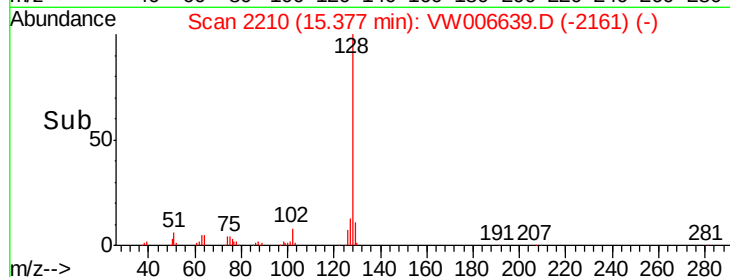
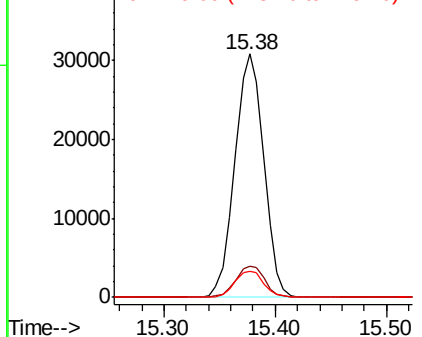


Abundance

Ion 128.00 (127.70 to 128.70): V

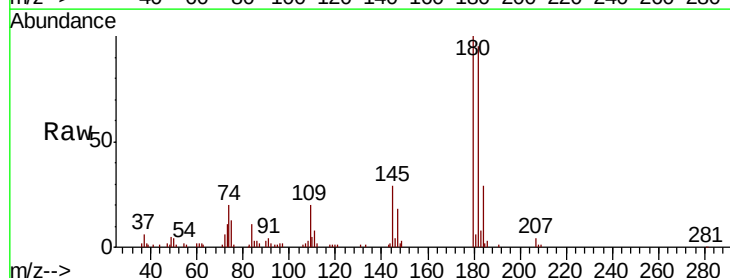
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.693 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006639.D
Acq: 05 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.2	144.6
145	29.4	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

