

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006515.D
 Acq On : 30 Oct 2018 21:02
 Operator : SY/AP
 Sample : J5649-08MSD
 Misc : 3.89G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:36 PM

Quant Time: Oct 31 04:13:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	150170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	41293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	67178	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.89	113	74486	64.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.70%	
50) Toluene-d8	10.33	98	241889	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
62) 4-Bromofluorobenzene	12.62	95	54685	33.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52163	70.194	ug/l	99
3) Chloromethane	2.21	50	64981	67.931	ug/l	100
4) Vinyl Chloride	2.37	62	88792	64.998	ug/l	98
5) Bromomethane	2.79	94	81109	65.279	ug/l	96
6) Chloroethane	2.93	64	68048	69.509	ug/l	99
7) Trichlorofluoromethane	3.26	101	94905	74.576	ug/l	98
8) Diethyl Ether	3.68	74	47257	69.872	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	94119	70.572	ug/l	100
10) Methyl Iodide	4.26	142	147202	66.314	ug/l	98
11) Tert butyl alcohol	5.23	59	25659	306.445	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	78932	62.908	ug/l	88
13) Acrolein	3.90	56	18136	223.843	ug/l	96
14) Allyl chloride	4.67	41	104344	58.161	ug/l	98
15) Acrylonitrile	5.38	53	78855	325.061	ug/l	100
16) Acetone	4.14	43	77436	336.667	ug/l	97
17) Carbon Disulfide	4.37	76	149400	39.453	ug/l	100
18) Methyl Acetate	4.67	43	46593	74.366	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	150621	78.815	ug/l	95
20) Methylene Chloride	4.92	84	92808	71.139	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	73958	52.808	ug/l	99
22) Diisopropyl ether	6.32	45	275304	77.653	ug/l	96
23) Vinyl Acetate	6.26	43	589523	281.761	ug/l	99
24) 1,1-Dichloroethane	6.22	63	164305	71.823	ug/l	99
25) 2-Butanone	7.18	43	105748	314.414	ug/l	96
26) 2,2-Dichloropropane	7.17	77	112352	69.634	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	91153	58.979	ug/l	99
28) Bromochloromethane	7.52	49	53311	60.363	ug/l	90
29) Tetrahydrofuran	7.54	42	70361	340.342	ug/l	96
30) Chloroform	7.68	83	173142	69.468	ug/l	98
31) Cyclohexane	7.96	56	129667	56.917	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	160523	71.398	ug/l	99
36) 1,1-Dichloropropene	8.09	75	102982	57.031	ug/l	99
37) Ethyl Acetate	7.26	43	47422	70.685	ug/l	99
38) Carbon Tetrachloride	8.07	117	147108	74.316	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	128884	53.695	ug/l	98
40) Benzene	8.33	78	354281	71.526	ug/l	99
41) Methacrylonitrile	7.49	41	29711	73.462	ug/l	97
42) 1,2-Dichloroethane	8.40	62	101246	69.573	ug/l	99
43) Isopropyl Acetate	8.43	43	99920	72.842	ug/l	98
44) Trichloroethene	9.09	130	85532	56.285	ug/l	98
45) 1,2-Dichloropropane	9.37	63	87924	74.181	ug/l	99
46) Dibromomethane	9.46	93	43542	64.455	ug/l	97
47) Bromodichloromethane	9.65	83	113401	69.239	ug/l	98
48) Methyl methacrylate	9.44	41	42439	65.269	ug/l	95
49) 1,4-Dioxane	9.48	88	15077	1449.745	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	249963	363.695	ug/l	97
52) Toluene	10.39	92	207376	62.449	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	78977	48.399	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	107833	57.578	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	70357	74.424	ug/l	98
56) Ethyl methacrylate	10.65	69	76939	66.388	ug/l	97
57) 1,3-Dichloropropane	10.94	76	103384	66.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	120185	271.398	ug/l	97
59) 2-Hexanone	10.98	43	150871	307.517	ug/l	96
60) Dibromochloromethane	11.13	129	78444	66.618	ug/l	100
61) 1,2-Dibromoethane	11.24	107	57165	60.519	ug/l	98
64) Tetrachloroethene	10.87	164	74331	69.316	ug/l	99
65) Chlorobenzene	11.66	112	189367	64.039	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	103545	98.531	ug/l	99
67) Ethyl Benzene	11.74	91	360708	70.386	ug/l	100
68) m/p-Xylenes	11.84	106	275541	136.033	ug/l	98
69) o-Xylene	12.17	106	147585	76.453	ug/l	99
70) Styrene	12.19	104	171558	54.652	ug/l	97
71) Bromoform	12.35	173	45227	77.159	ug/l #	99
73) Isopropylbenzene	12.47	105	384919	131.947	ug/l	99
74) N-amyl acetate	12.28	43	64895	114.533	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	73670	166.037	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	54195m	171.831	ug/l	
77) Bromobenzene	12.75	156	70818	99.112	ug/l	98
78) n-propylbenzene	12.81	91	324879	95.723	ug/l	100
79) 2-Chlorotoluene	12.90	91	197638	103.642	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	295714	120.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15103	114.466	ug/l	99
82) 4-Chlorotoluene	12.99	91	153656	76.922	ug/l	100
83) tert-Butylbenzene	13.21	119	303038	137.725	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	270872	108.846	ug/l	100
85) sec-Butylbenzene	13.39	105	322179	103.645	ug/l	100
86) p-Isopropyltoluene	13.51	119	270532	96.219	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	94200	66.244	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	85227	60.195	ug/l	99
89) n-Butylbenzene	13.83	91	137804	53.592	ug/l	99
90) Hexachloroethane	14.10	117	64318	135.052	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	101607	80.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10129	127.505	ug/l	91

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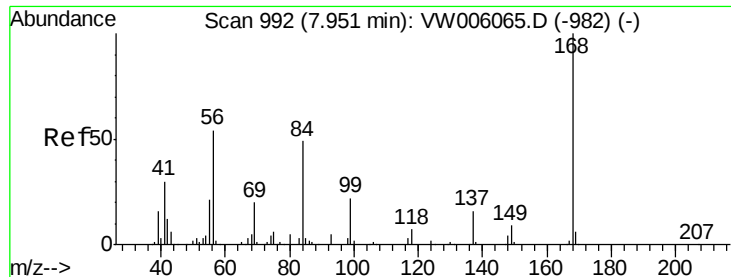
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	29635	30.364	ug/l	99
94) Hexachlorobutadiene	15.25	225	38084	62.116	ug/l	98
95) Naphthalene	15.38	128	79479	48.953	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	31776	37.641	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMSD

Tot Ion:168 Resp: 150170

Ion Ratio Lower Upper

168 100

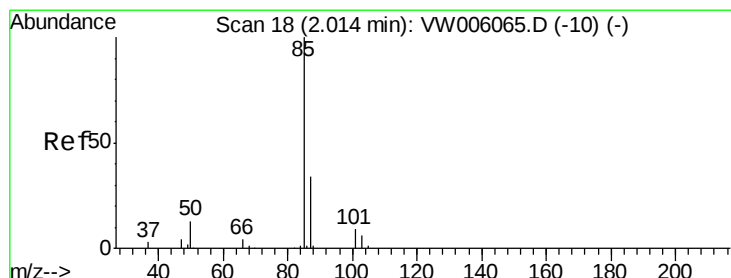
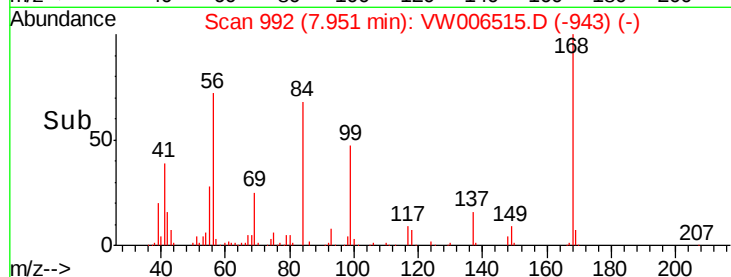
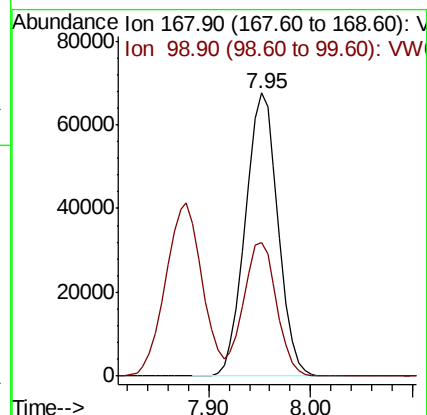
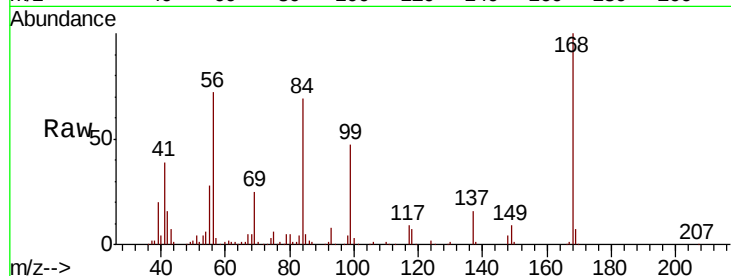
99 47.3 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 70.194 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006515.D

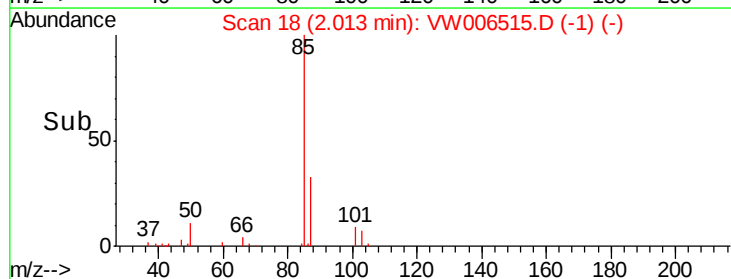
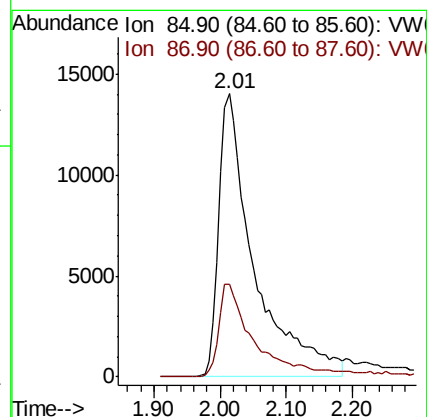
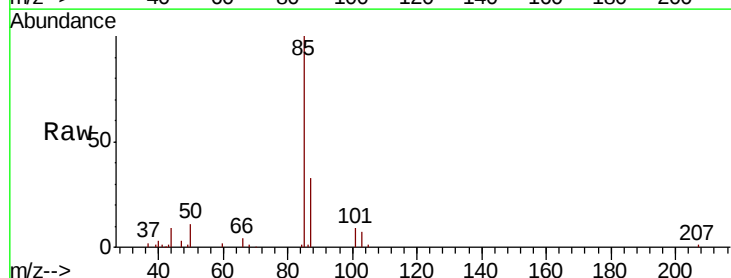
Acq: 30 Oct 2018 21:02

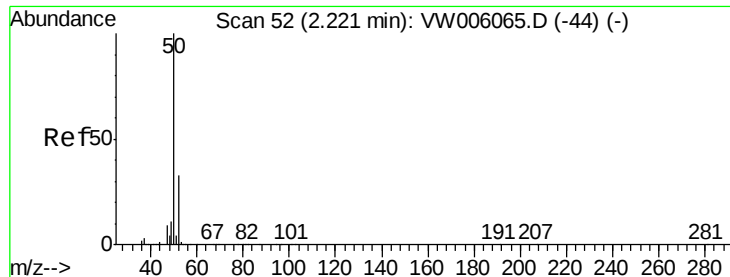
Tgt Ion: 85 Resp: 52163

Ion Ratio Lower Upper

85 100

87 32.9 16.9 50.6





#3

Chloromethane

Concen: 67.931 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMSD

Tot Ion: 50 Resp: 64981

Ion Ratio Lower Upper

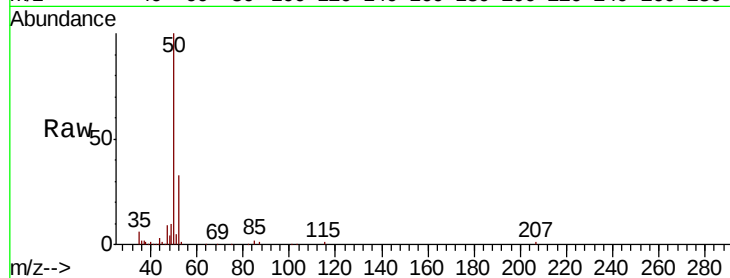
50 100

52 33.3 26.8 40.2

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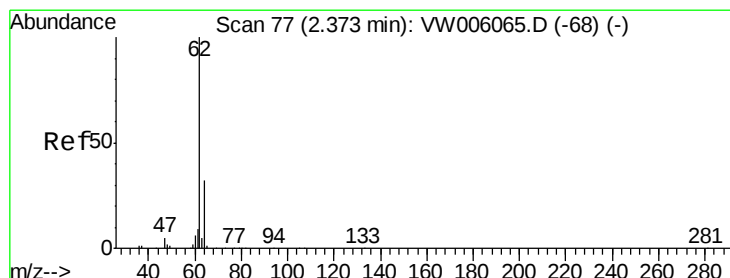
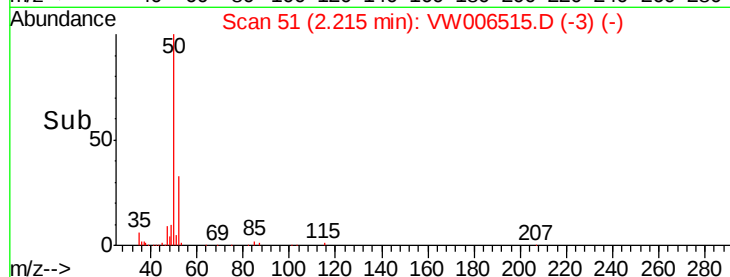
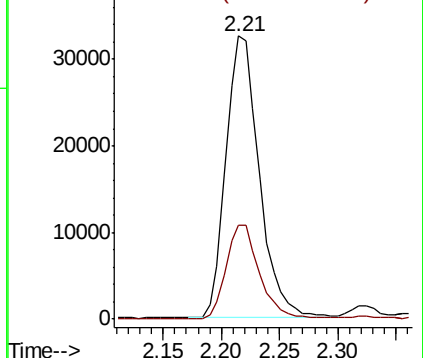
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 64.998 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006515.D

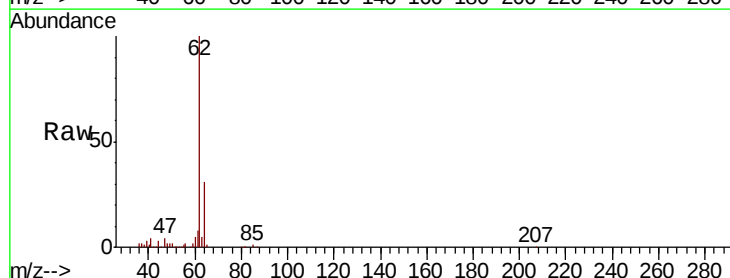
Acq: 30 Oct 2018 21:02

Tgt Ion: 62 Resp: 88792

Ion Ratio Lower Upper

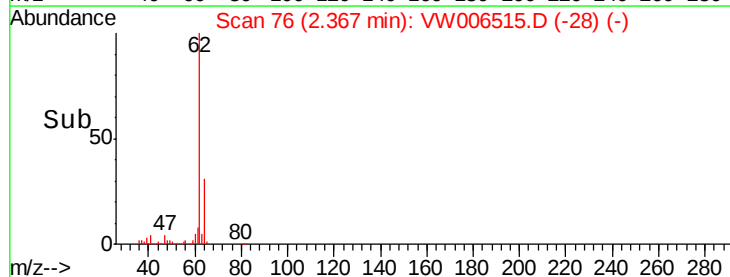
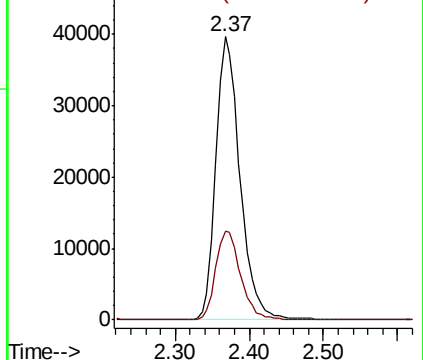
62 100

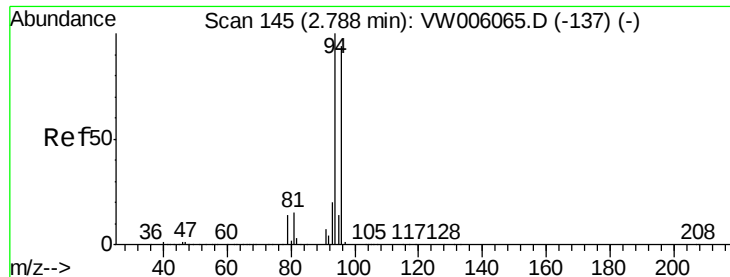
64 31.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 65.279 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 81109

Ion Ratio Lower Upper

94 100

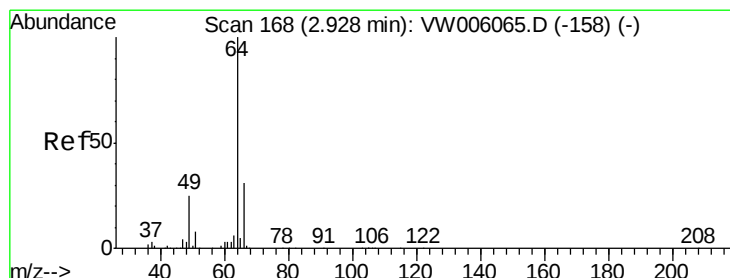
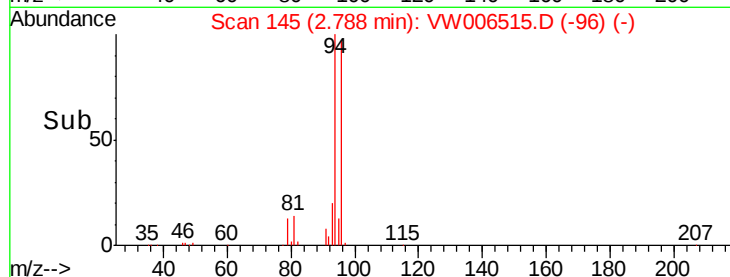
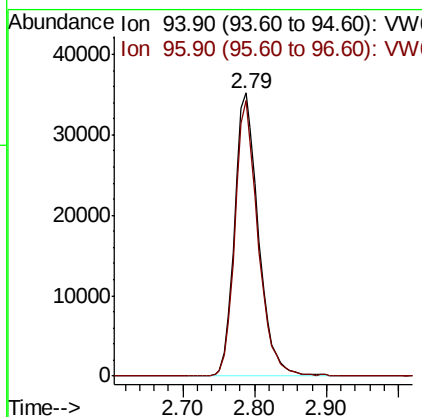
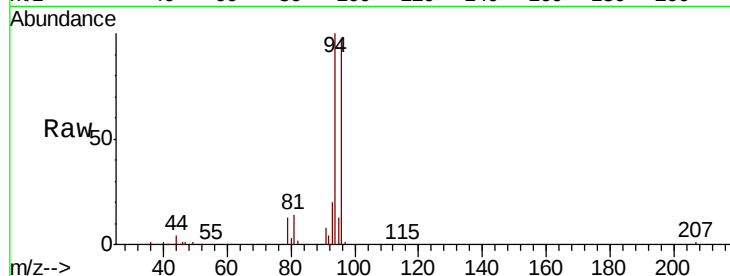
96 97.4 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 69.509 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006515.D

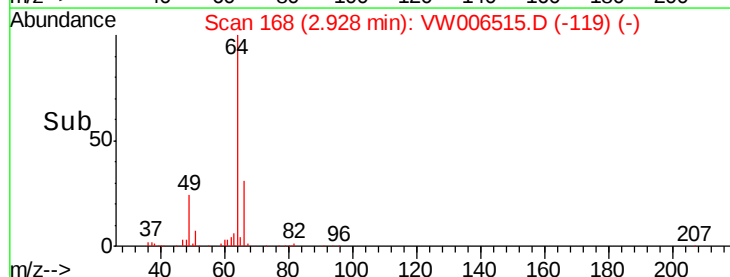
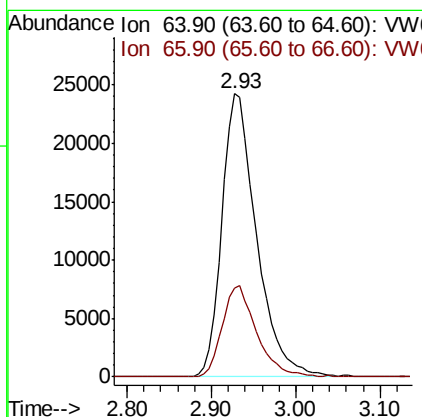
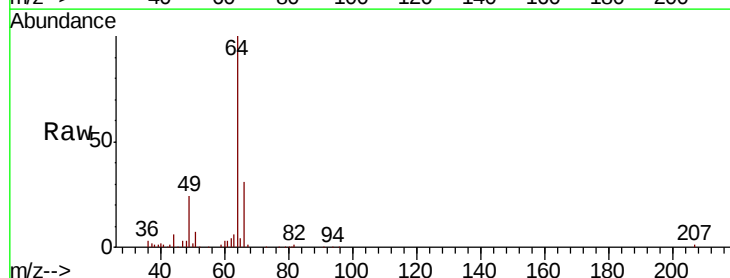
Acq: 30 Oct 2018 21:02

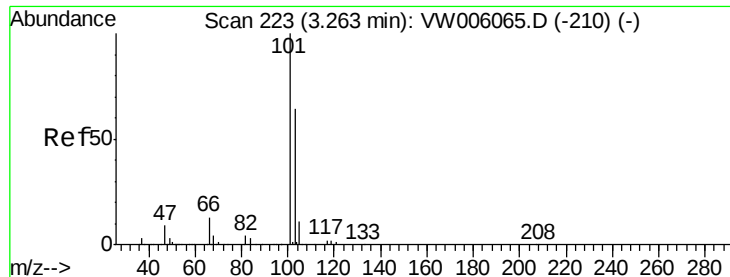
Tgt Ion: 64 Resp: 68048

Ion Ratio Lower Upper

64 100

66 31.4 24.9 37.3





#7

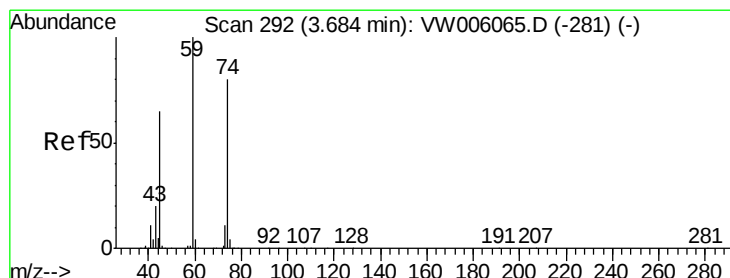
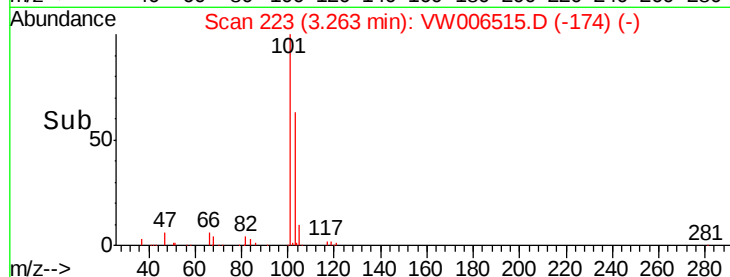
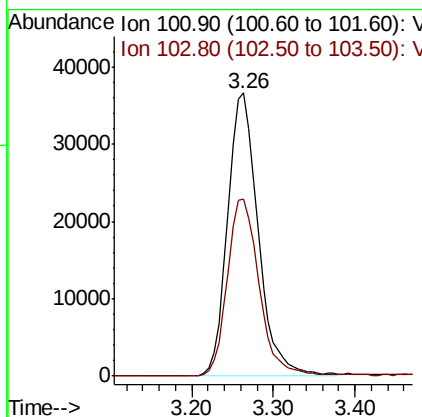
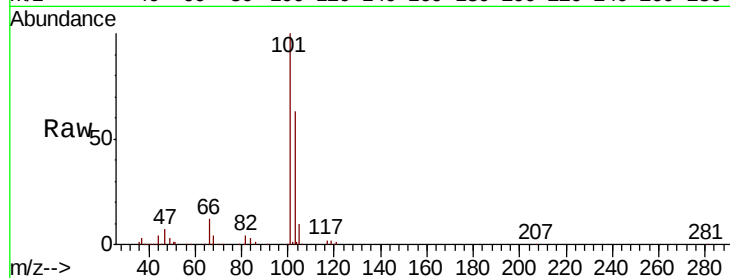
Trichlorofluoromethane
Concen: 74.576 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

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DL-03AMSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.2	76.8

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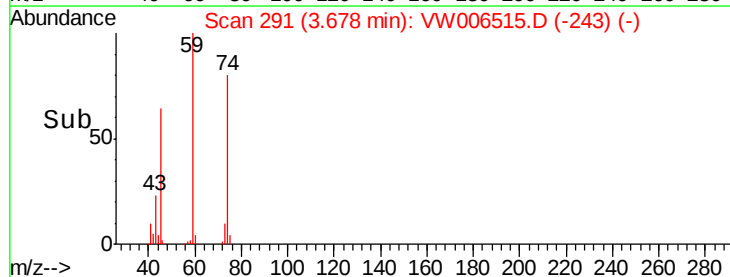
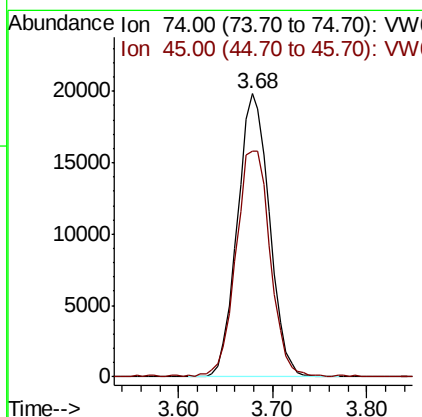
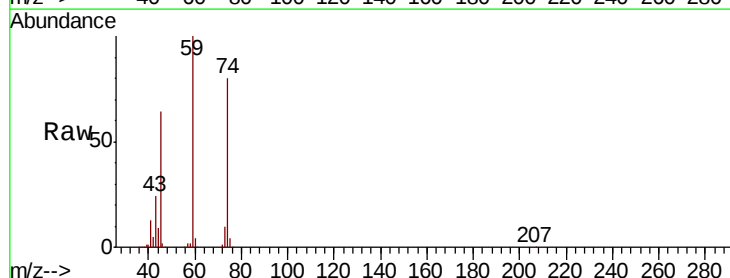
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#8

Diethyl Ether
Concen: 69.872 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.0	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 70.572 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006515.D

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MSVOA_W

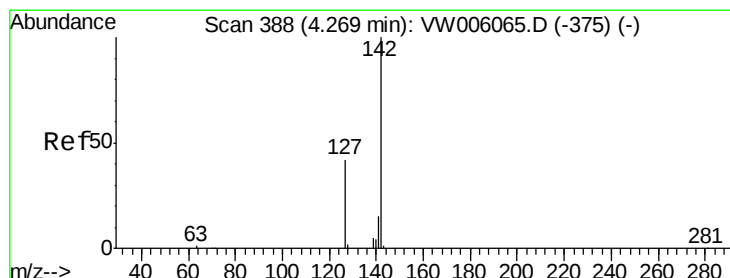
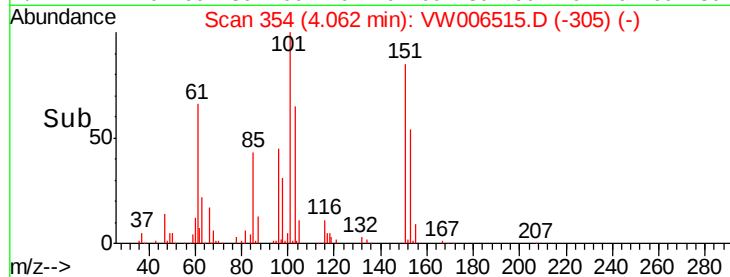
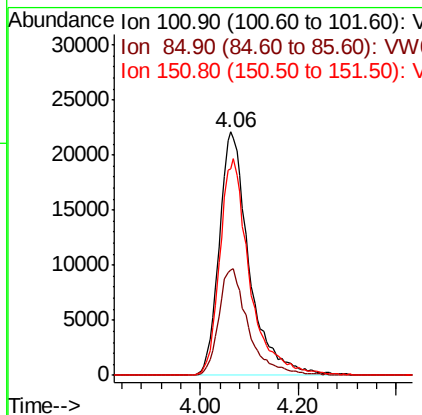
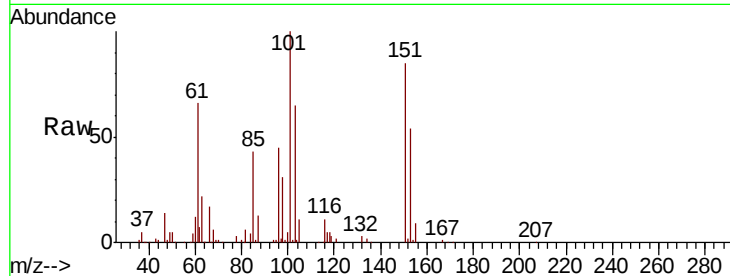
ClientSampleId :

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Tot Ion:	101	Resp:	94119
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.9	52.3
151	88.4	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 66.314 ug/l

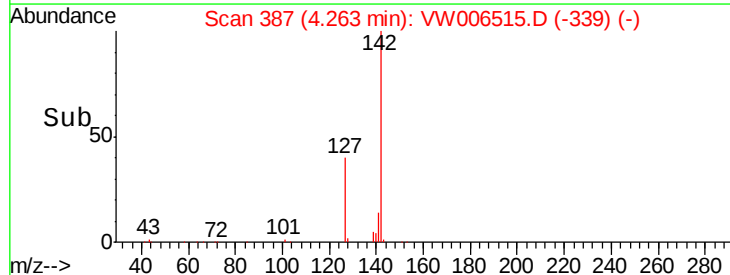
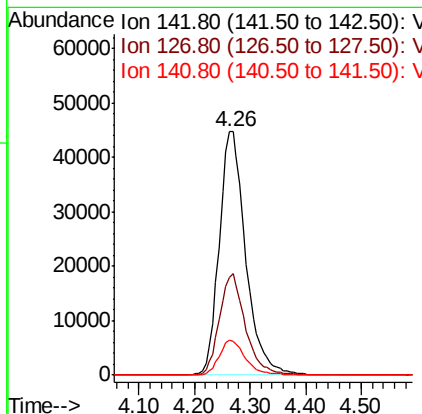
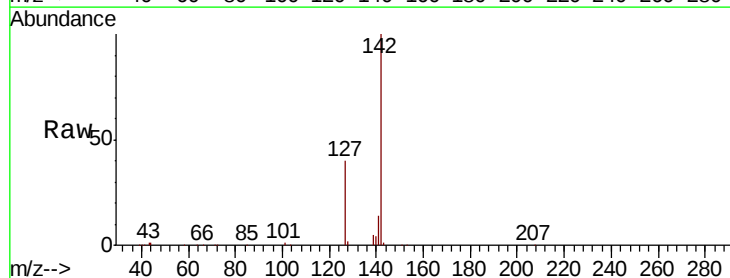
RT: 4.26 min Scan# 387

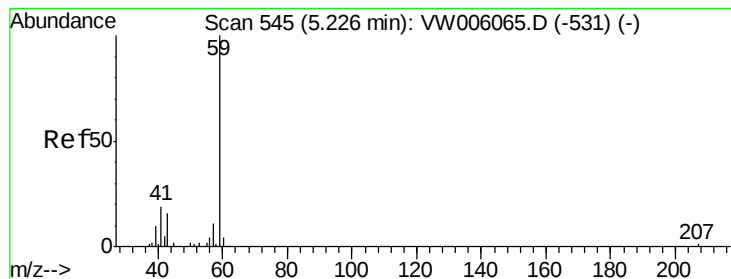
Delta R.T. -0.01 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion:	142	Resp:	147202
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.6	50.4
141	14.1	11.6	17.4





#11

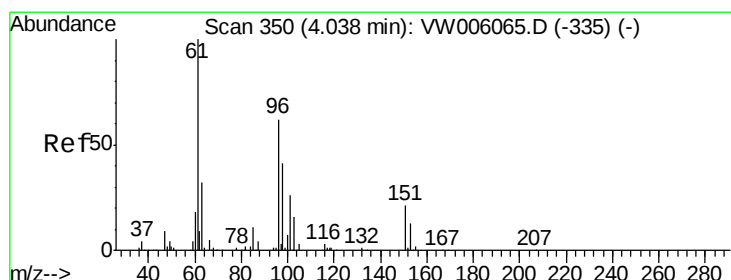
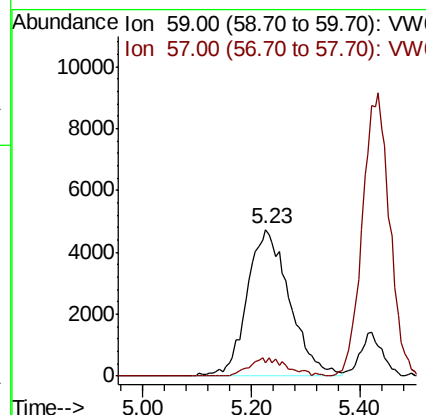
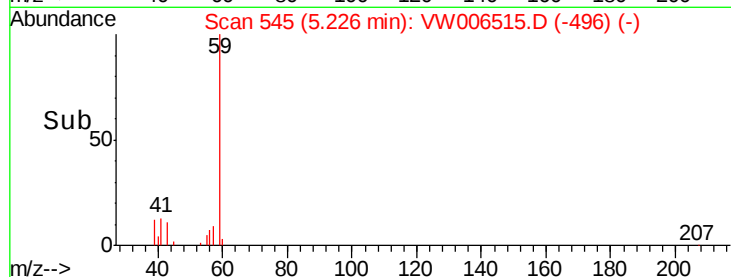
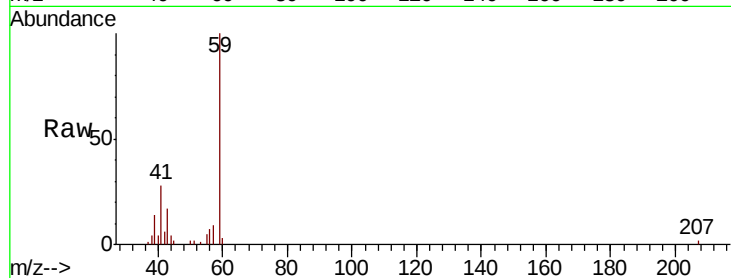
Tert butyl alcohol
Concen: 306.445 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
DL-03AMSD

Tot Ion	59	57	Ratio	100	5.0	Resp:	25659	Lower	8.7	Upper	13.1#

Manual Integrations
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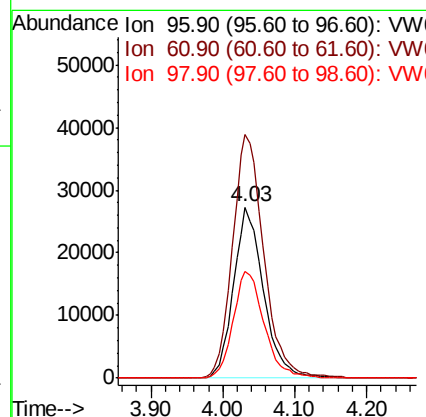
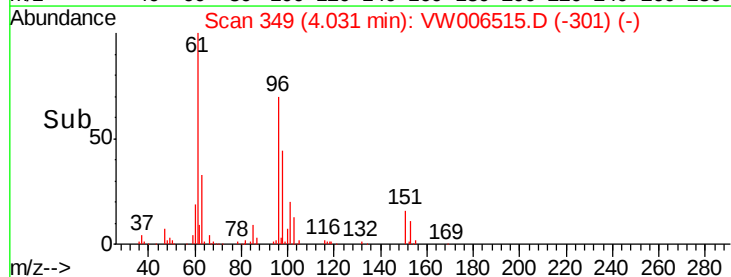
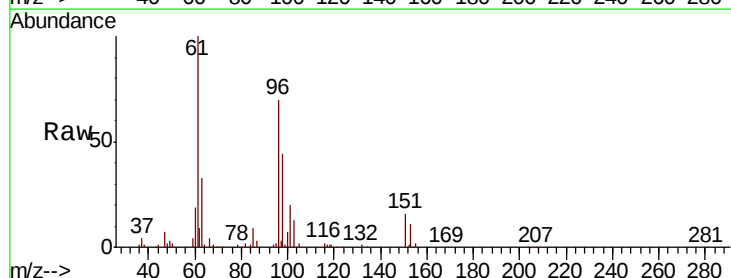
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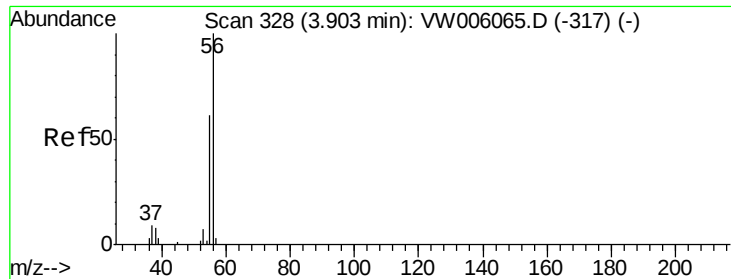


#12

1,1-Dichloroethene
Concen: 62.908 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	96	61	98	Ratio	100	142.4	62.6	Resp:	78932	Lower	129.3	Upper	193.9	79.7





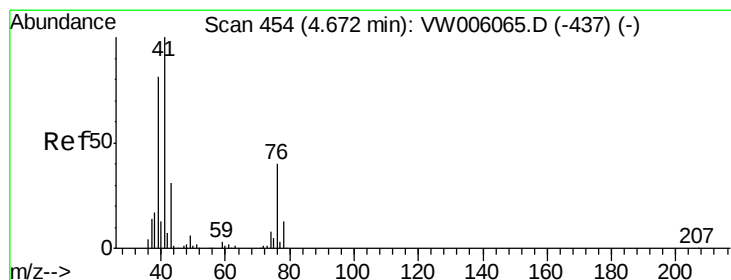
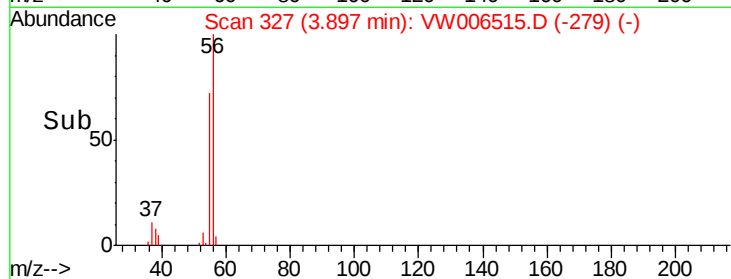
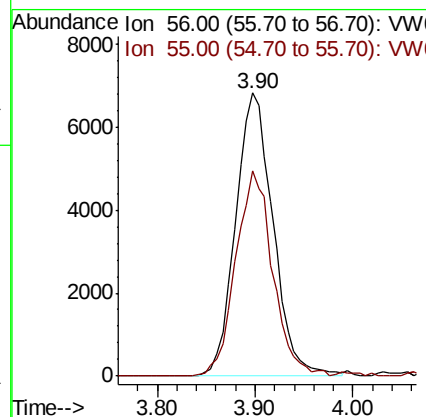
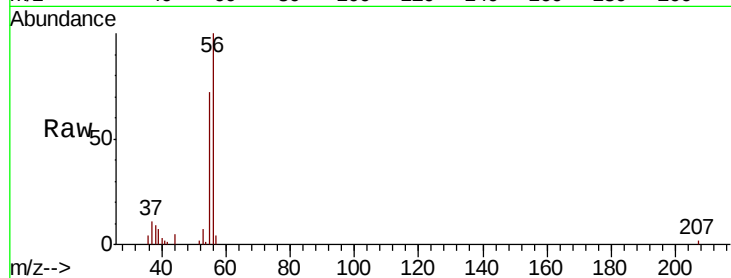
#13
Acrolein
Concen: 223.843 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	56	Resp	18136
Ion Ratio	100	Lower	Upper
56	100		
55	71.7	54.5	81.7

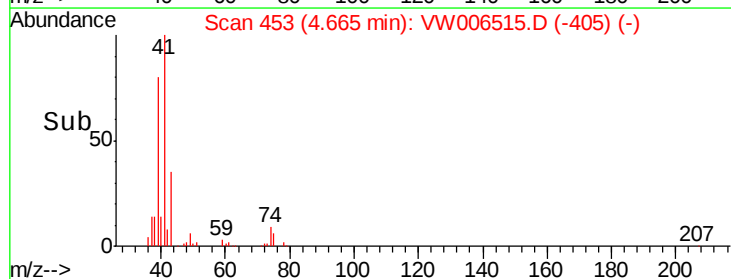
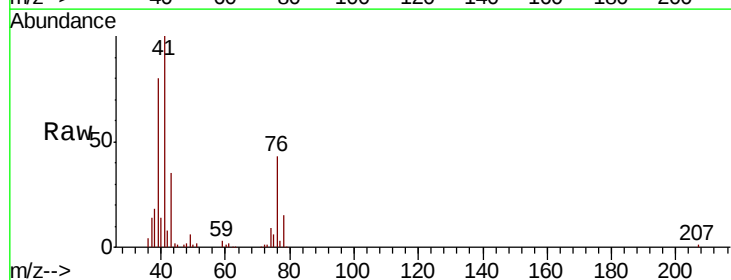
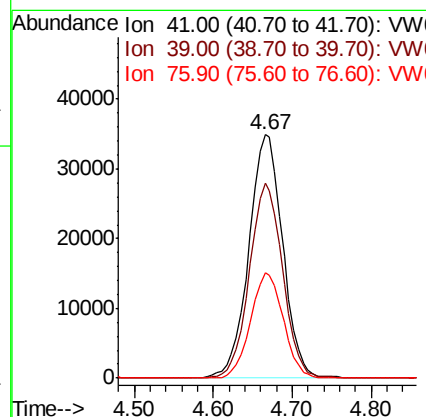
Manual Integrations
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#14
Allyl chloride
Concen: 58.161 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	41	Resp	104344
Ion Ratio	100	Lower	Upper
41	100		
39	78.3	64.1	96.1
76	41.8	32.2	48.4





#15

Acrylonitrile

Concen: 325.061 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

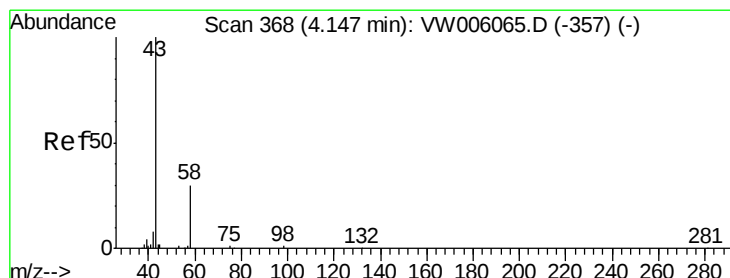
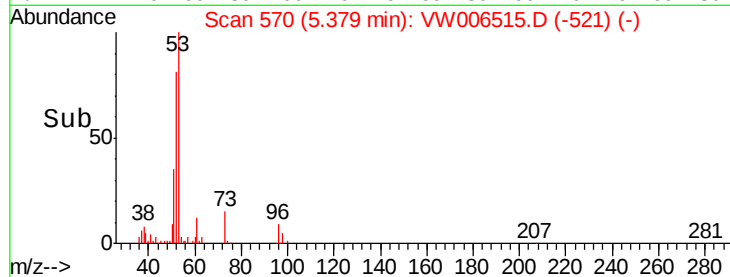
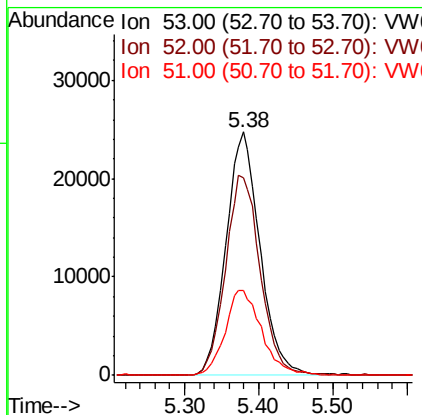
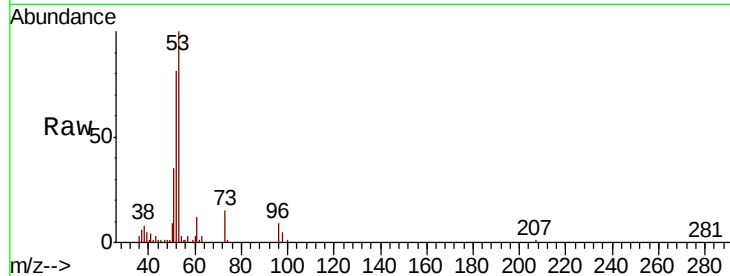
ClientSampleId :

DL-03AMSD

Tot Ion:	53	Resp:	78855
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.9	100.3
51	37.8	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 336.667 ug/l

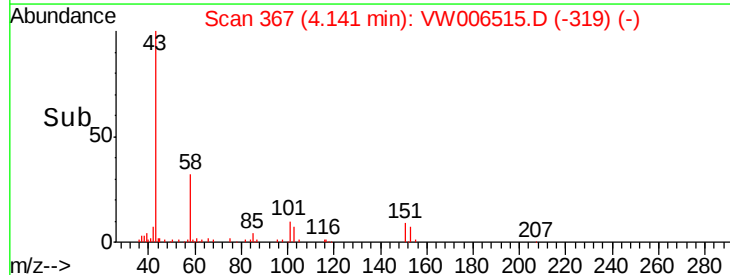
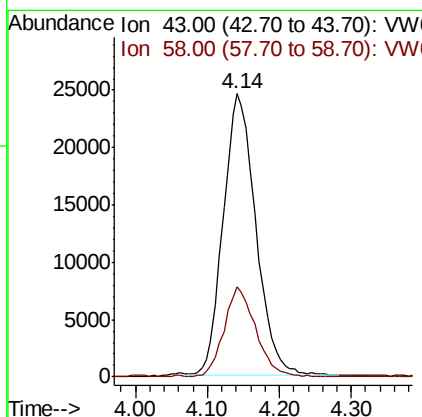
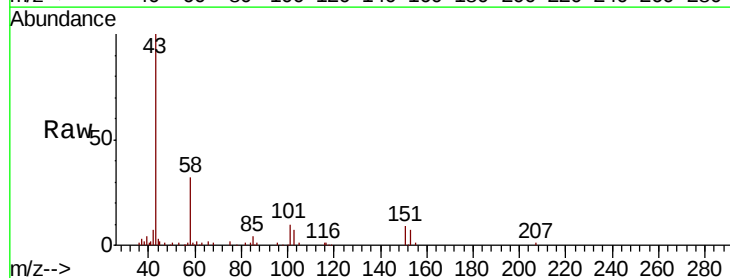
RT: 4.14 min Scan# 367

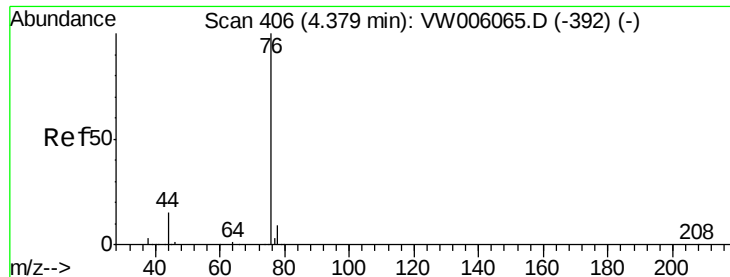
Delta R.T. -0.01 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion:	43	Resp:	77436
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.0	36.0





#17

Carbon Disulfide

Concen: 39.453 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMSD

Tot Ion: 76 Resp: 149400

Ion Ratio Lower Upper

76 100

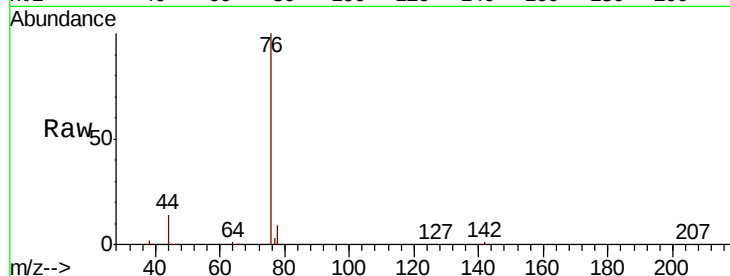
78 9.4 7.5 11.3

Manual Integrations

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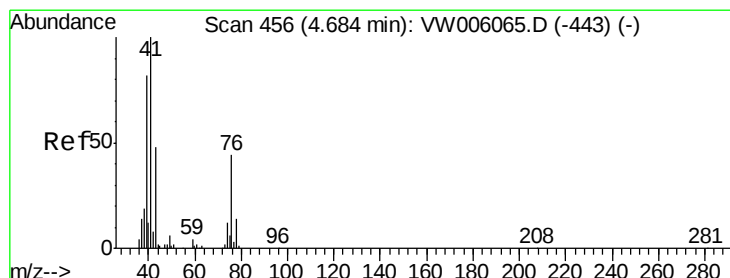
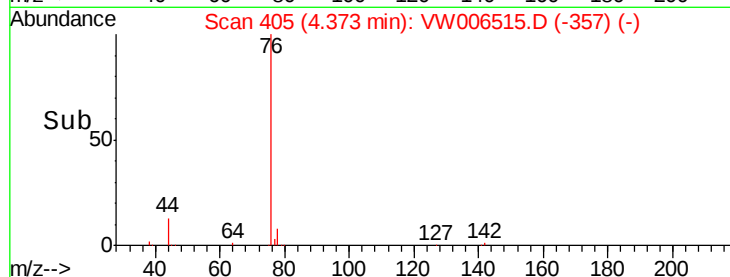
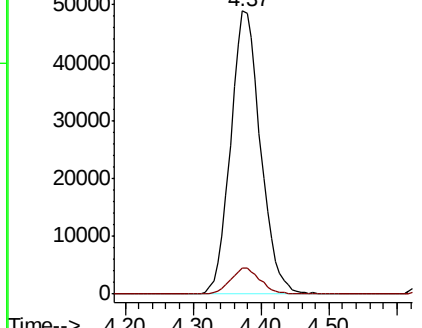
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 74.366 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006515.D

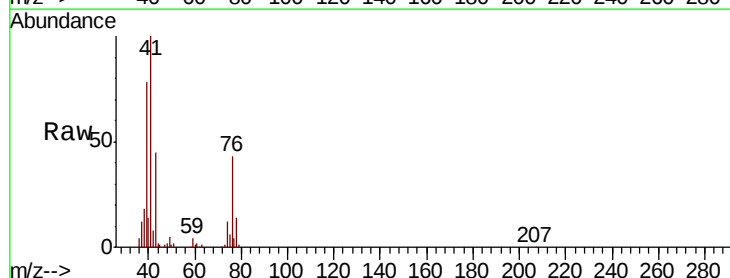
Acq: 30 Oct 2018 21:02

Tgt Ion: 43 Resp: 46593

Ion Ratio Lower Upper

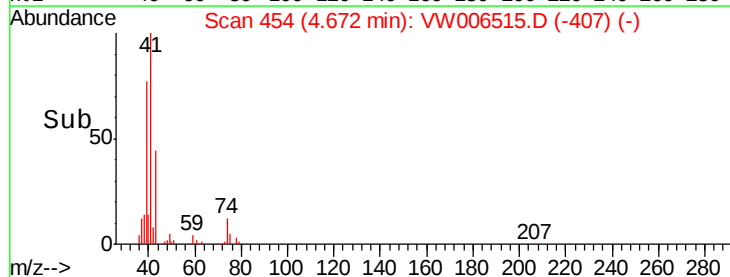
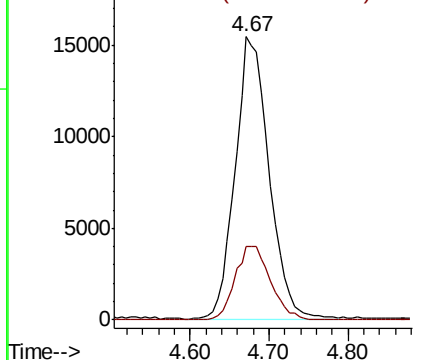
43 100

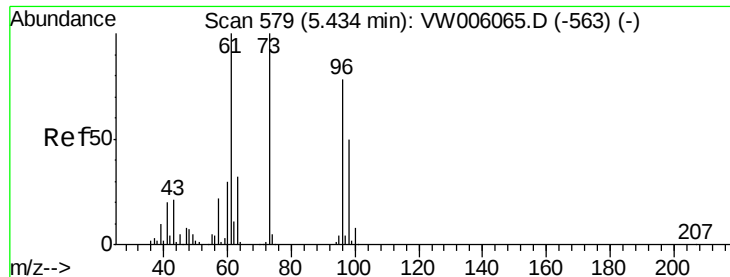
74 26.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





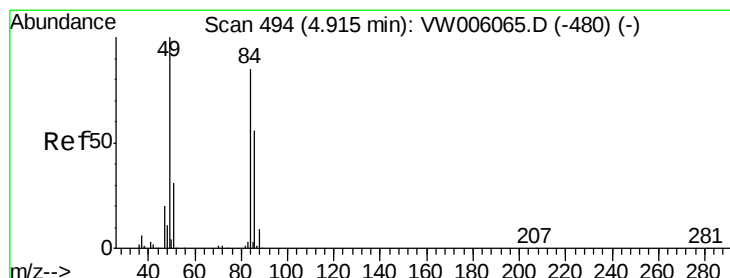
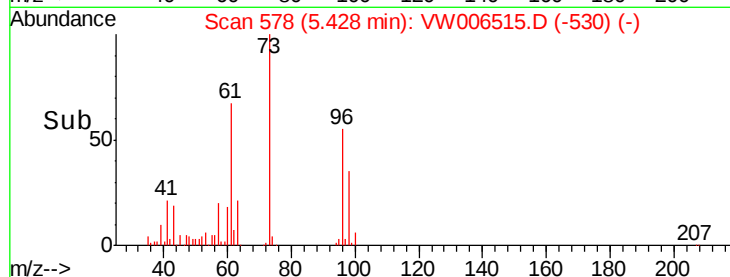
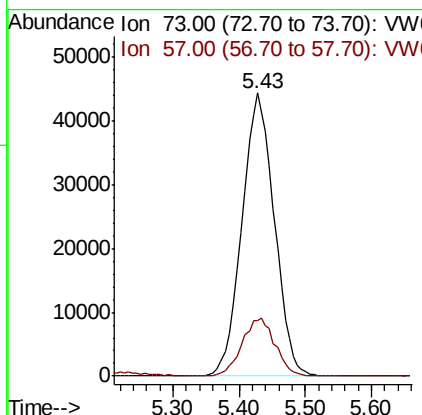
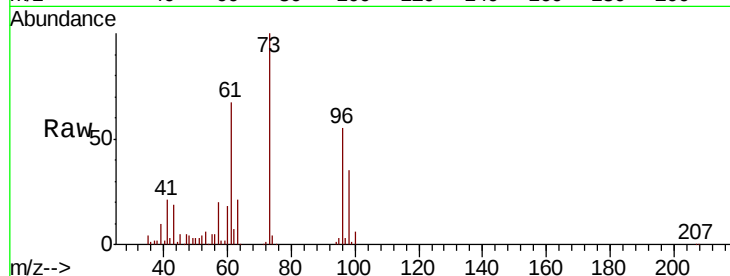
#19
Methyl tert-butyl Ether
Concen: 78.815 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.6	17.4	26.2

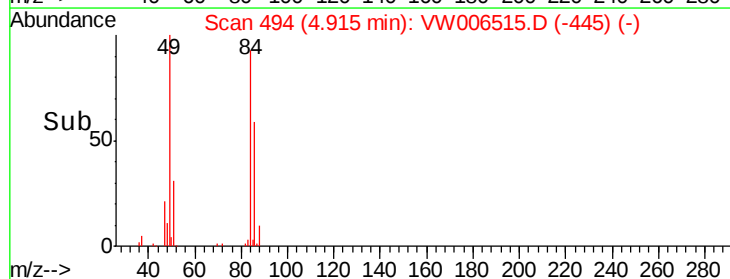
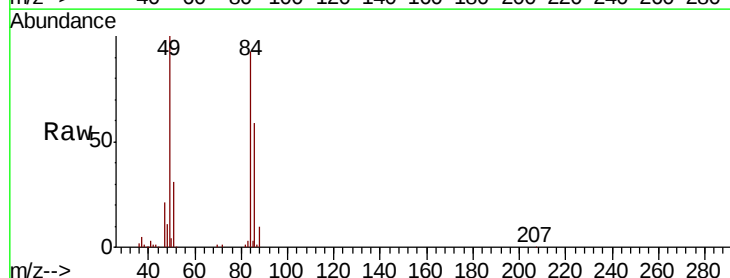
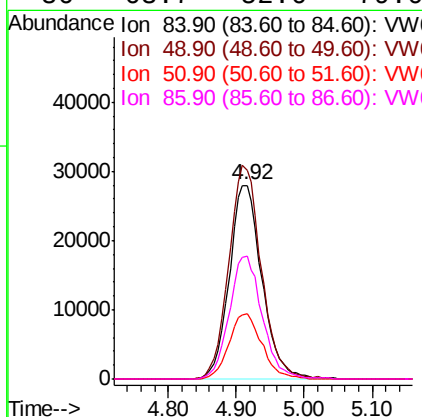
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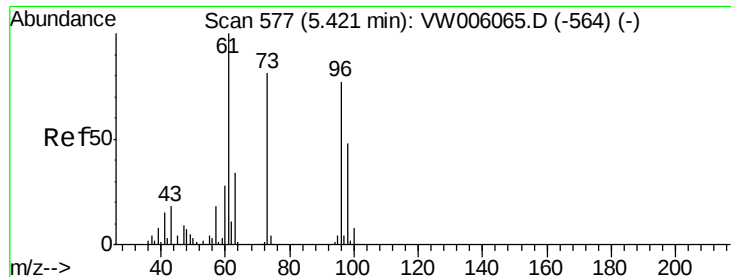
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#20
Methylene Chloride
Concen: 71.139 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.0	93.6	140.4
51	33.6	29.0	43.4
86	63.7	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 52.808 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

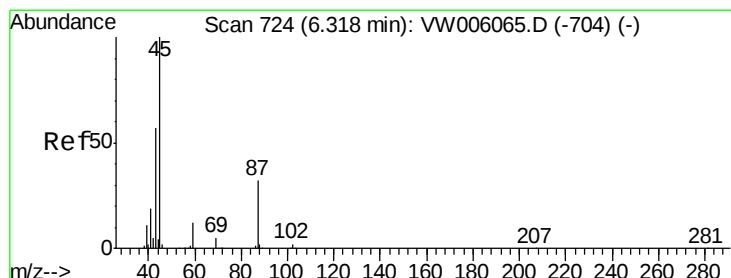
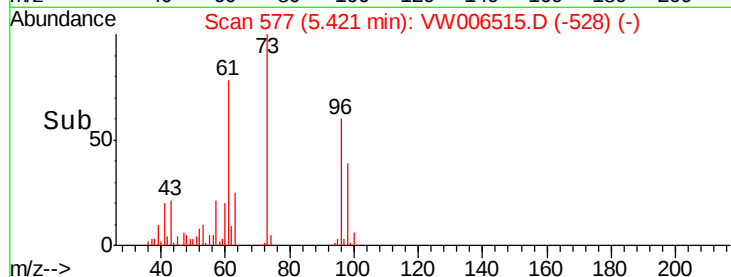
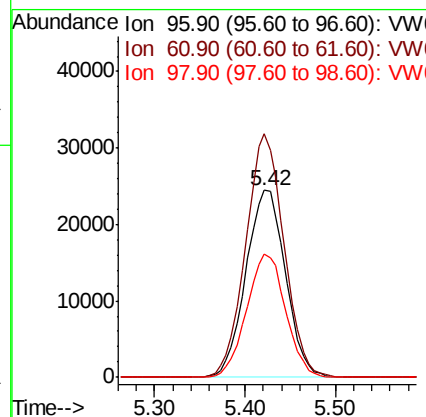
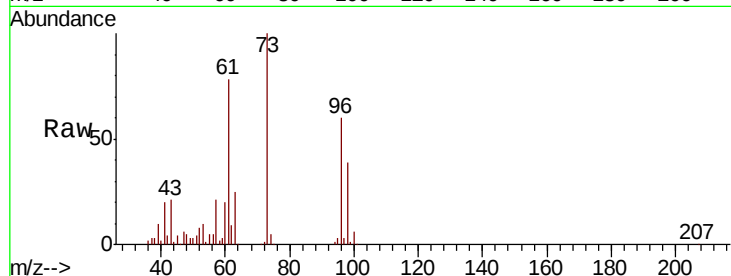
ClientSampleId :

DL-03AMSD

Tot Ion:	96	Resp:	73958
Ion	Ratio	Lower	Upper
96	100		
61	130.2	104.5	156.7
98	66.1	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 77.653 ug/l

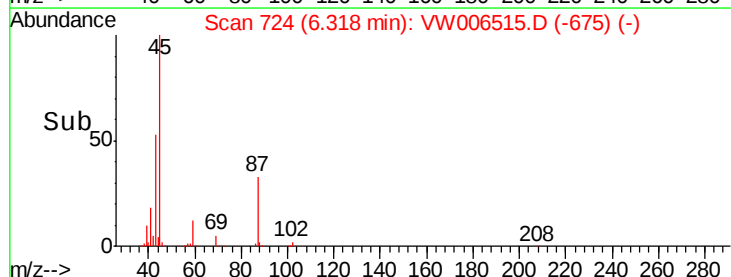
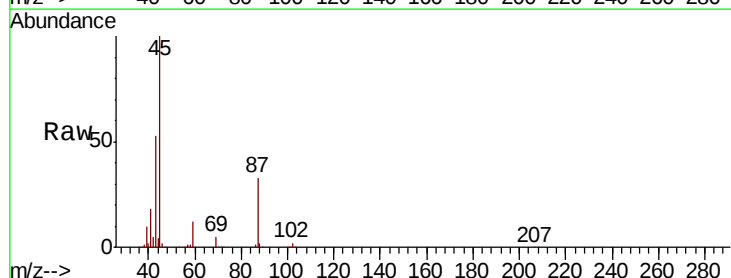
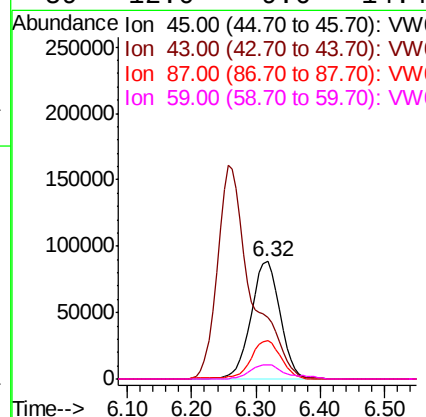
RT: 6.32 min Scan# 724

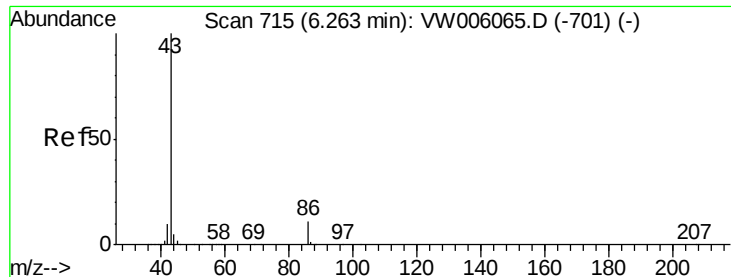
Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion:	45	Resp:	275304
Ion	Ratio	Lower	Upper
45	100		
43	52.3	45.7	68.5
87	32.9	25.9	38.9
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 281.761 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMSD

Tot Ion: 43 Resp: 589523

Ion Ratio Lower Upper

43 100

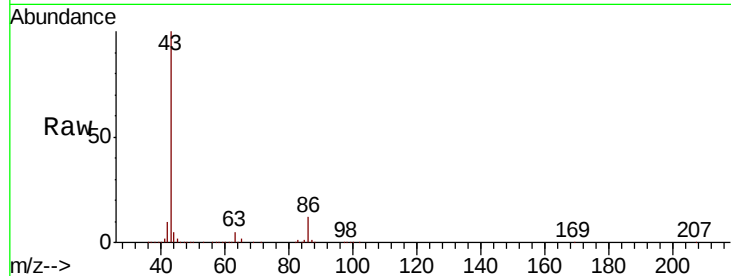
86 11.9 9.0 13.6

Manual Integrations

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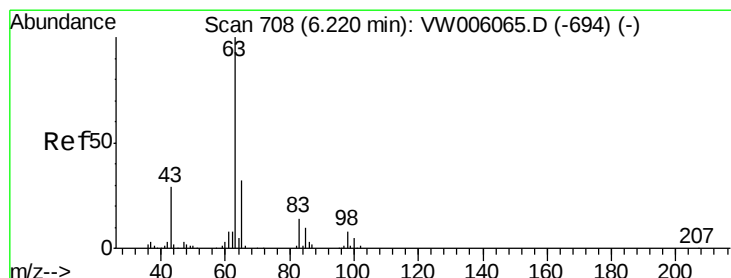
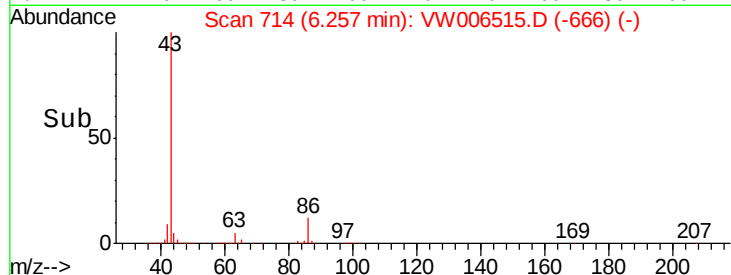
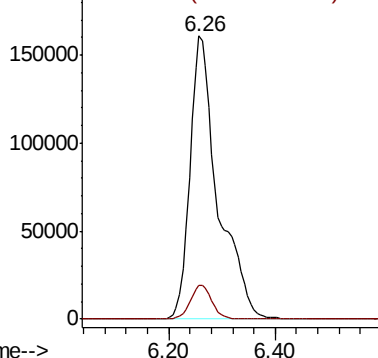
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 71.823 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

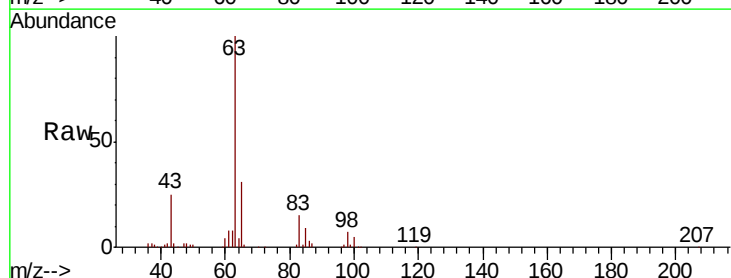
Tgt Ion: 63 Resp: 164305

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

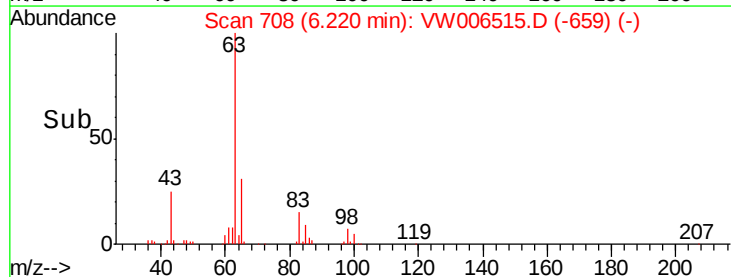
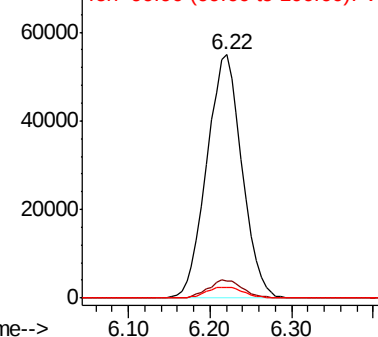
100 4.6 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 314.414 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

DL-03AMSD

Tot Ion: 43 Resp: 105748

Ion Ratio Lower Upper

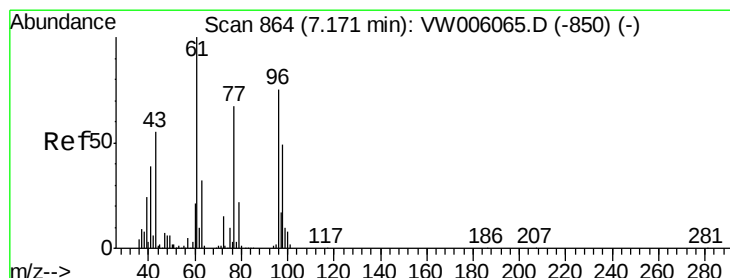
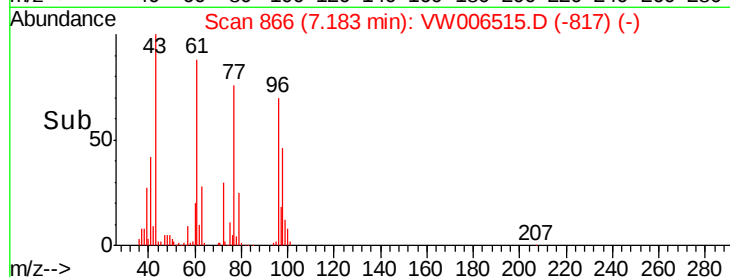
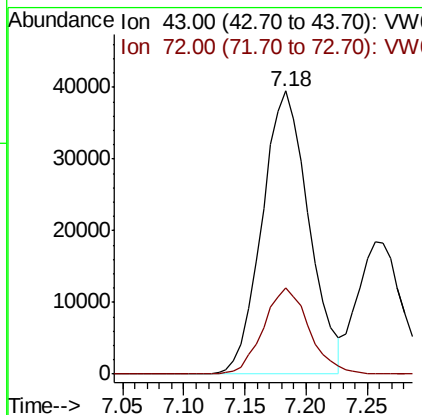
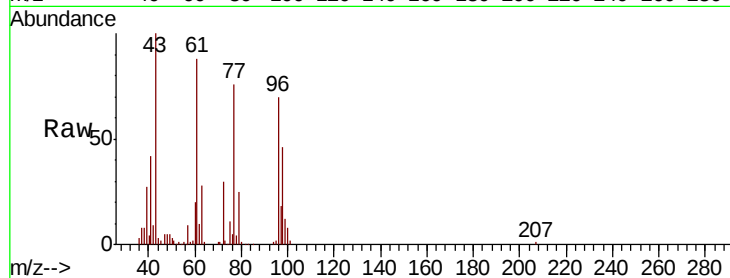
43 100

72 30.4 22.8 34.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 69.634 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006515.D

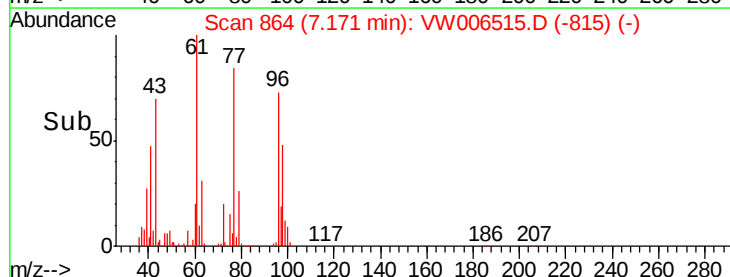
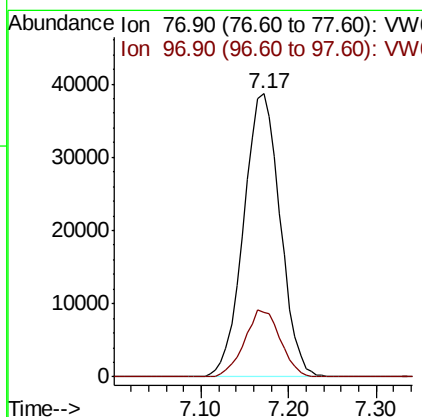
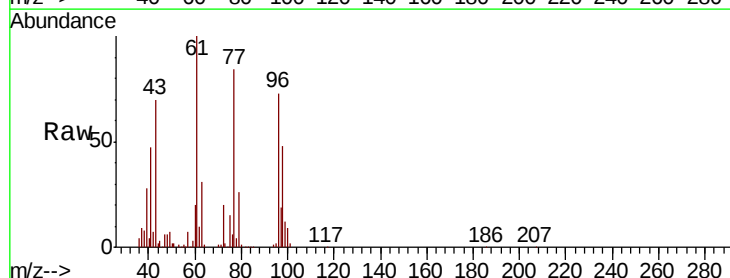
Acq: 30 Oct 2018 21:02

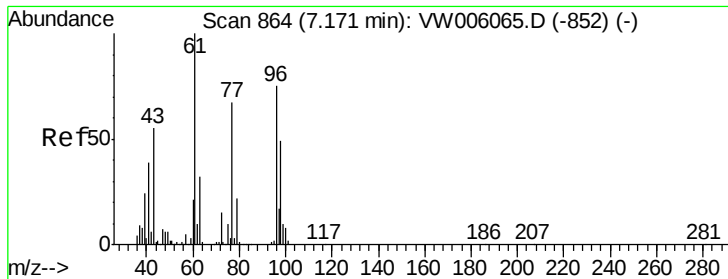
Tgt Ion: 77 Resp: 112352

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.4





#27

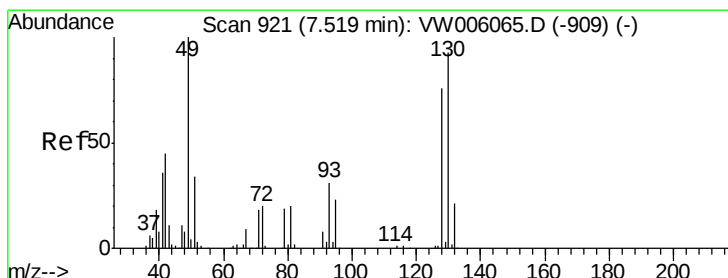
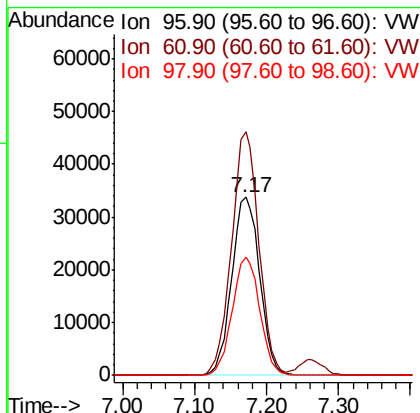
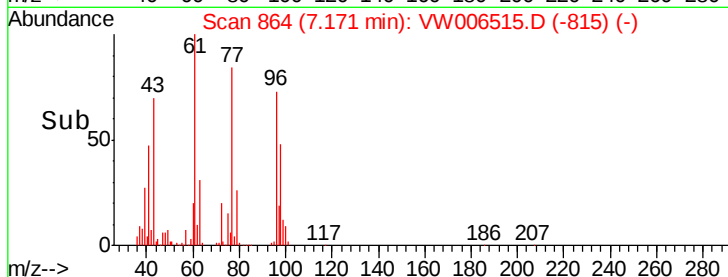
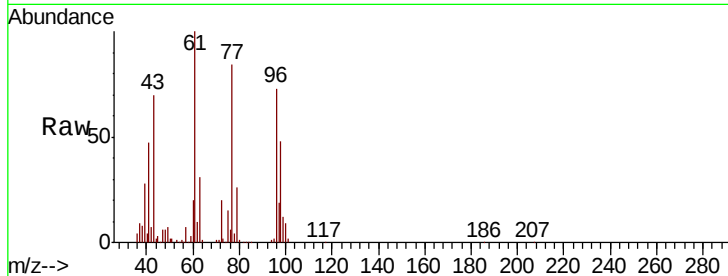
cis-1,2-Dichloroethene
Concen: 58.979 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	267.2
98	65.0	0.0	128.6

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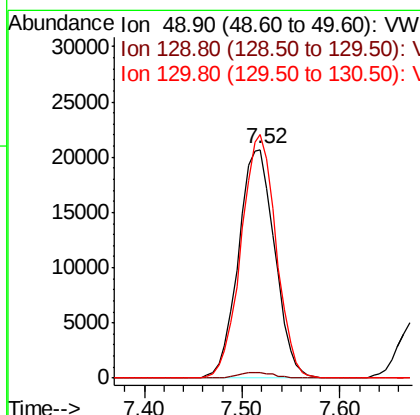
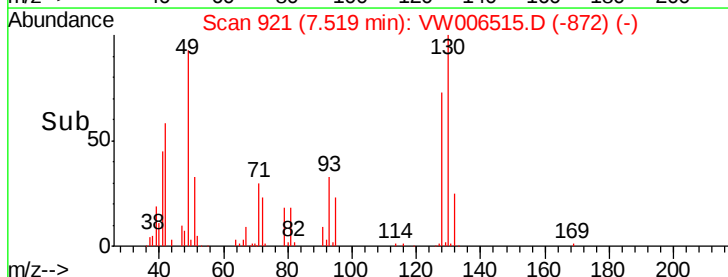
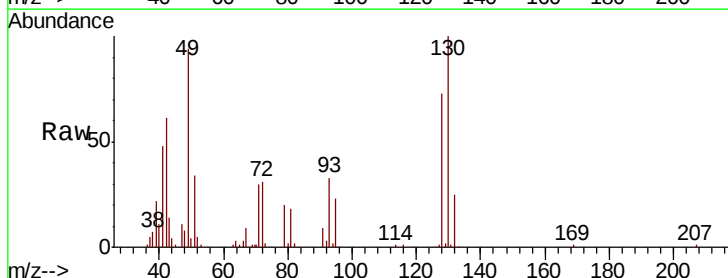
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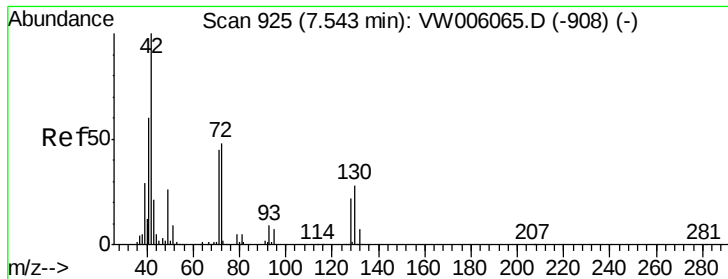


#28

Bromochloromethane
Concen: 60.363 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	102.4	73.8	110.8





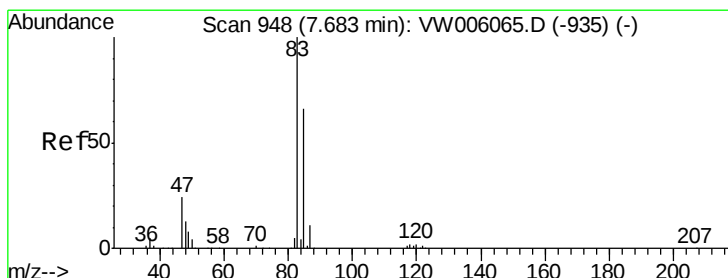
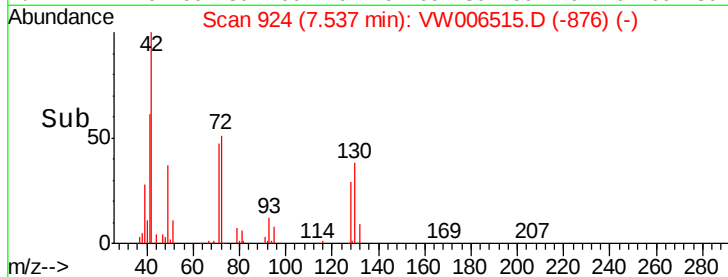
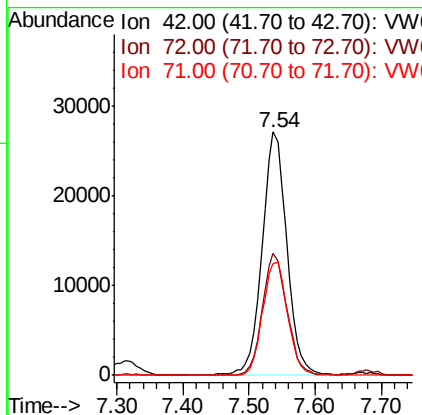
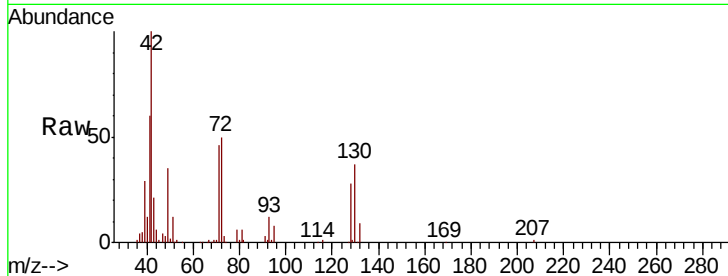
#29
Tetrahydrofuran
Concen: 340.342 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion:	42	Resp:	70361
Ion Ratio	Lower	Upper	
42	100		
72	49.7	38.0	57.0
71	47.1	35.3	52.9

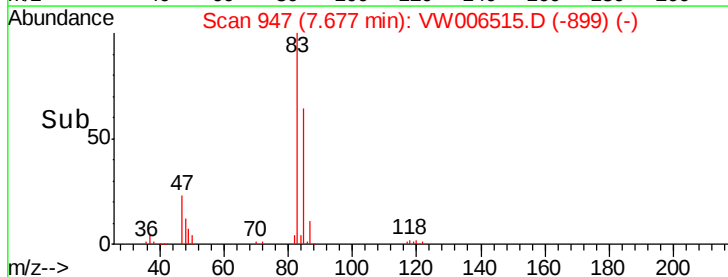
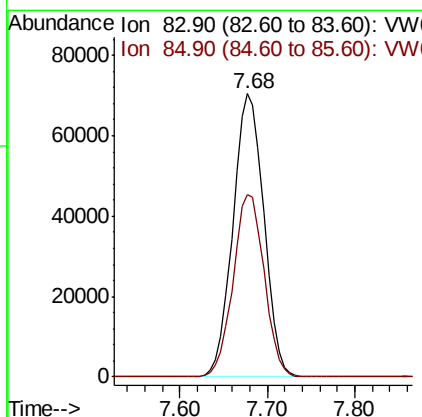
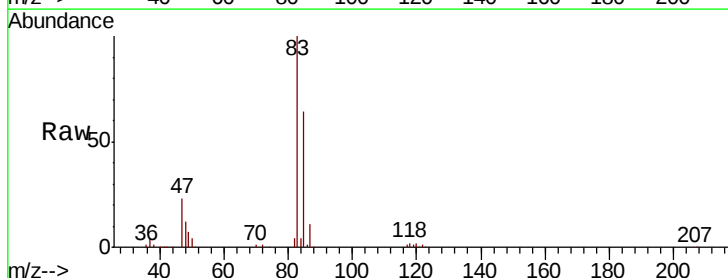
Manual Integrations
APPROVED

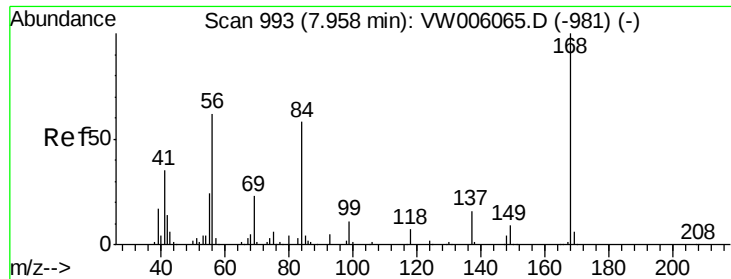
MMDadoda
10/31/2018 12:31:36 PM



#30
Chloroform
Concen: 69.468 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion:	83	Resp:	173142
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.6	79.0





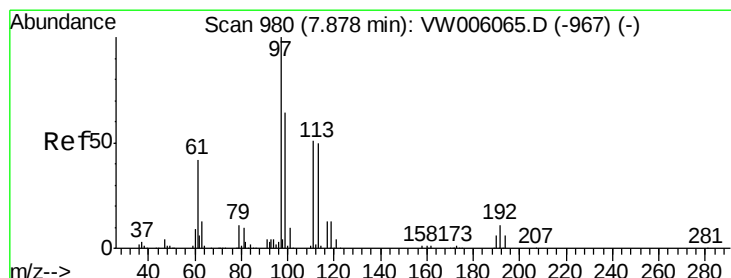
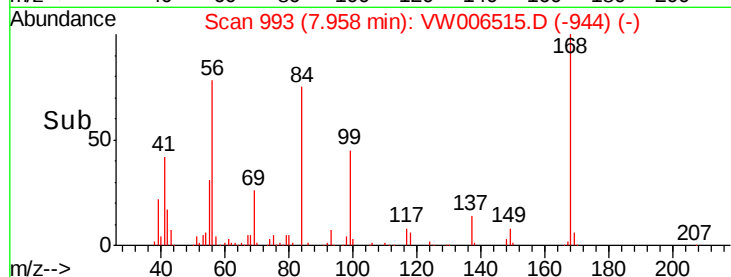
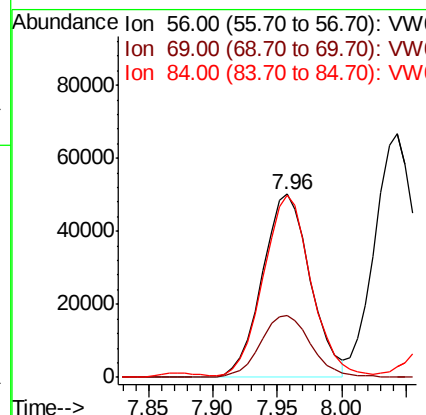
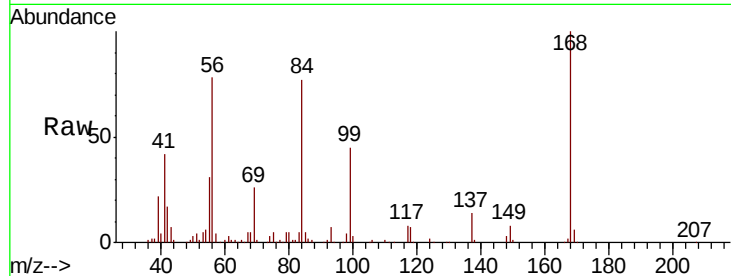
#31
Cyclohexane
Concen: 56.917 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	29.4	44.0
84	97.5	74.0	111.0

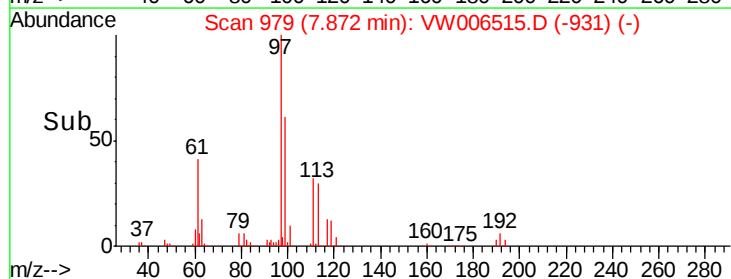
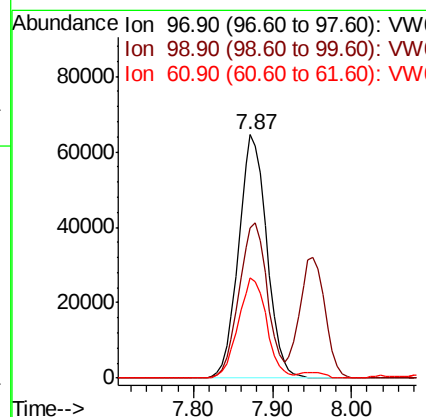
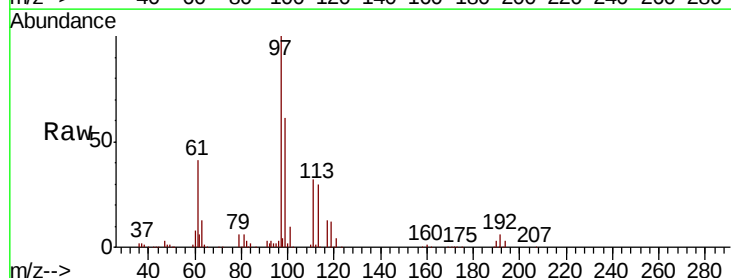
Manual Integrations
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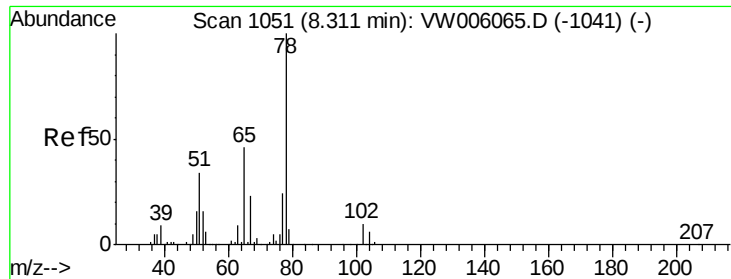
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 71.398 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.9	76.3
61	41.7	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 53.959 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMSD

Tot Ion: 65 Resp: 67178

Ion Ratio Lower Upper

65 100

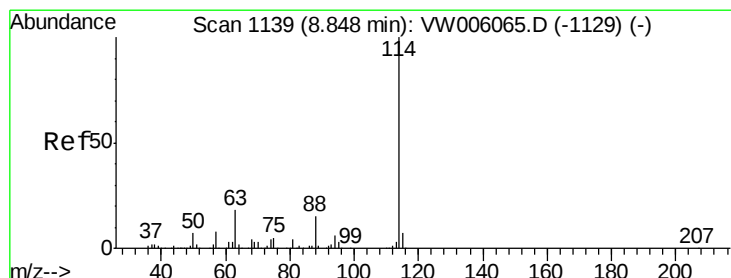
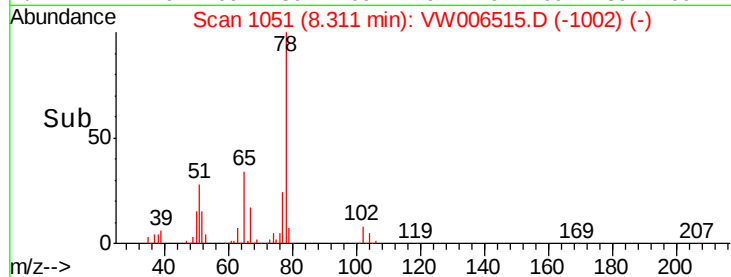
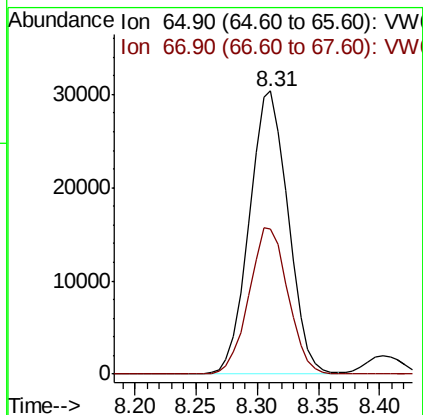
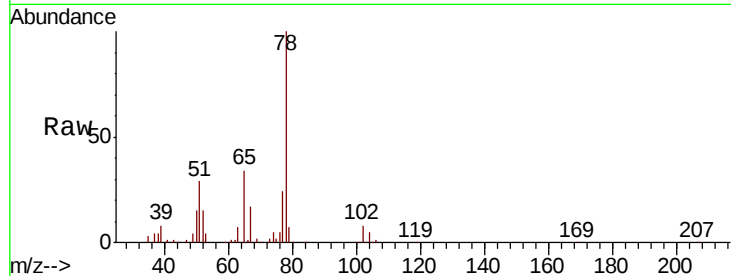
67 51.8 0.0 101.0

Manual Integrations

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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: VW006515.D

Acq: 30 Oct 2018 21:02

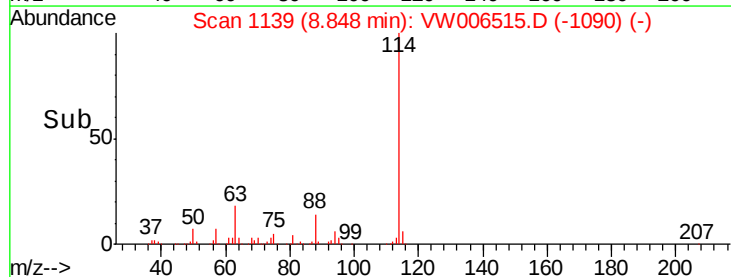
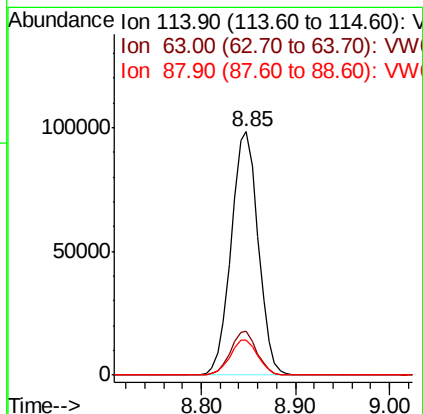
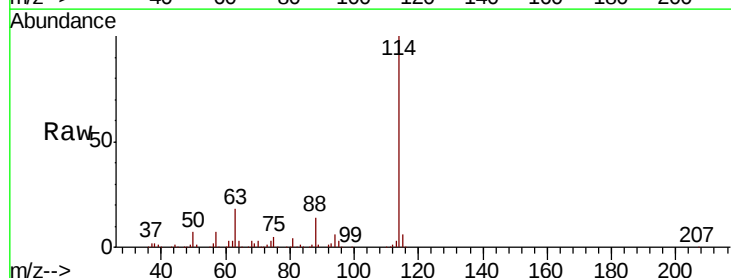
Tgt Ion: 114 Resp: 195906

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 64.345 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

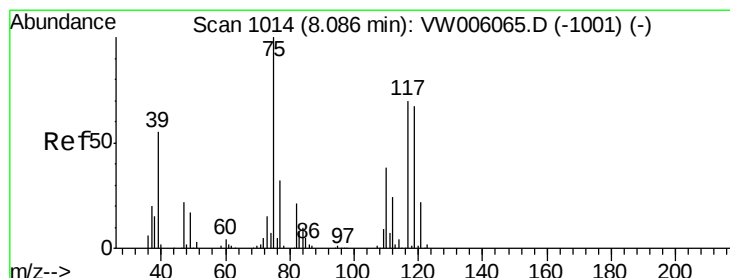
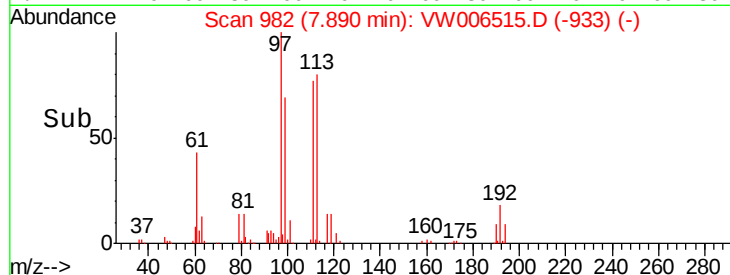
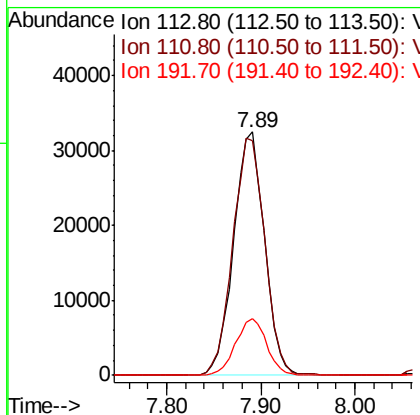
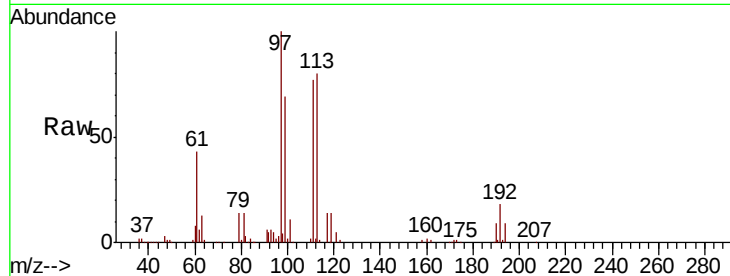
ClientSampleId :

DL-03AMSD

Tot Ion:	113	Resp:	74486
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.4	122.0
192	23.3	18.7	28.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 57.031 ug/l

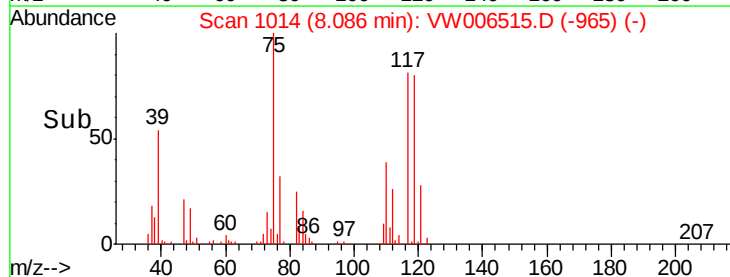
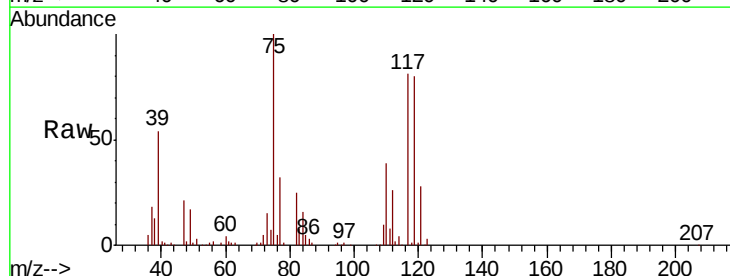
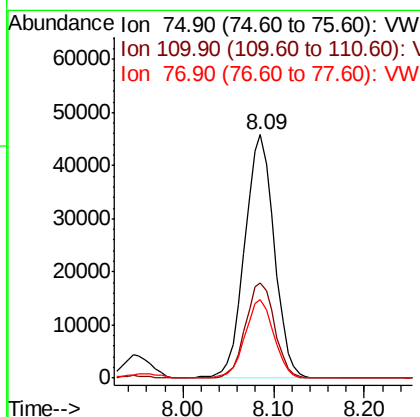
RT: 8.09 min Scan# 1014

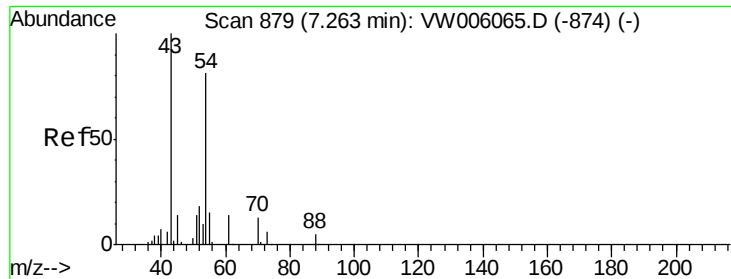
Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion:	75	Resp:	102982
Ion Ratio	Lower	Upper	
75	100		
110	38.8	19.1	57.1
77	31.7	25.0	37.4





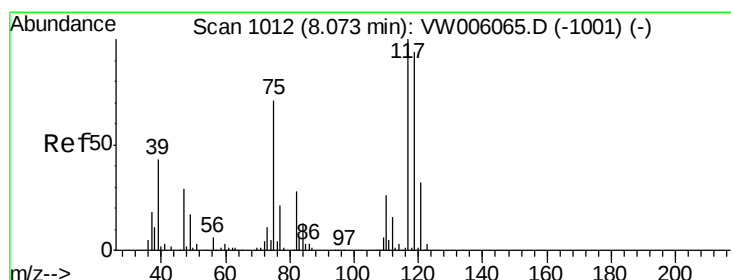
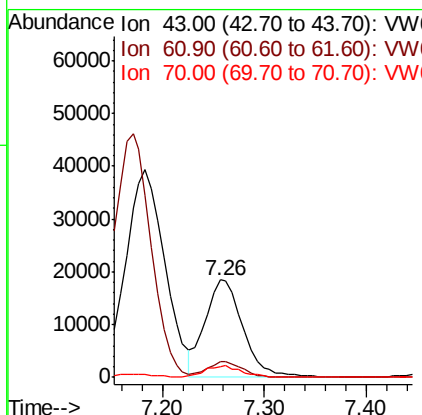
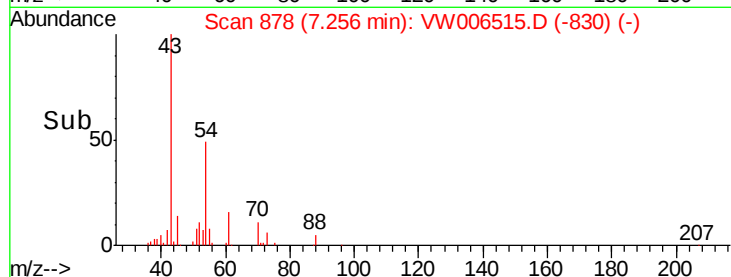
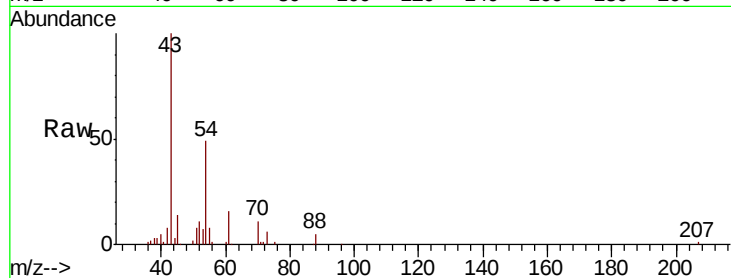
#37
Ethyl Acetate
Concen: 70.685 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	11.6	9.2	13.8

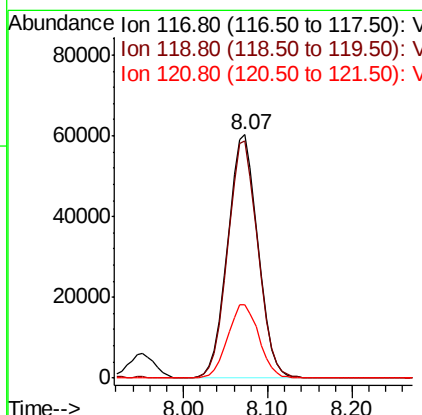
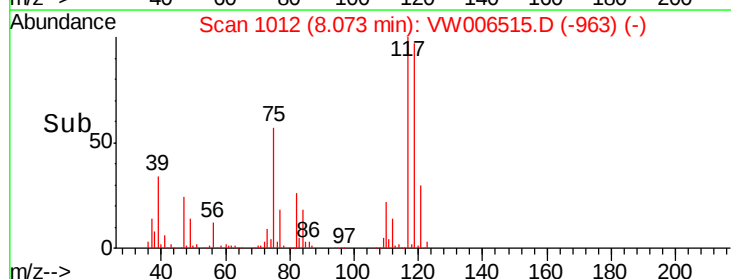
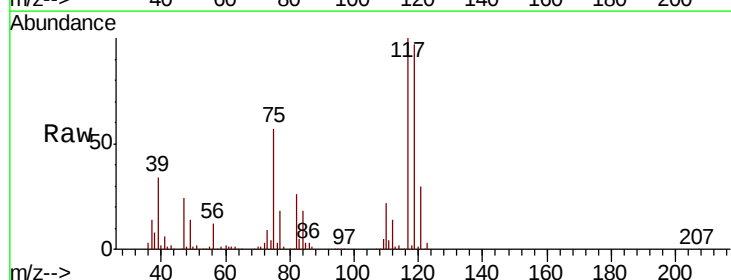
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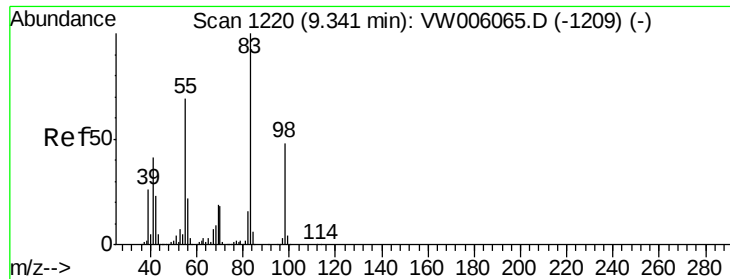
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#38
Carbon Tetrachloride
Concen: 74.316 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.2	112.8
121	30.3	25.3	37.9





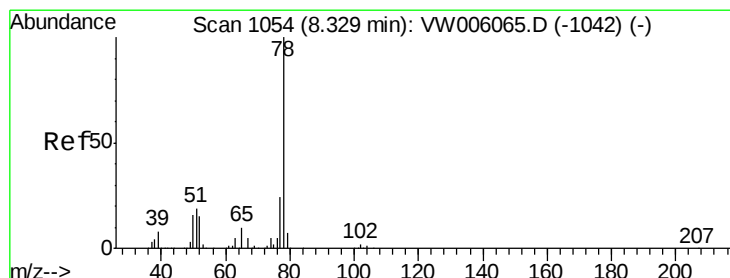
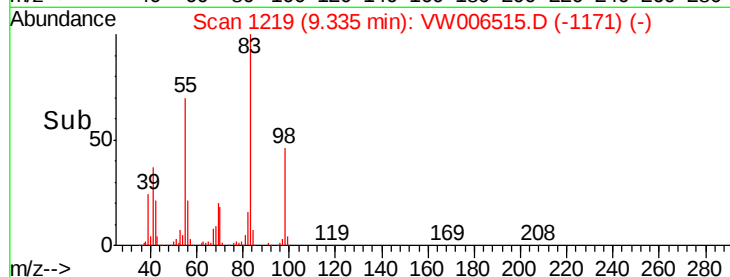
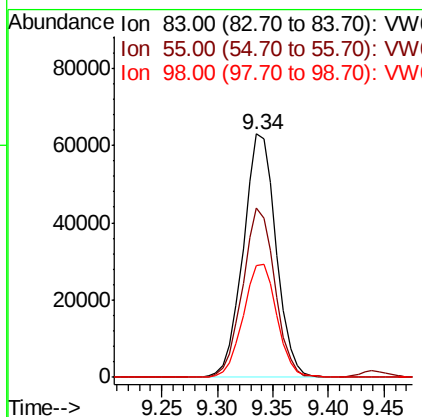
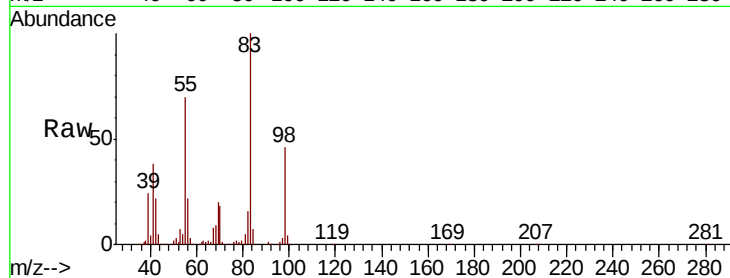
#39
Methvlcvclohexane
Concen: 53.695 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	55.0	82.6
98	46.1	38.6	57.8

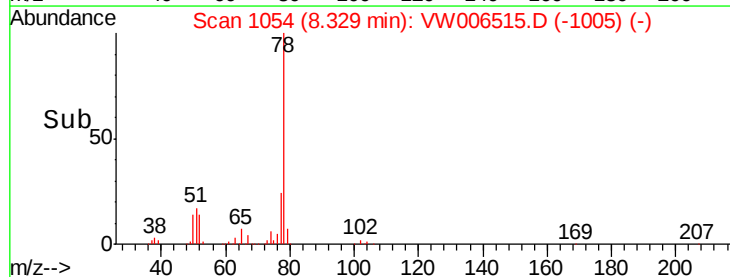
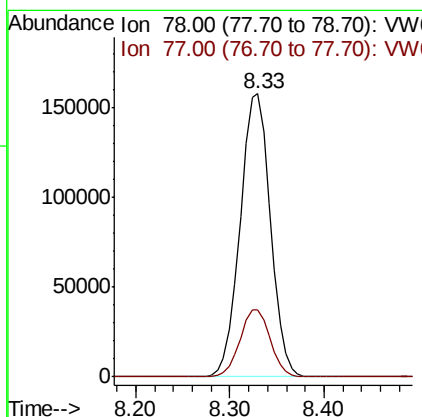
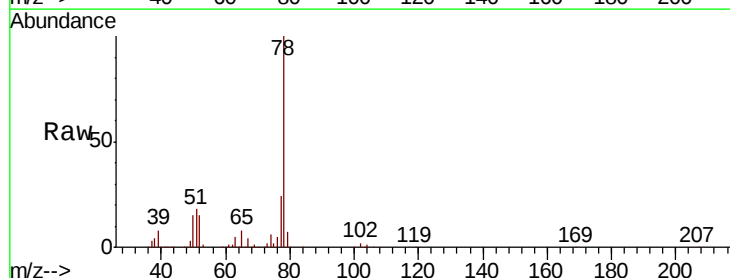
Manual Integrations
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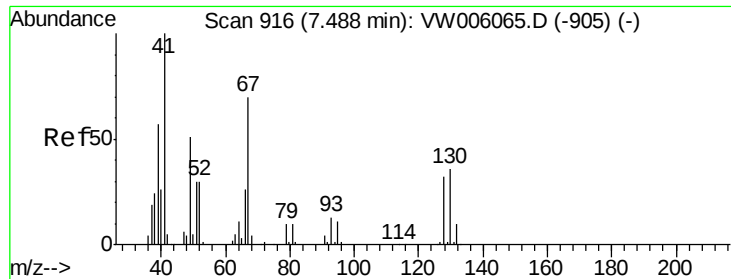
MMDadoda
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#40
Benzene
Concen: 71.526 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





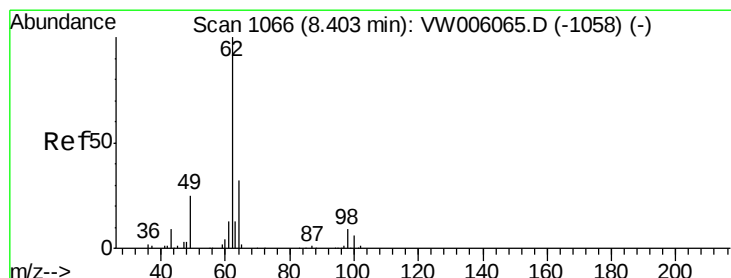
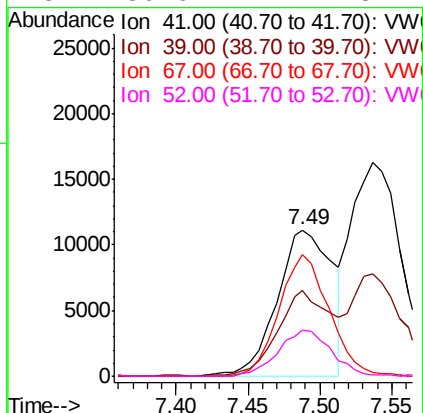
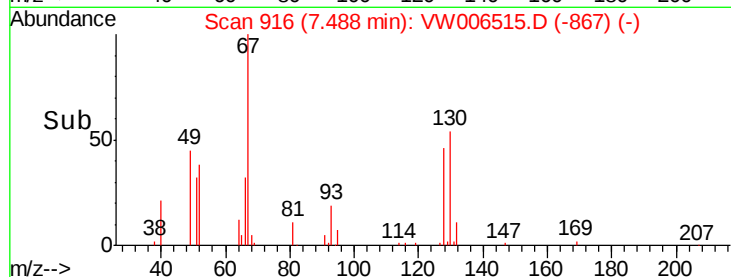
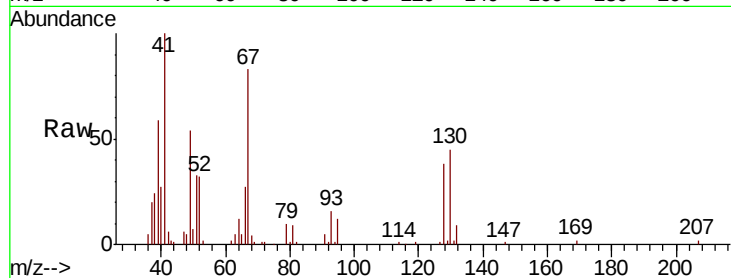
#41
Methacrylonitrile
Concen: 73.462 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleID :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	46.2	69.4
67	75.7	57.7	86.5
52	30.6	24.7	37.1

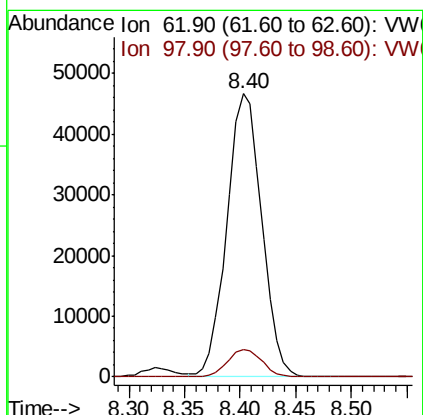
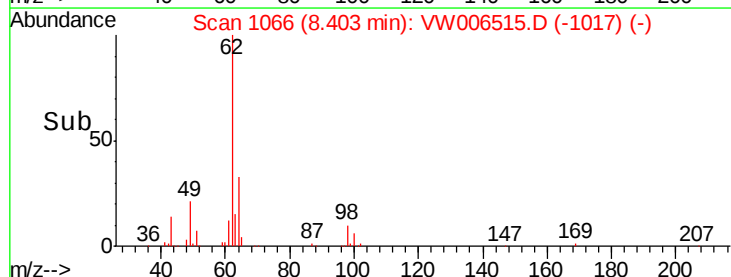
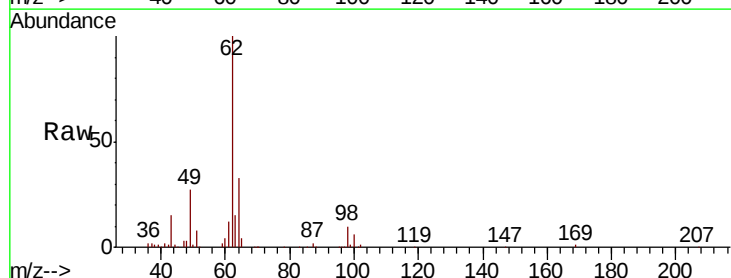
Manual Integrations
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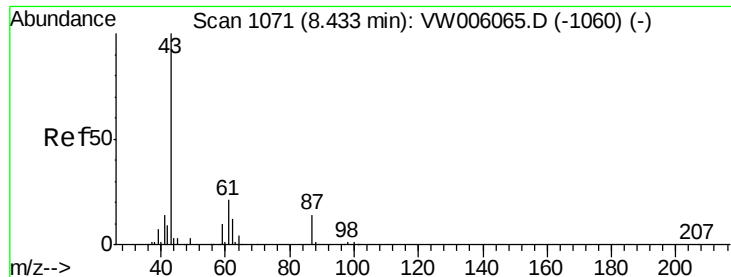
MMDadoda
10/31/2018 12:31:36 PM



#42
1,2-Dichloroethane
Concen: 69.573 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4





#43

Isopropyl Acetate

Concen: 72.842 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

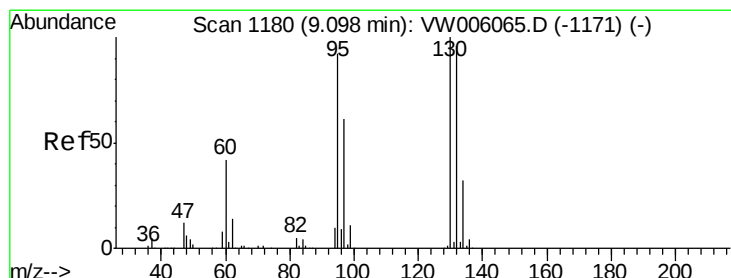
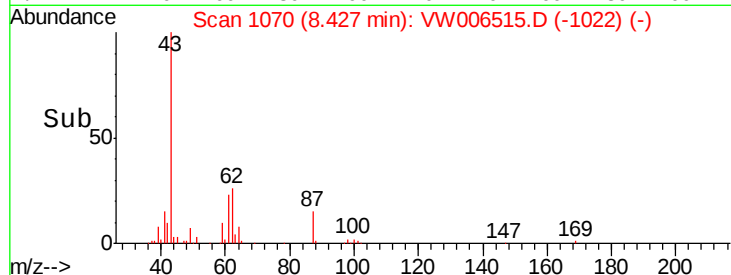
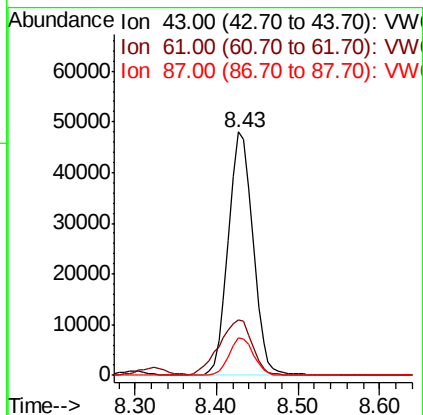
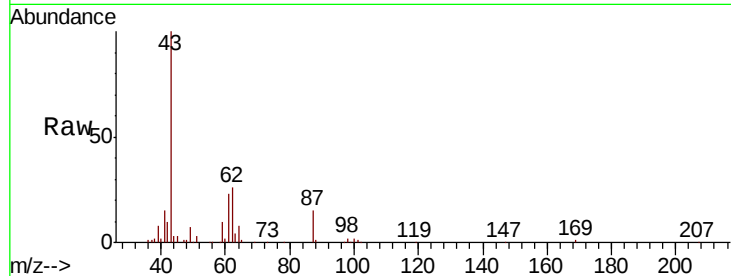
ClientSampleId :

DL-03AMSD

Tot Ion:	43	Resp:	99920
Ion	Ratio	Lower	Upper
43	100		
61	30.7	25.5	38.3
87	15.2	11.7	17.5

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#44

Trichloroethene

Concen: 56.285 ug/l

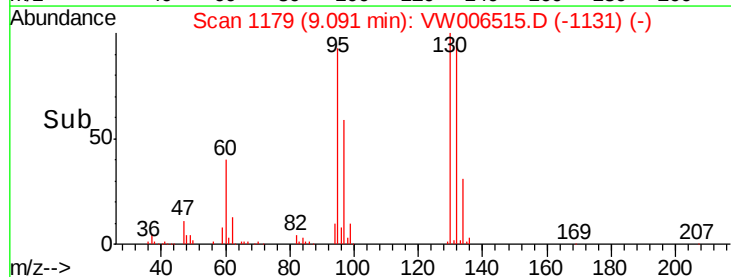
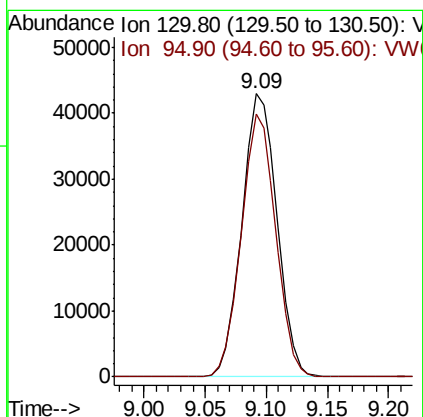
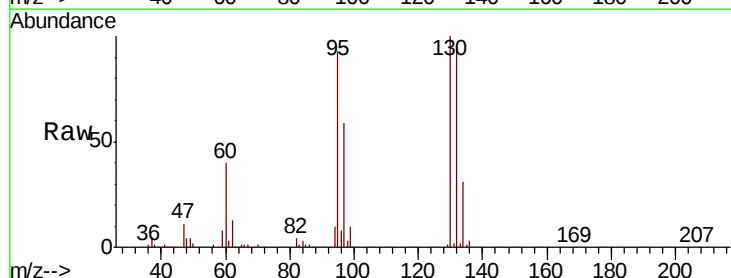
RT: 9.09 min Scan# 1179

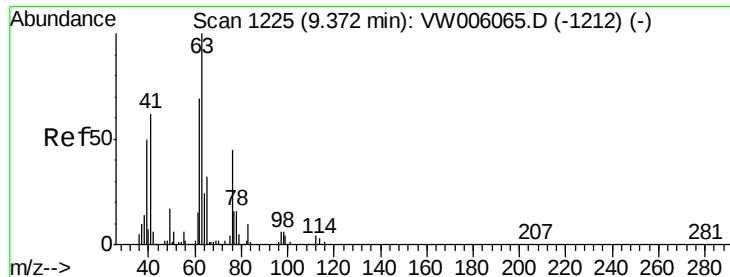
Delta R.T. -0.01 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion:	130	Resp:	85532
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	183.2





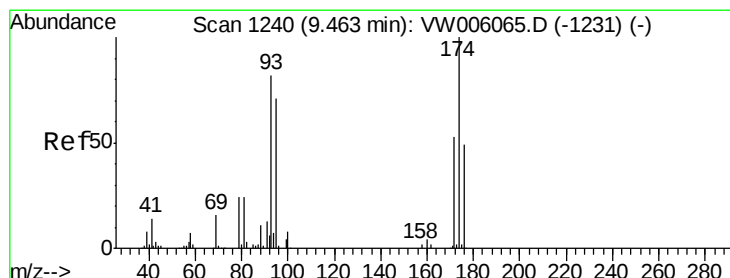
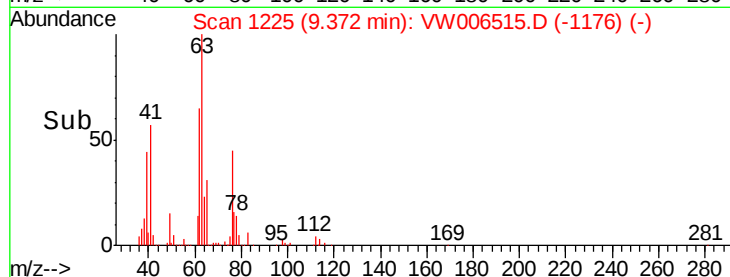
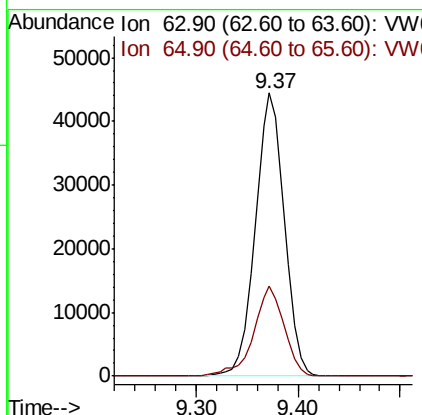
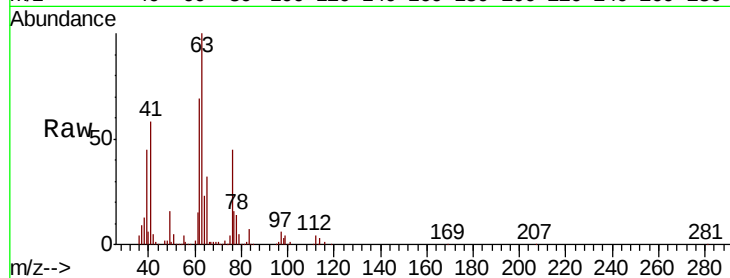
#45
 1,2-Dichloropropane
 Concen: 74.181 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.4	38.0

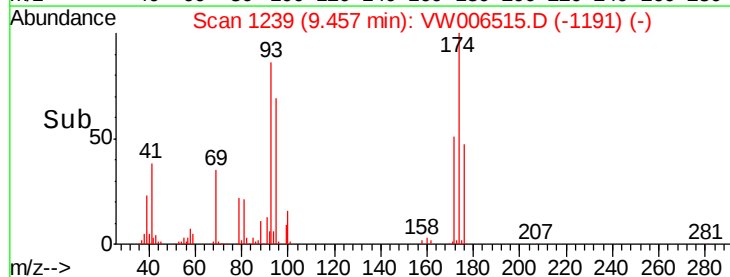
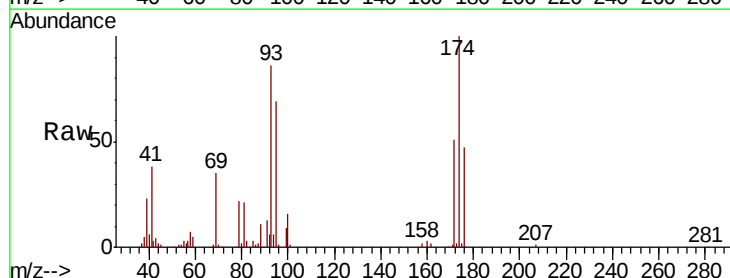
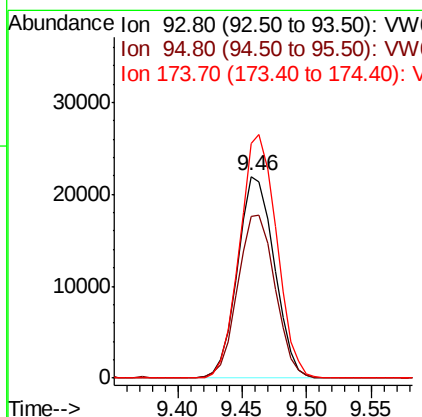
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#46
 Dibromomethane
 Concen: 64.455 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.7	101.5
174	120.7	93.7	140.5





#47

Bromodichloromethane

Concen: 69.239 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

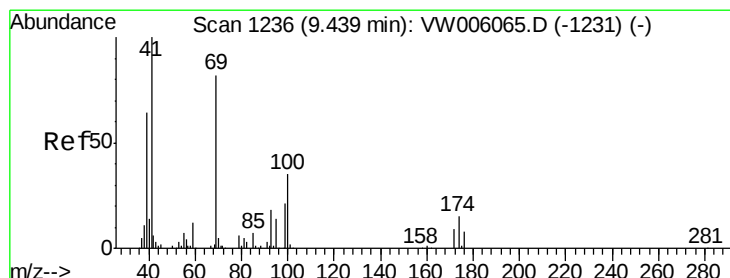
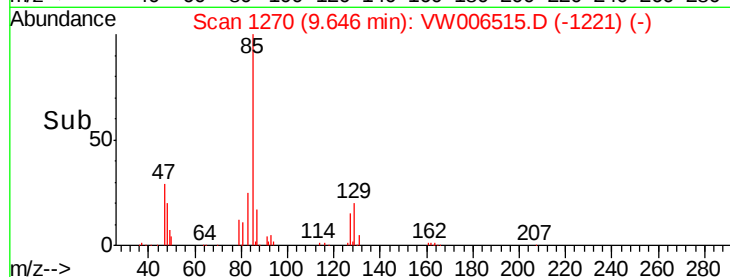
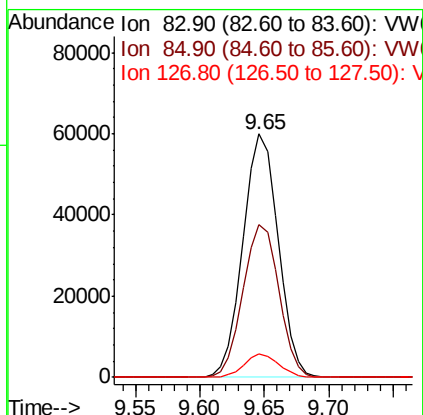
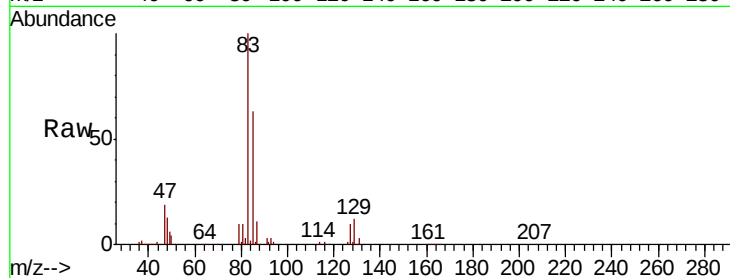
ClientSampleId :

DL-03AMSD

Tot Ion:	83	Resp:	113401
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.8	77.8
127	9.6	6.9	10.3

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#48

Methyl methacrylate

Concen: 65.269 ug/l

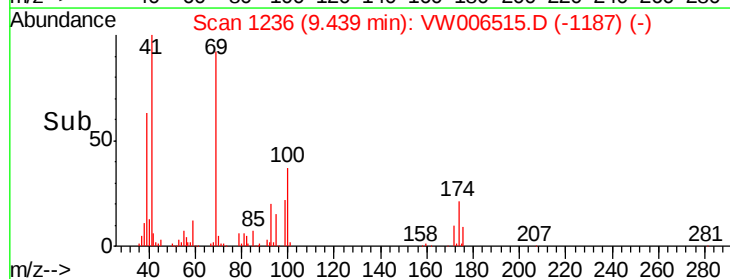
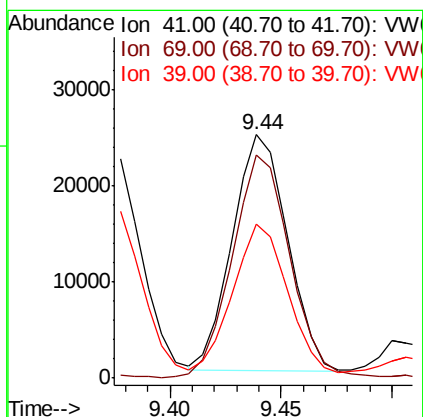
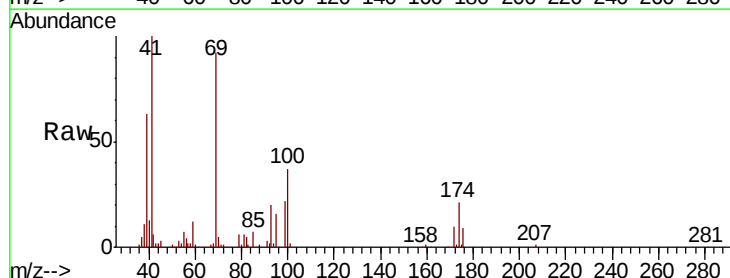
RT: 9.44 min Scan# 1236

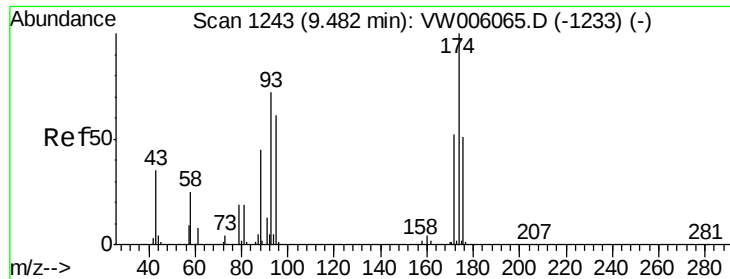
Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion:	41	Resp:	42439
Ion Ratio	Lower	Upper	
41	100		
69	97.9	71.8	107.8
39	66.4	52.5	78.7





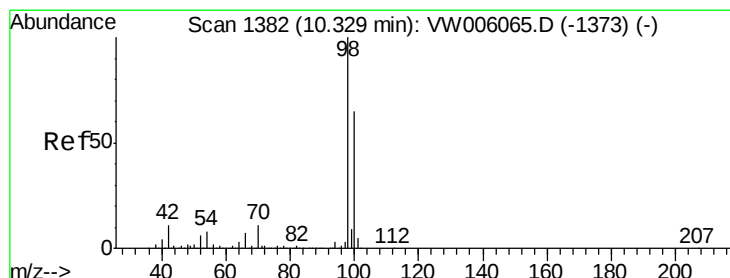
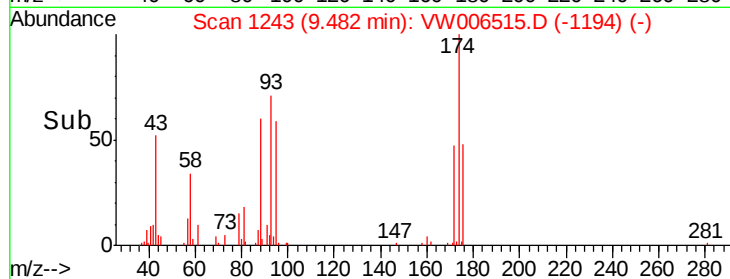
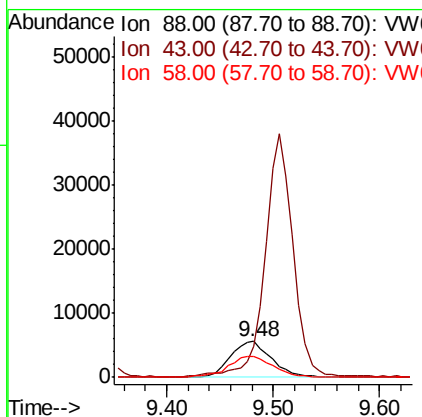
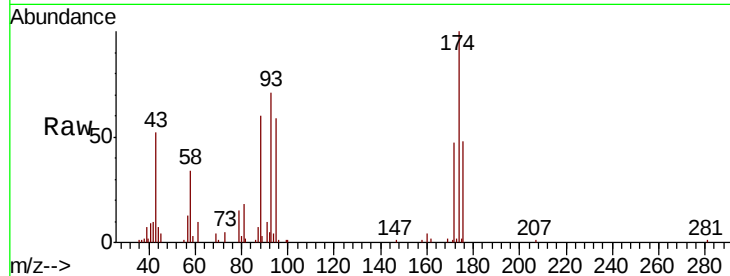
#49
1,4-Dioxane
Concen: 1449.745 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.1	51.2	76.8

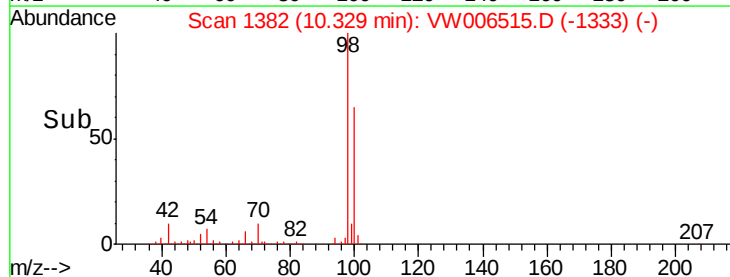
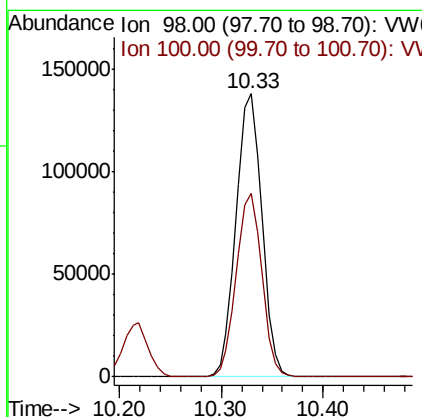
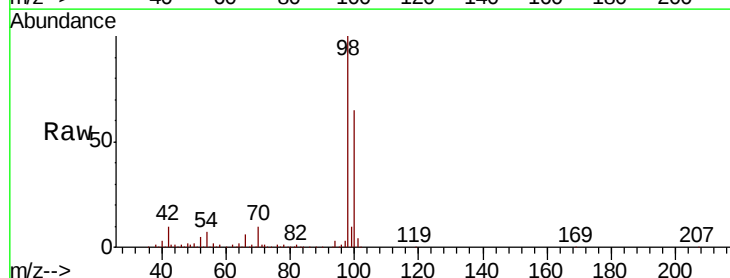
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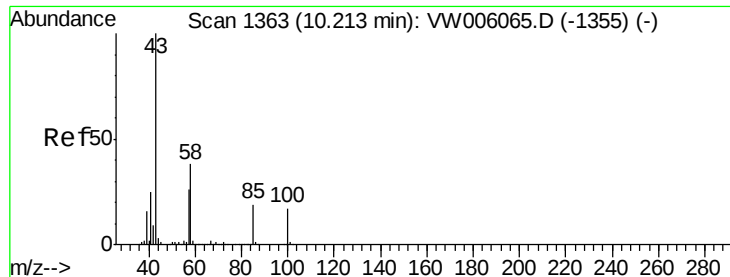
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#50
Toluene-d8
Concen: 54.924 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 363.695 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMSD

Tot Ion: 43 Resp: 249963

Ion Ratio Lower Upper

43 100

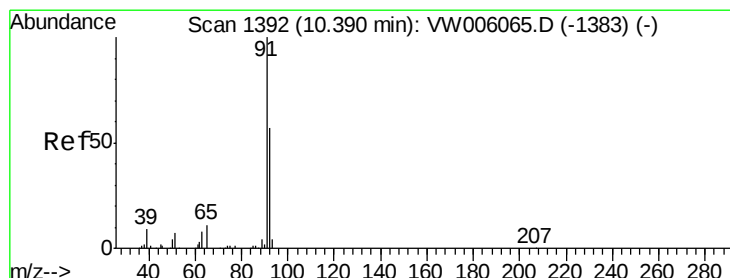
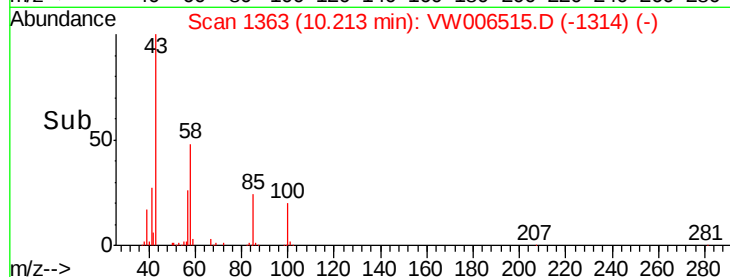
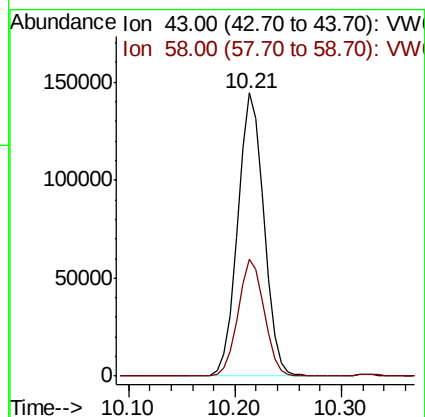
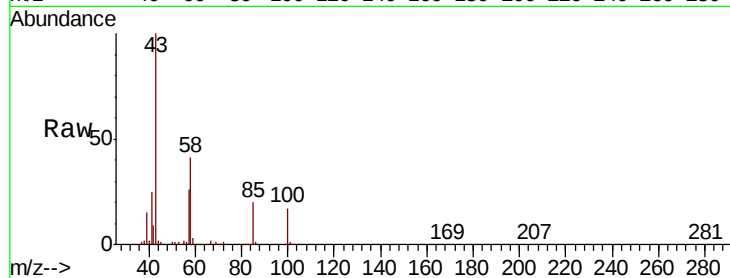
58 41.3 31.5 47.3

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#52

Toluene

Concen: 62.449 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006515.D

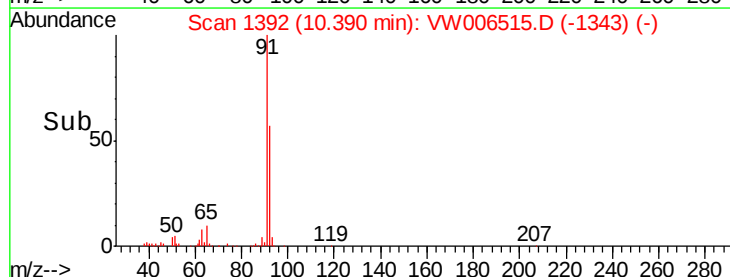
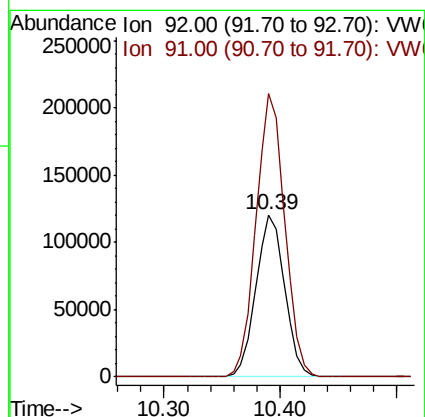
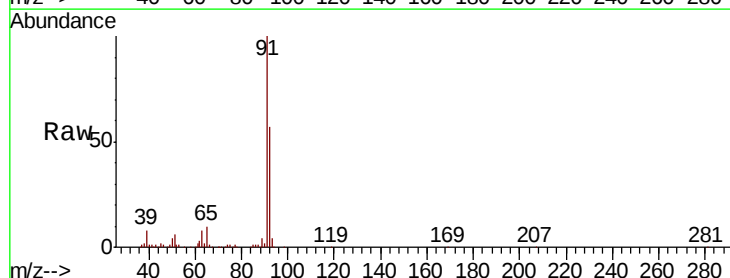
Acq: 30 Oct 2018 21:02

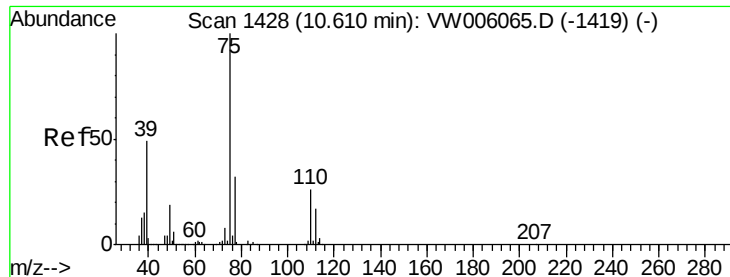
Tgt Ion: 92 Resp: 207376

Ion Ratio Lower Upper

92 100

91 175.1 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 48.399 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

DL-03AMSD

Tot Ion: 75 Resp: 78977

Ion Ratio Lower Upper

75 100

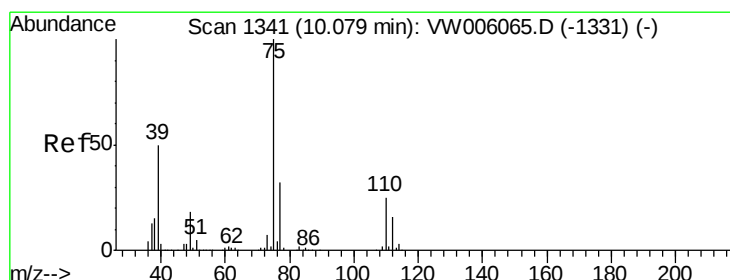
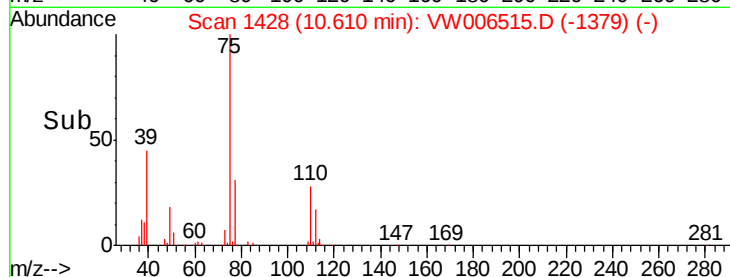
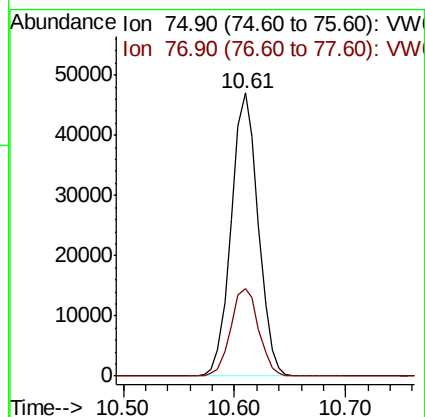
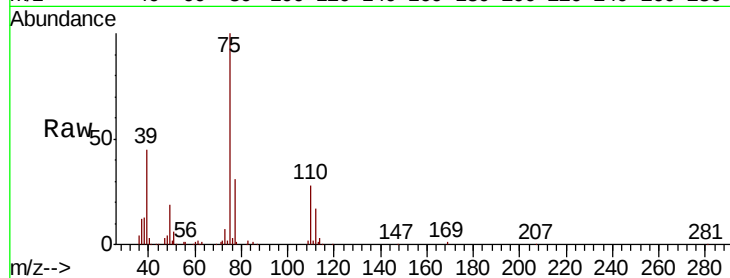
77 31.1 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 57.578 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

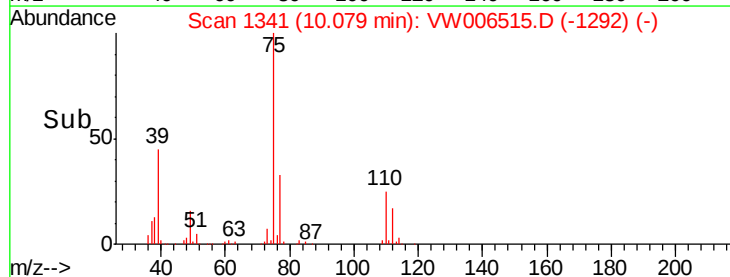
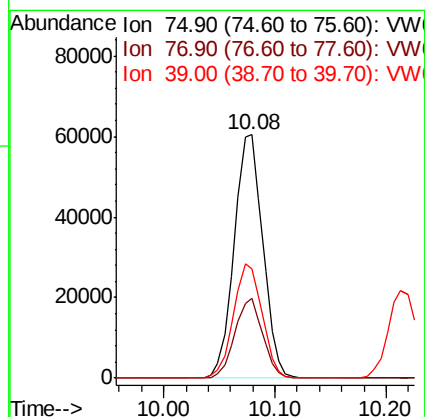
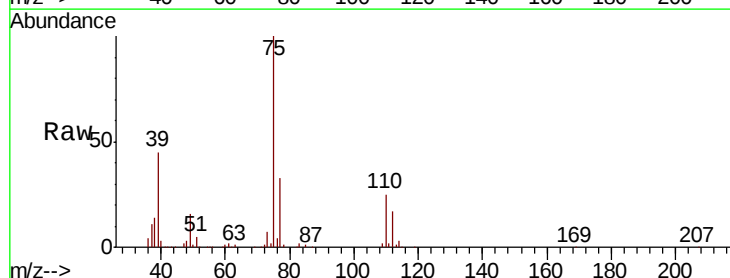
Tgt Ion: 75 Resp: 107833

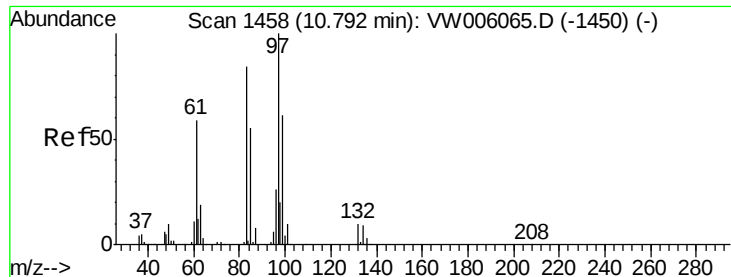
Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8

39 45.0 39.9 59.9





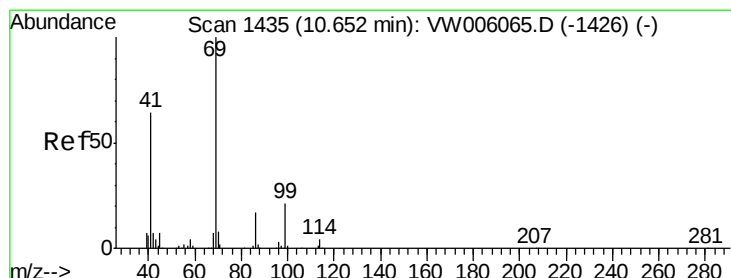
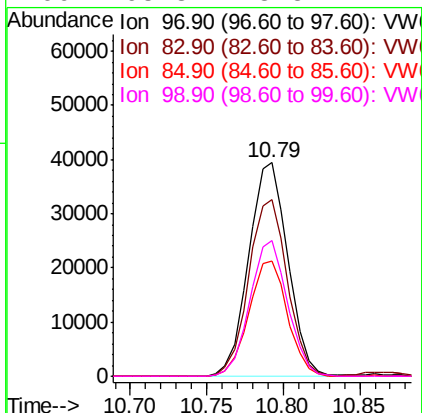
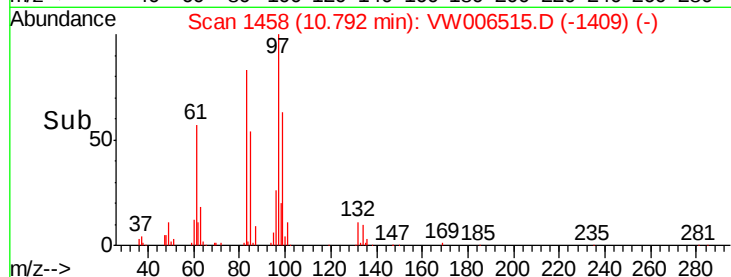
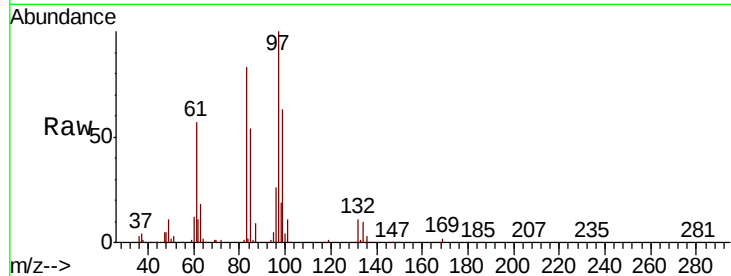
#55
 1,1,2-Trichloroethane
 Concen: 74.424 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		70357		
83	82.9	67.2	100.8		
85	53.9	43.7	65.5		
99	63.3	48.5	72.7		

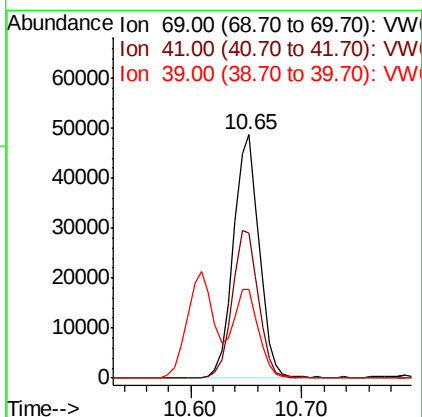
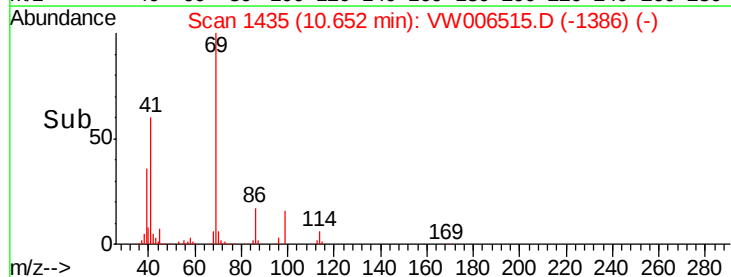
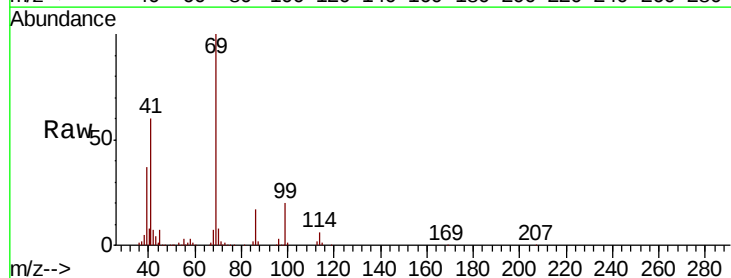
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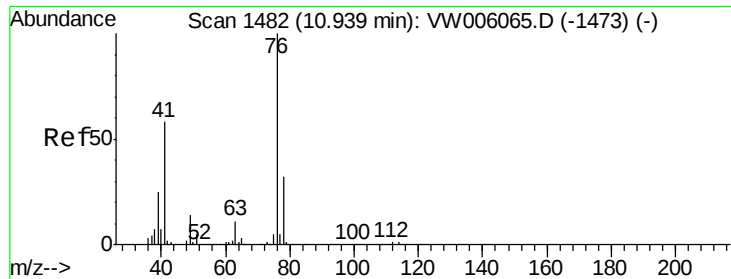
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#56
 Ethyl methacrylate
 Concen: 66.388 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		76939		
41	62.9	52.8	79.2		
39	37.1	30.6	45.8		





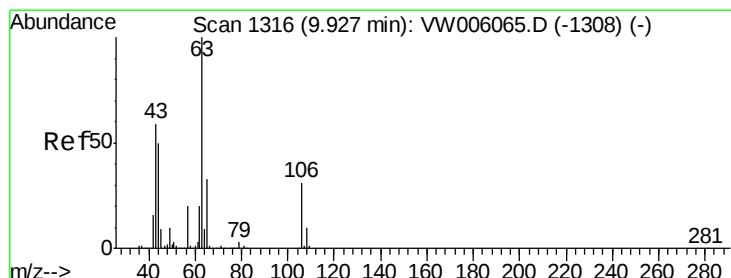
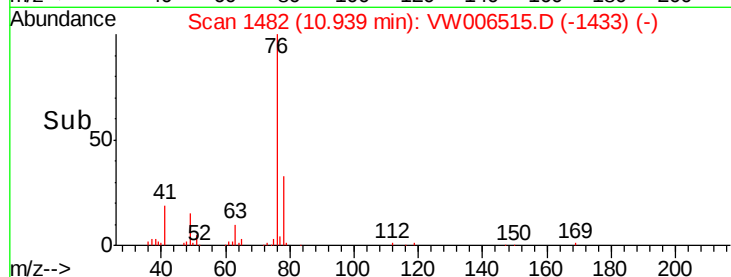
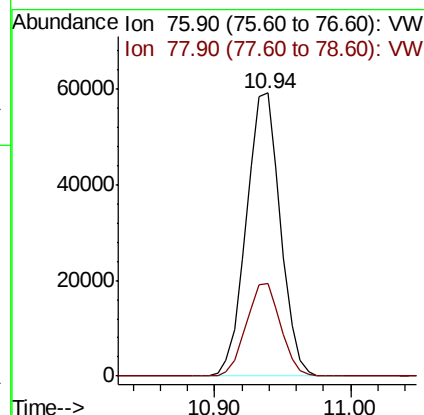
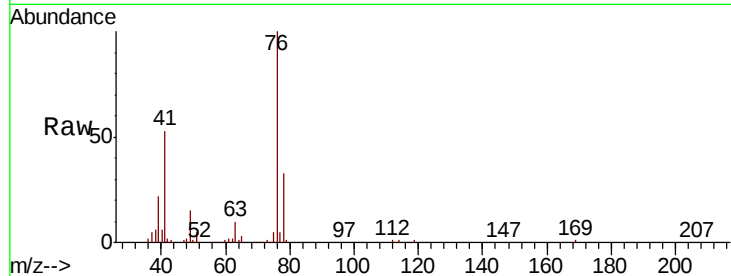
#57
 1,3-Dichloropropane
 Concen: 66.063 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.9	38.9

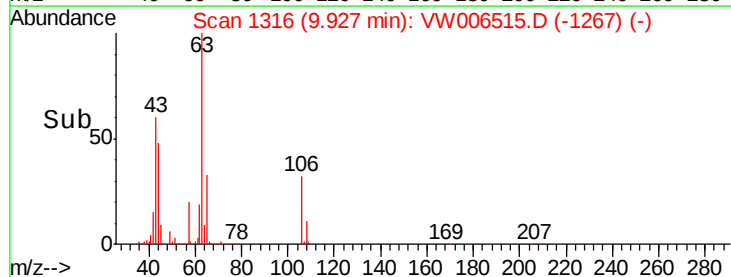
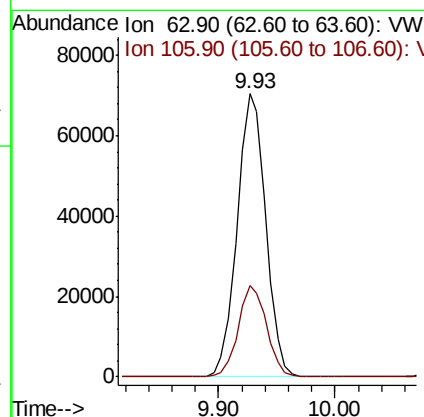
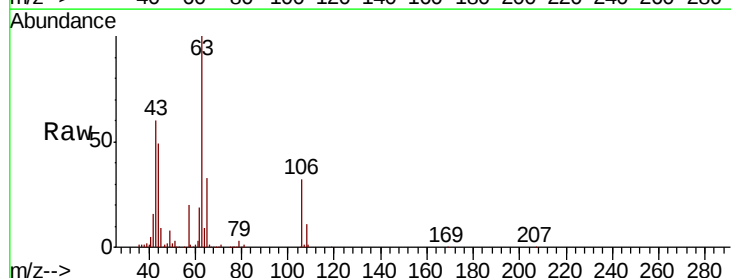
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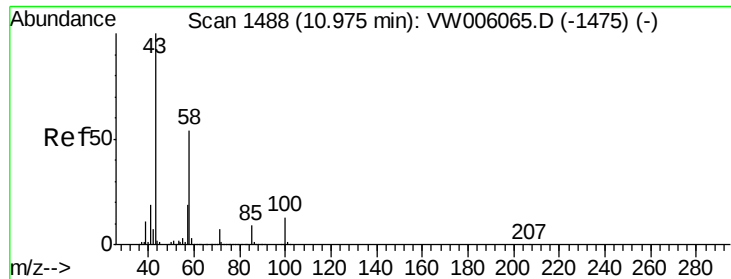
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#58
 2-Chloroethyl Vinyl ether
 Concen: 271.398 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	24.5	36.7





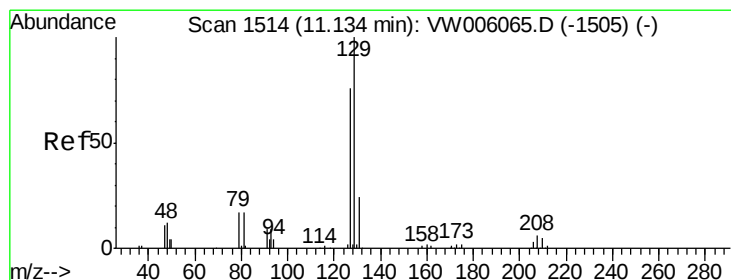
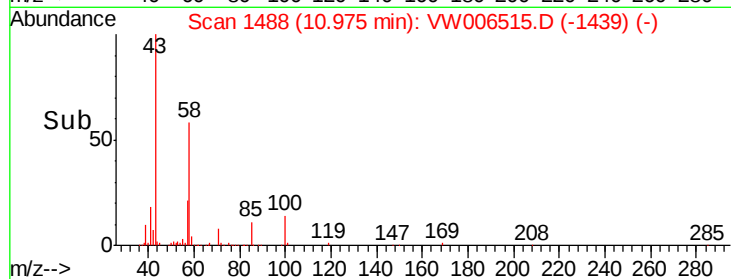
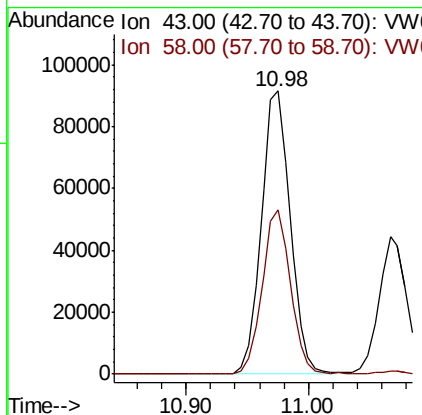
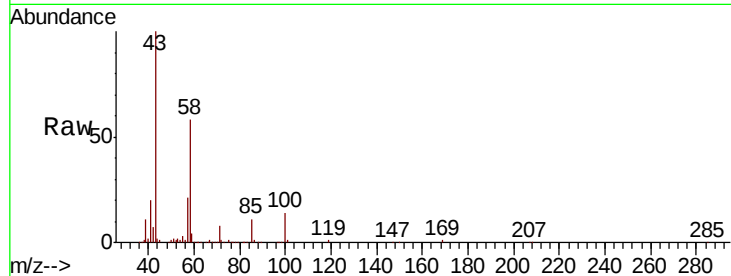
#59
2-Hexanone
Concen: 307.517 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
DL-03AMSD

Tot Ion	43	Resp	150871
Ion Ratio	100	Lower	Upper
43	100		
58	56.8	26.9	80.6

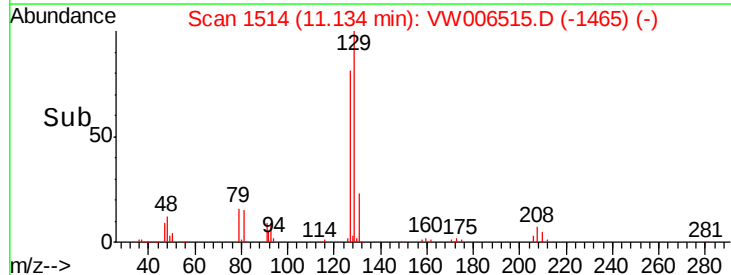
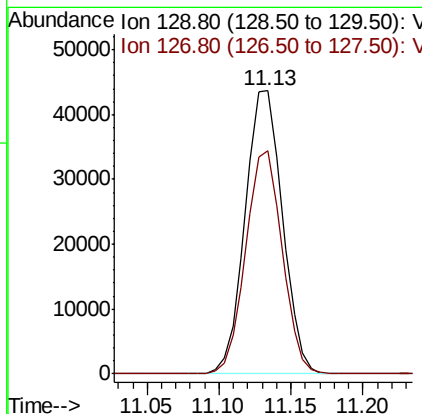
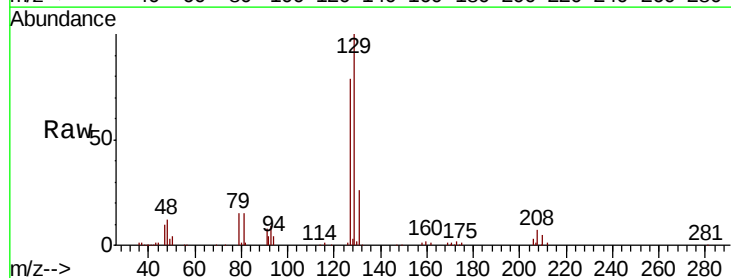
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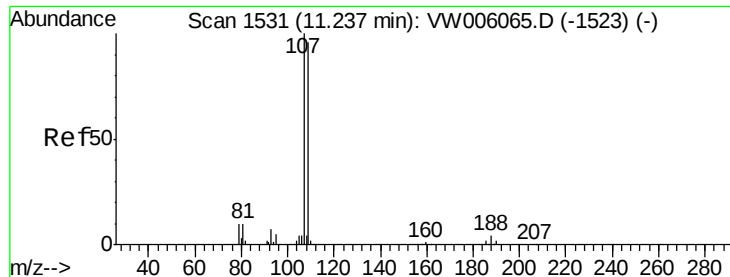
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#60
Dibromochloromethane
Concen: 66.618 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	129	Resp	78444
Ion Ratio	100	Lower	Upper
129	100		
127	76.8	38.6	115.7





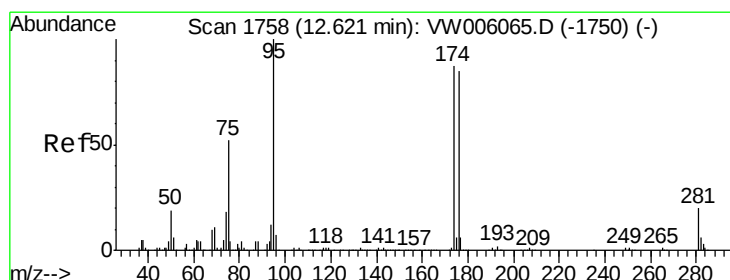
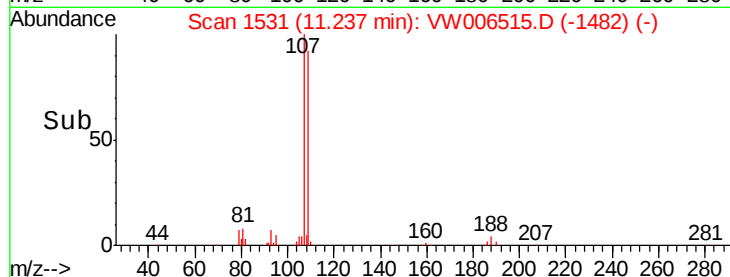
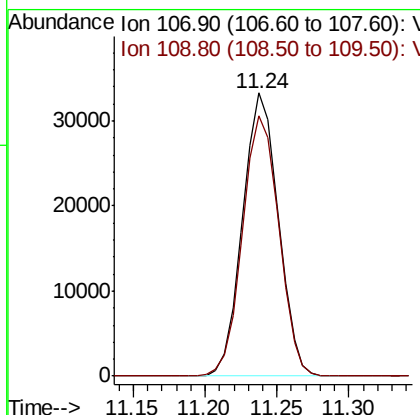
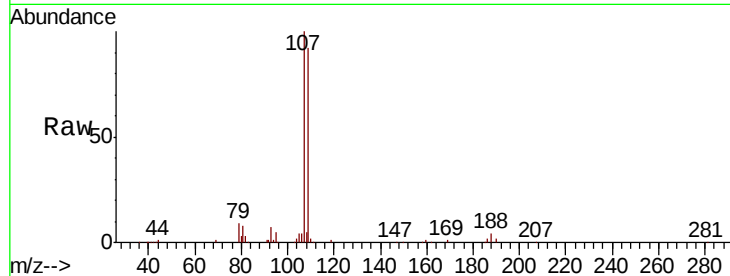
#61
 1,2-Dibromoethane
 Concen: 60.519 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.3	114.5

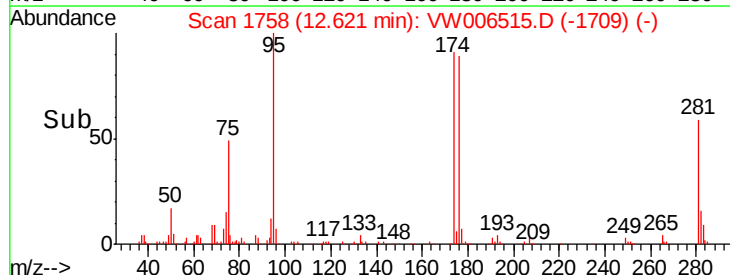
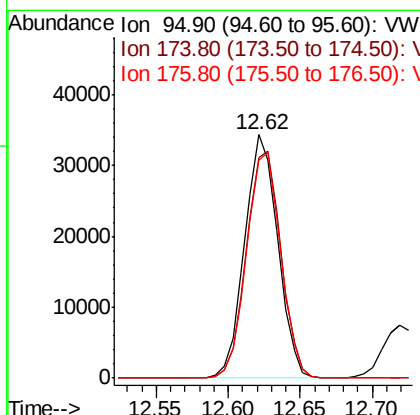
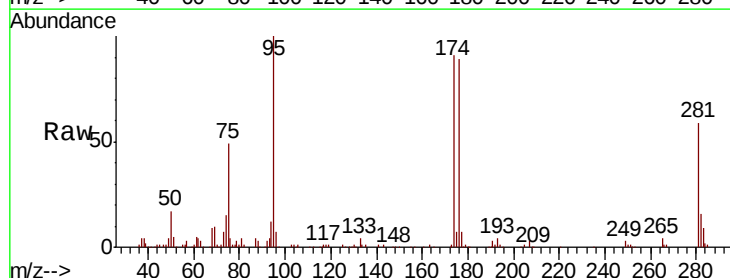
Manual Integrations
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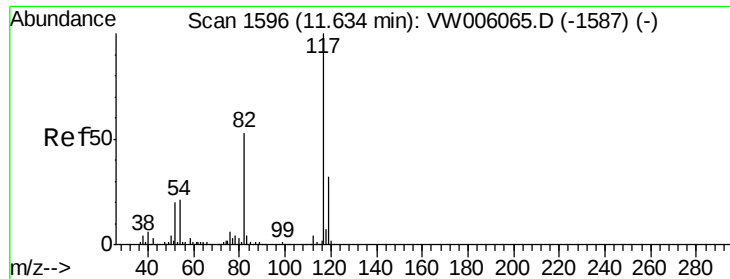
MMDadoda
 10/31/2018 12:31:36 PM



#62
 4-Bromofluorobenzene
 Concen: 33.060 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	186.0
176	95.1	0.0	181.6





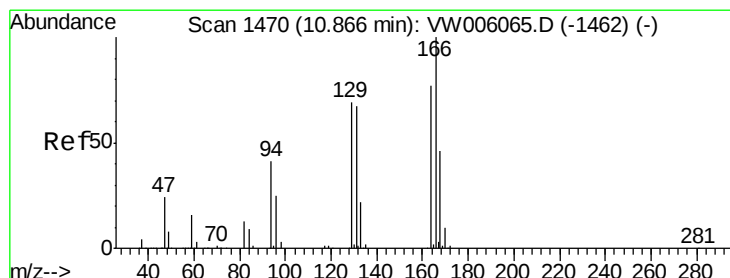
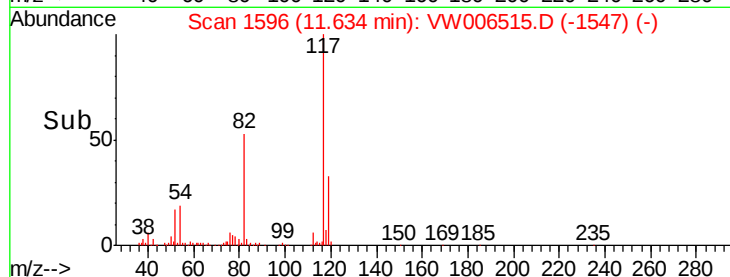
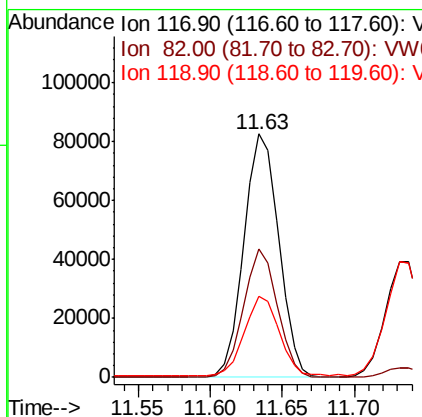
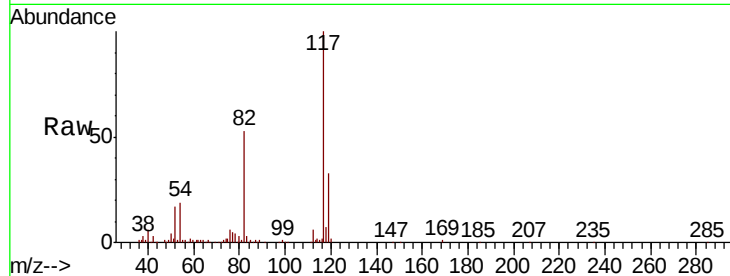
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	138135		
82	53.0	42.1	63.1	
119	32.5	25.8	38.6	

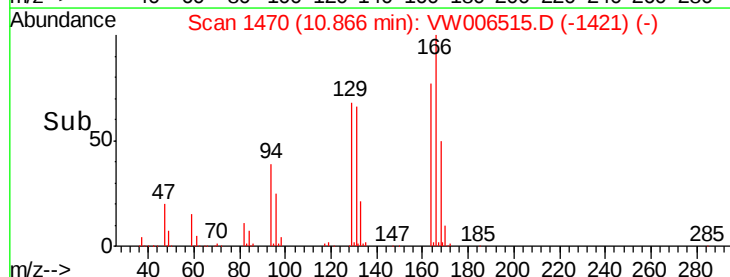
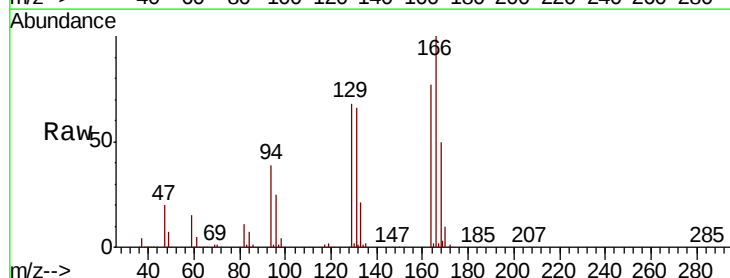
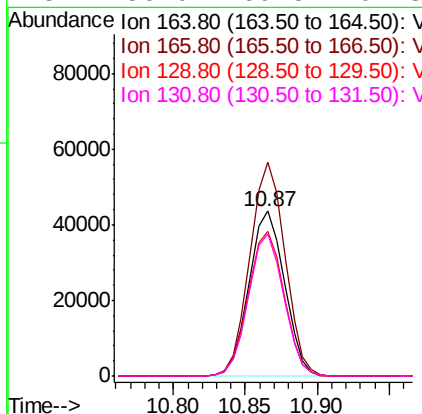
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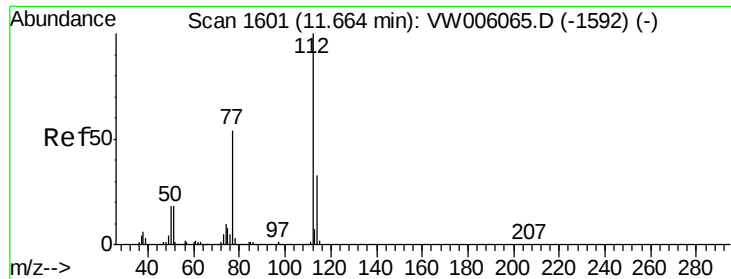
MMDadoda
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#64
Tetrachloroethene
Concen: 69.316 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74331		
166	129.5	103.4	155.0	
129	87.6	71.8	107.8	
131	86.0	69.5	104.3	





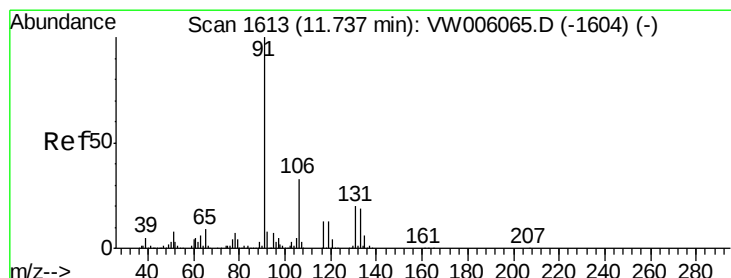
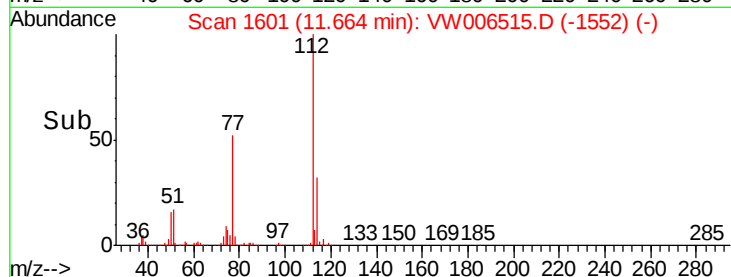
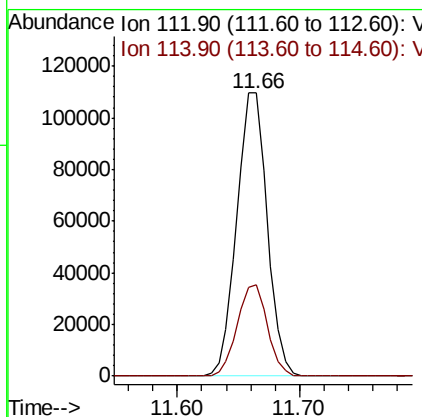
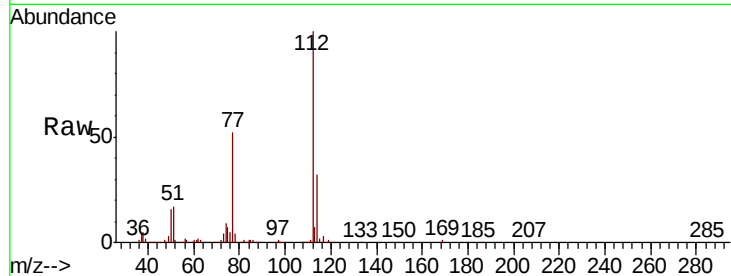
#65
Chlorobenzene
Concen: 64.039 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.2	39.2

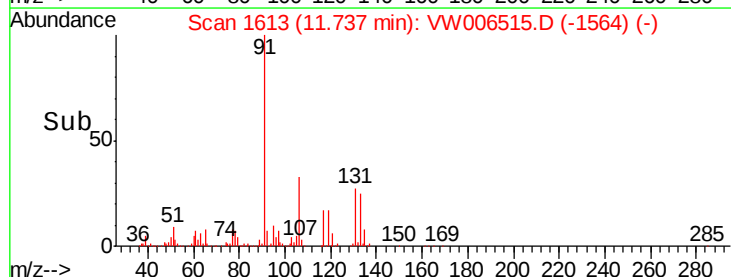
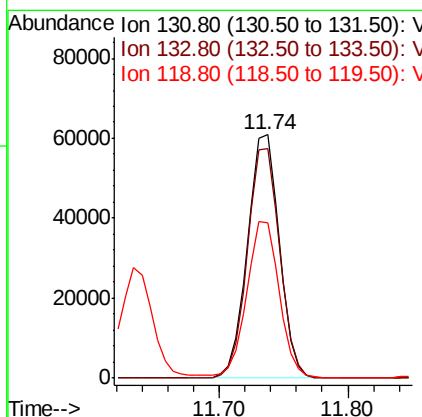
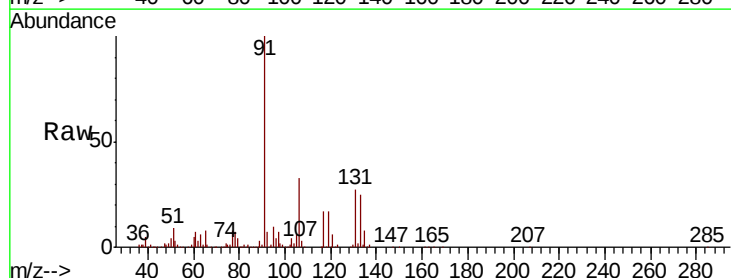
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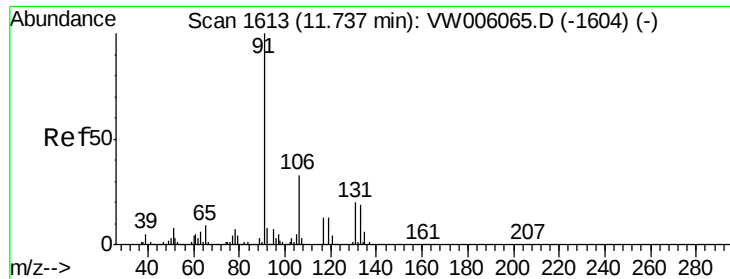
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#66
1,1,1,2-Tetrachloroethane
Concen: 98.531 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.1	144.3
119	65.0	31.6	94.7





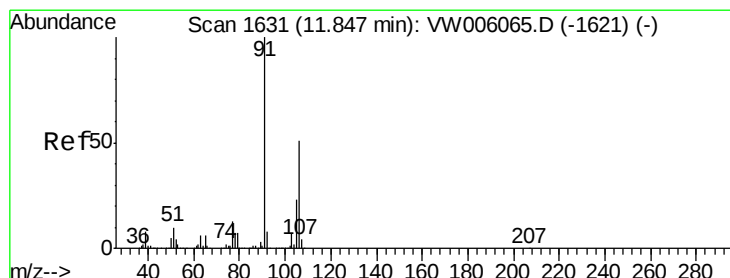
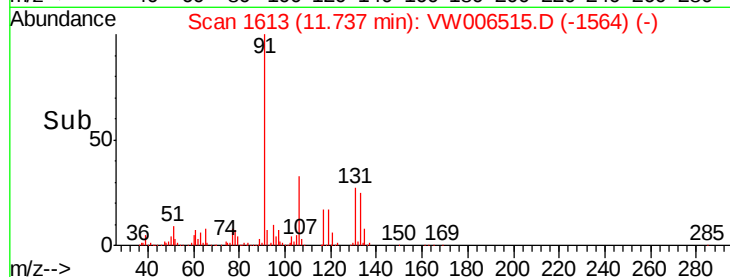
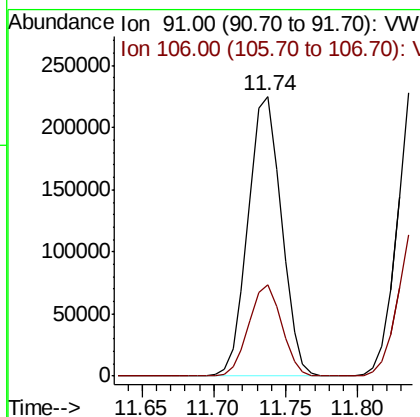
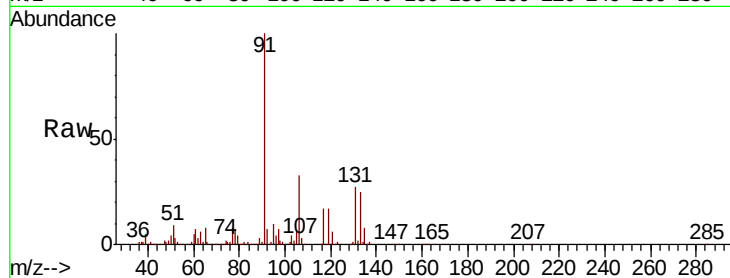
#67
Ethyl Benzene
Concen: 70.386 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
DL-03AMSD

Tot Ion: 91 Resp: 360708
Ion Ratio Lower Upper
91 100
106 32.7 26.1 39.1

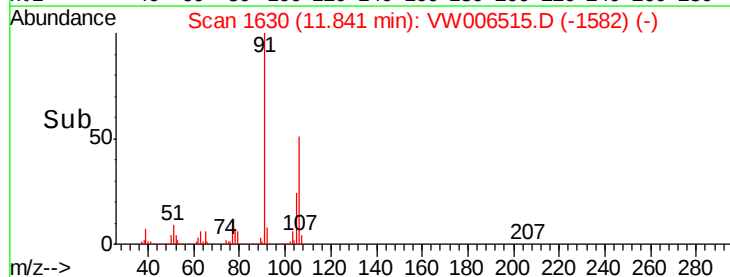
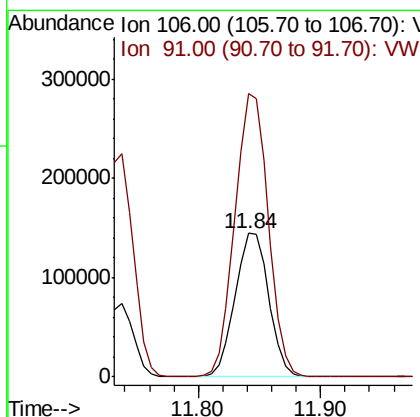
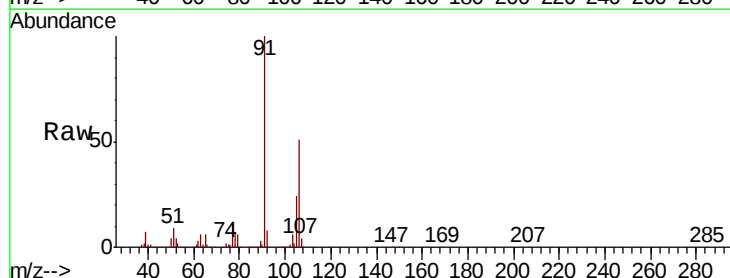
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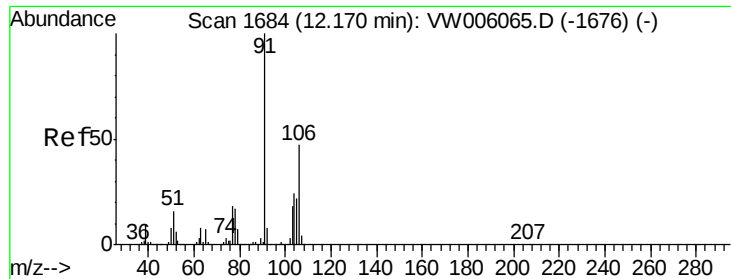
MMDadoda
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#68
m/p-Xylenes
Concen: 136.033 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion: 106 Resp: 275541
Ion Ratio Lower Upper
106 100
91 196.1 159.1 238.7





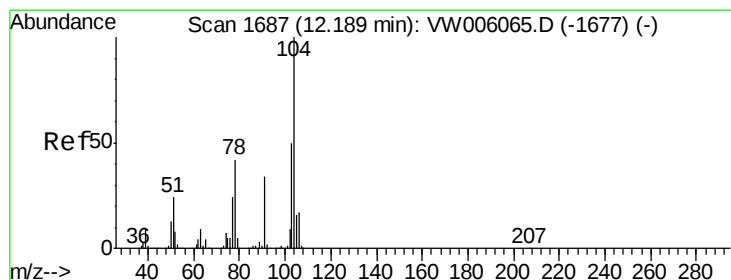
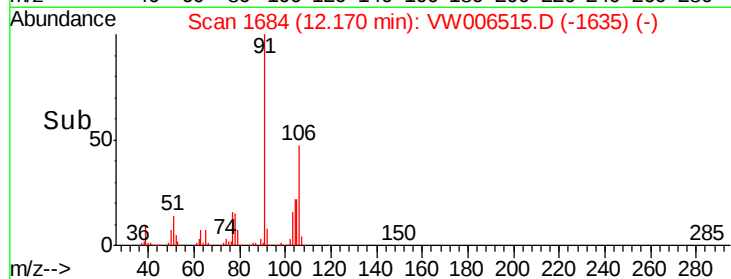
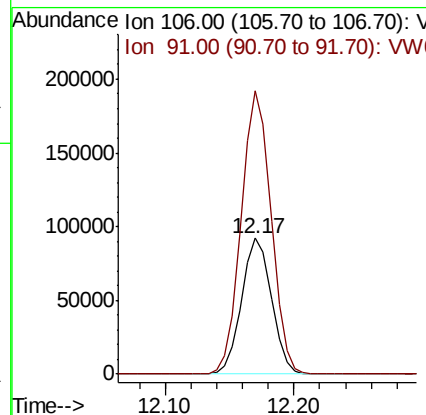
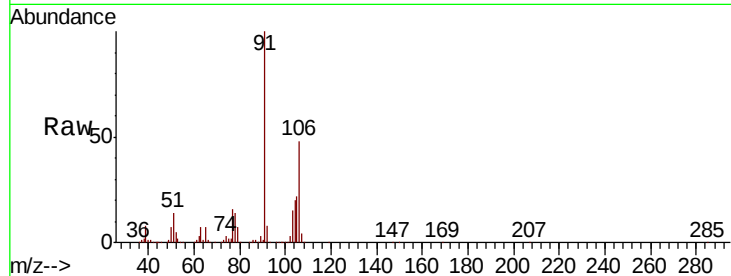
#69
o-Xylene
Concen: 76.453 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
DL-03AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	208.7	105.4	147585	316.1	

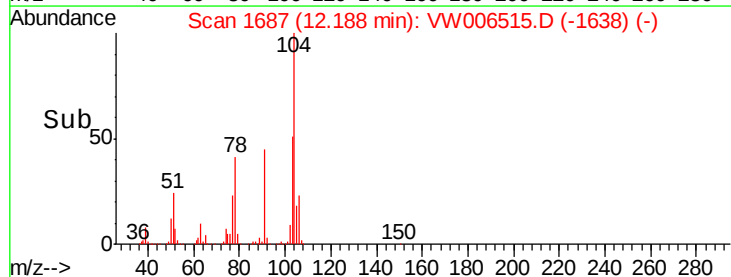
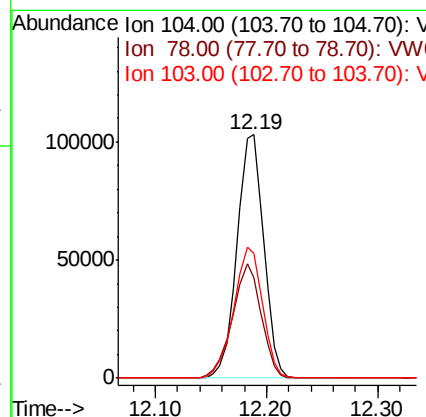
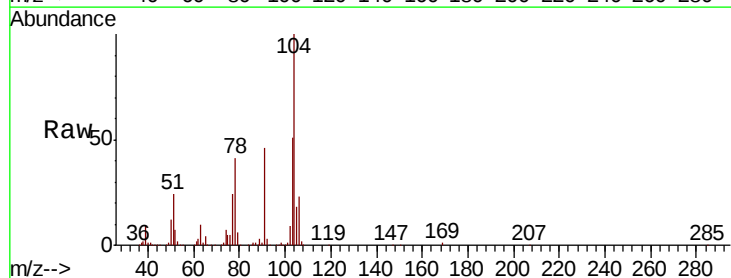
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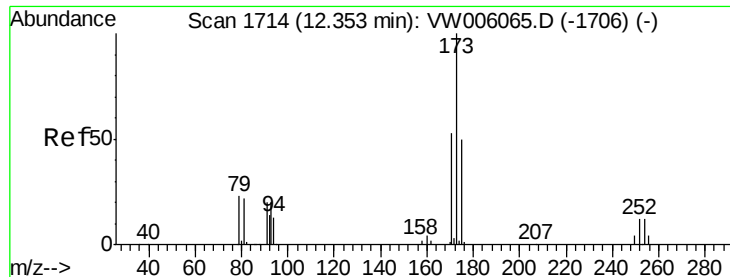
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#70
Styrene
Concen: 54.652 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.3	39.1	171558	58.7	
103	58.1	44.3		66.5	





#71

Bromoform

Concen: 77.159 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMSD

Tot Ion:173 Resp: 45227

Ion Ratio Lower Upper

173 100

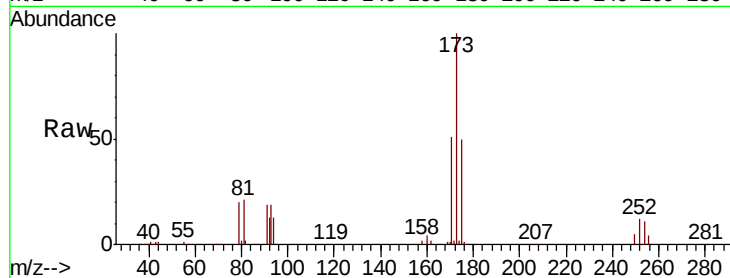
175 49.1 24.2 72.6

254 0.0 0.1 0.1#

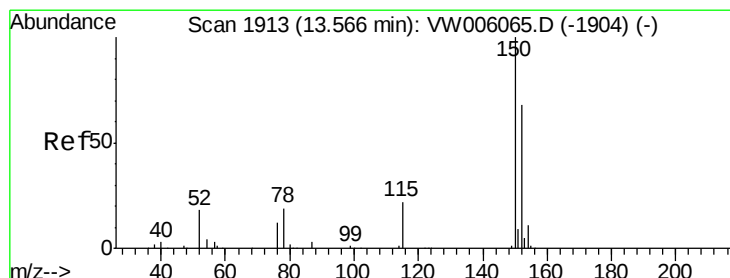
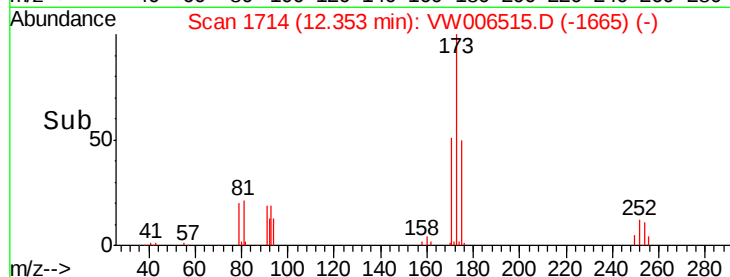
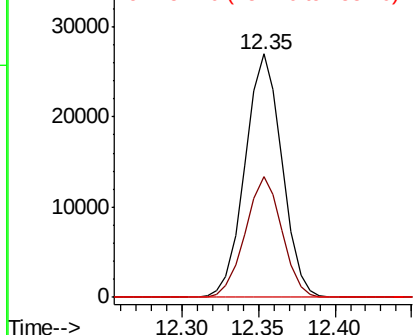
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

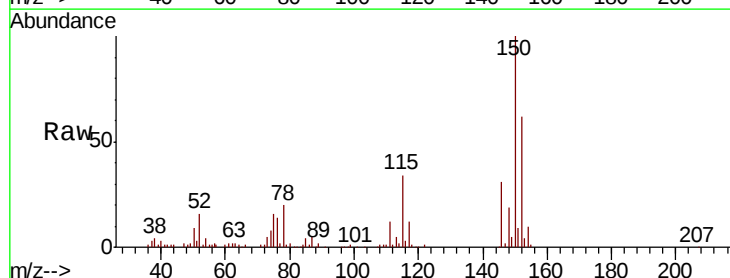
Tgt Ion:152 Resp: 41293

Ion Ratio Lower Upper

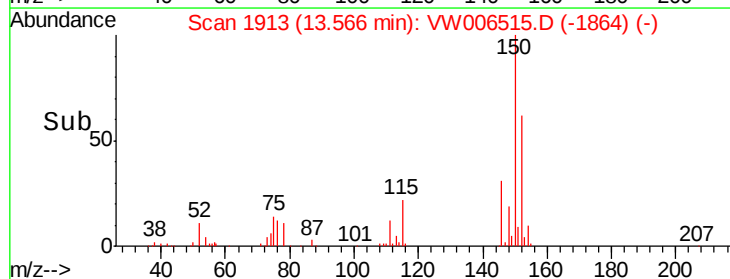
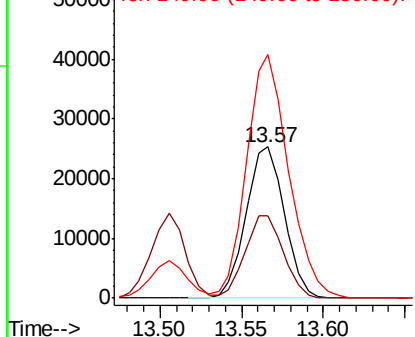
152 100

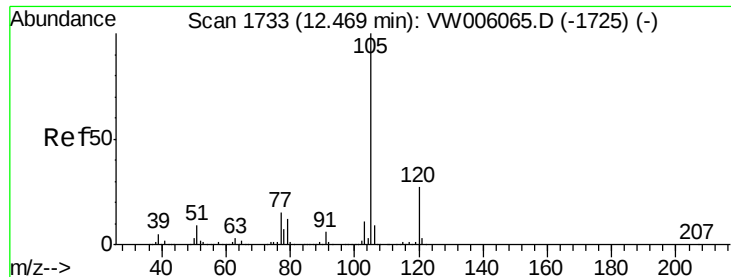
115 55.0 27.8 83.3

150 176.8 0.0 349.2



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: 131.947 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMSD

Tot Ion: 105 Resp: 384919

Ion Ratio Lower Upper

105 100

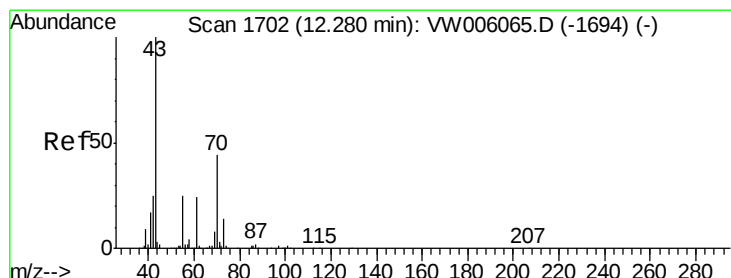
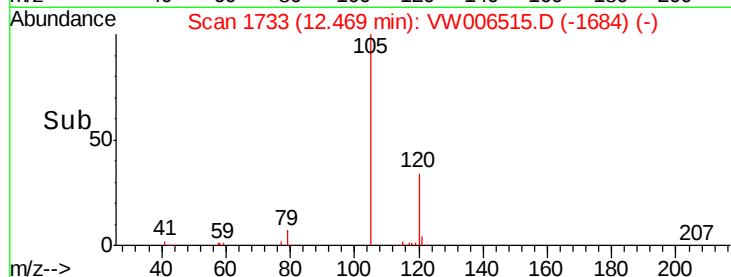
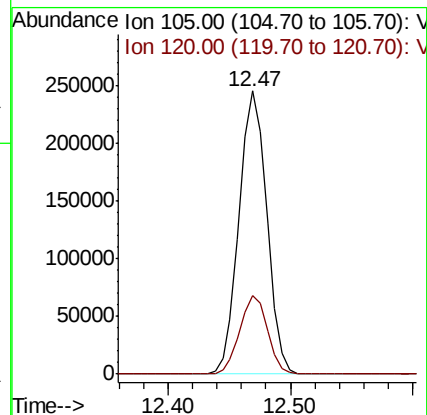
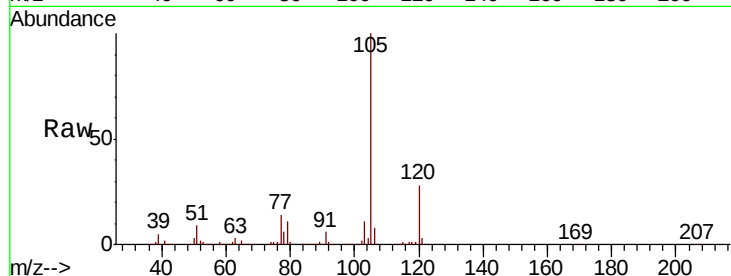
120 27.7 13.6 40.7

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#74

N-ethyl acetate

Concen: 114.533 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion: 43 Resp: 64895

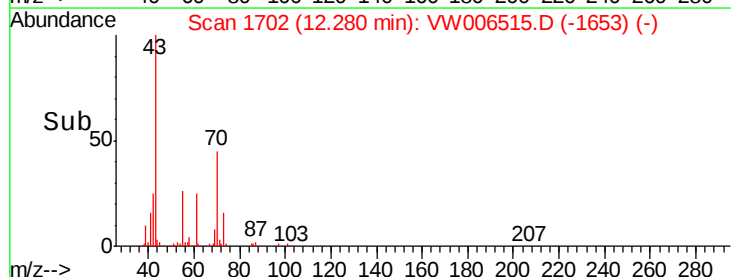
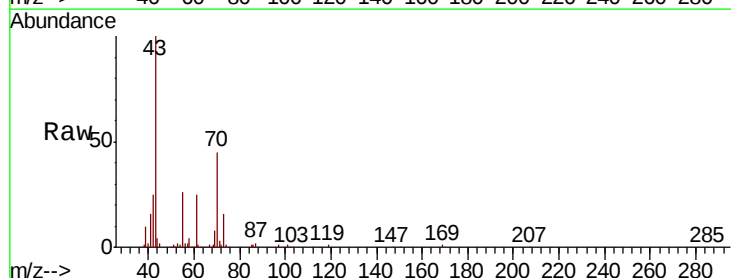
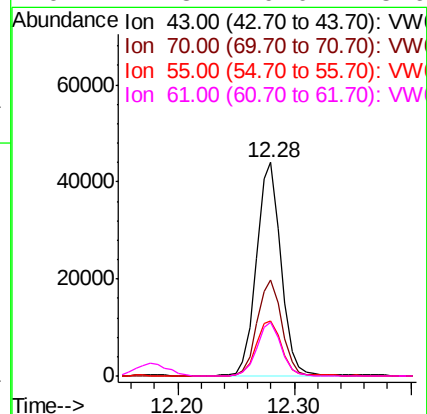
Ion Ratio Lower Upper

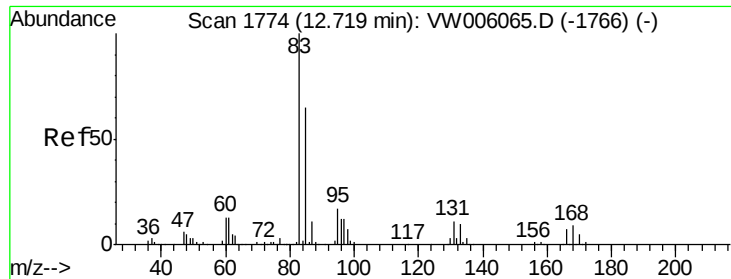
43 100

70 46.1 34.2 51.4

55 27.1 19.2 28.8

61 24.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 166.037 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

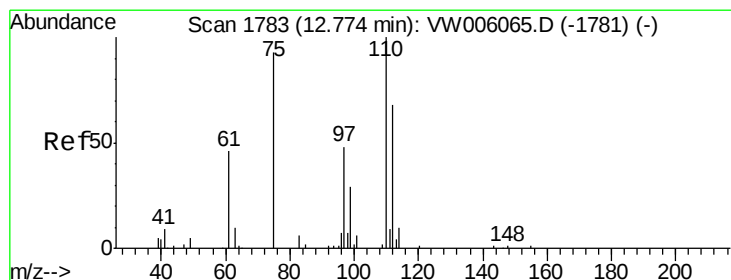
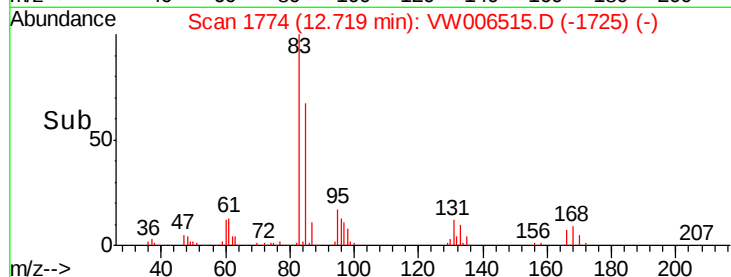
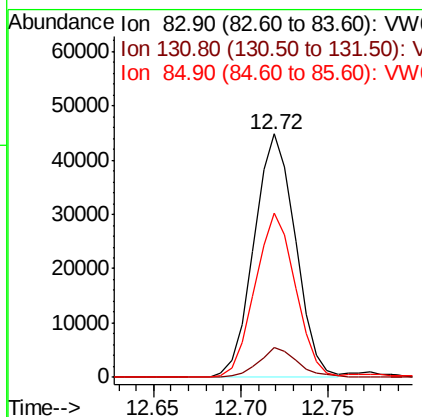
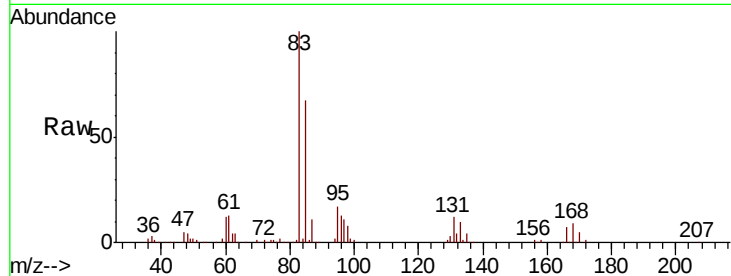
ClientSampleId :

DL-03AMSD

Tot Ion:	83	Resp:	73670
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.7
85	66.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 171.831 ug/l m

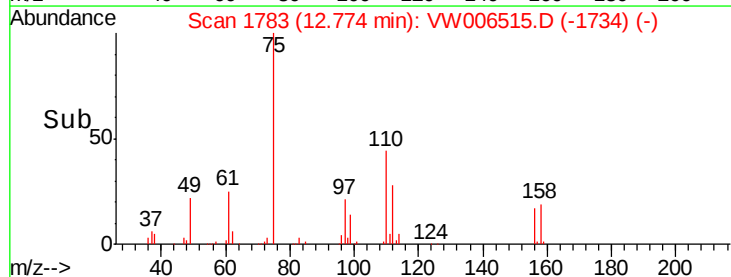
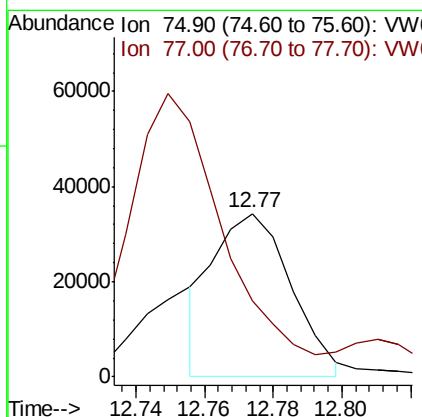
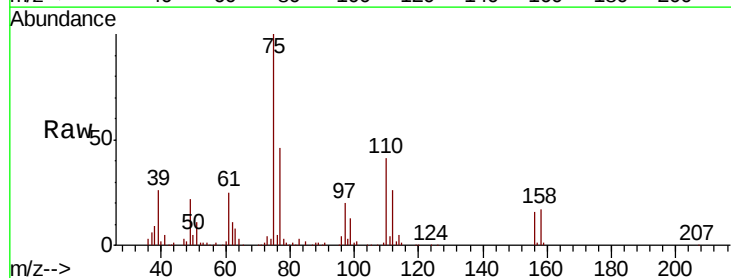
RT: 12.77 min Scan# 1783

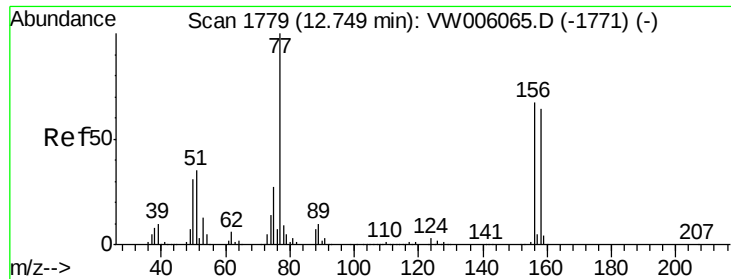
Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion:	75	Resp:	54195
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 99.112 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Instrument :

MSVOA_W

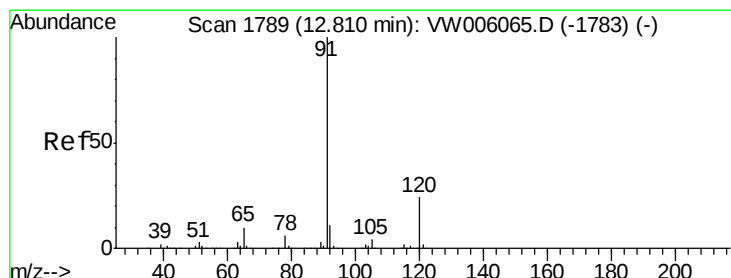
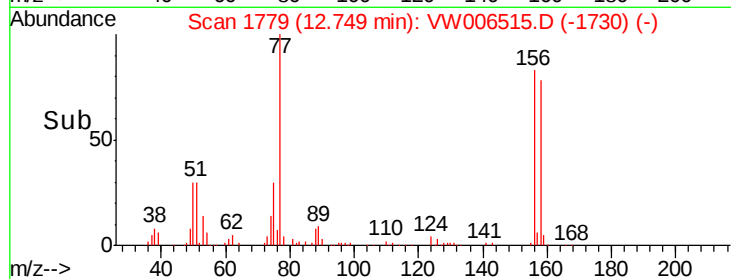
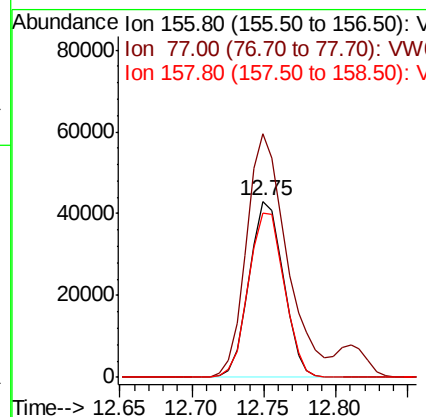
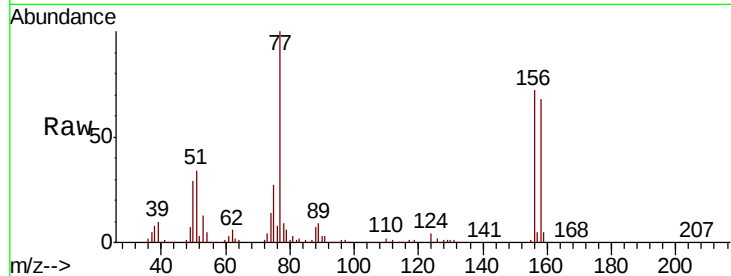
ClientSampleId :

DL-03AMSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.7	79.1	237.4
158	97.8	48.5	145.6

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#78

n-propylbenzene

Concen: 95.723 ug/l

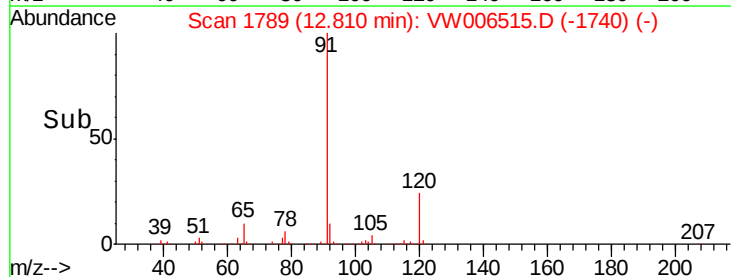
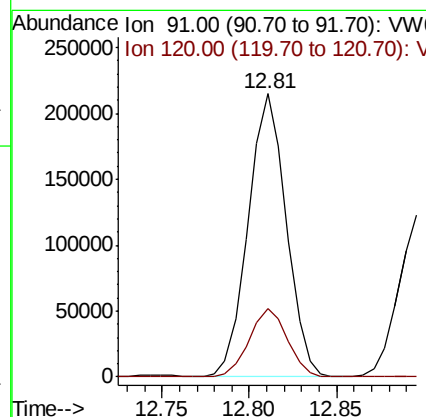
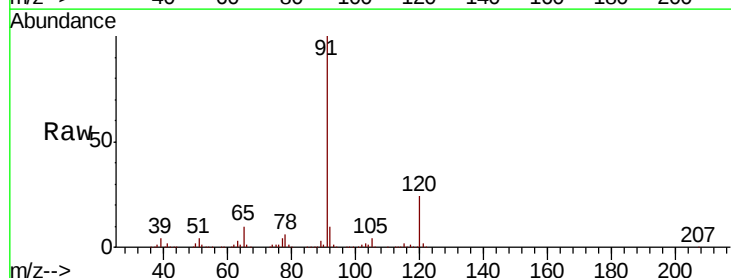
RT: 12.81 min Scan# 1789

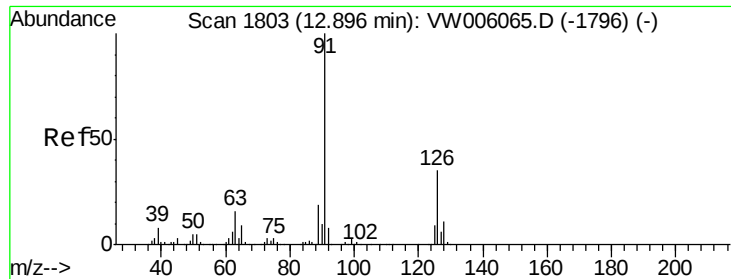
Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.6





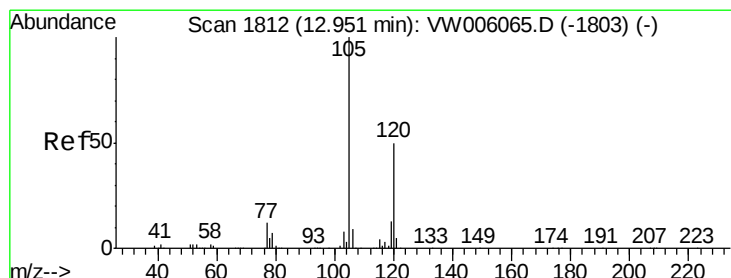
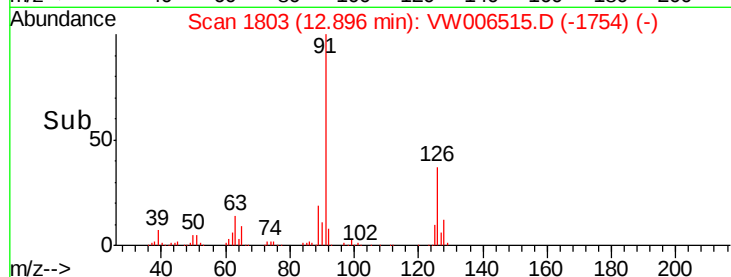
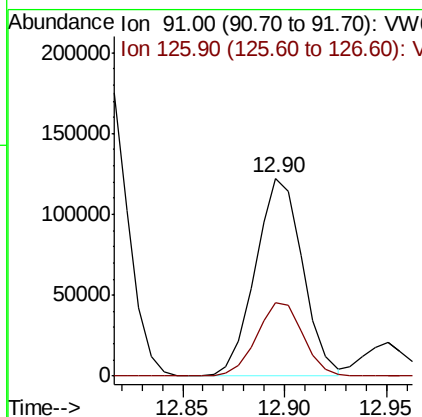
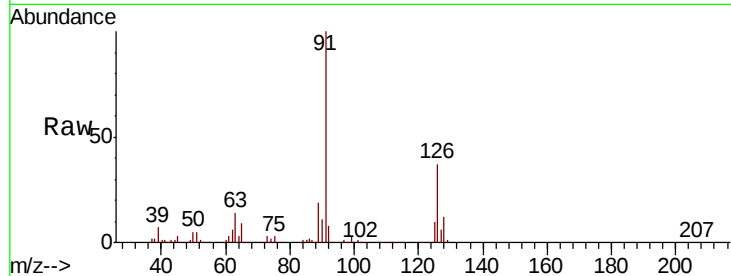
#79
 2-Chlorotoluene
 Concen: 103.642 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Tot Ion: 91 Resp: 197638
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.9 53.8

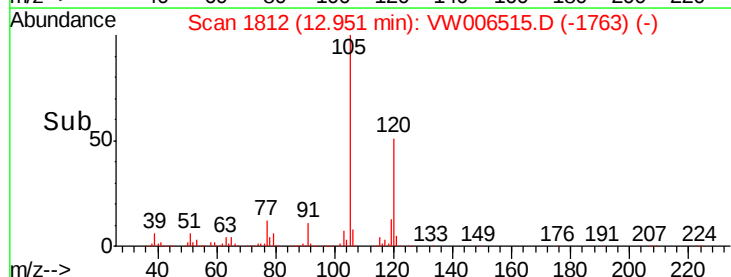
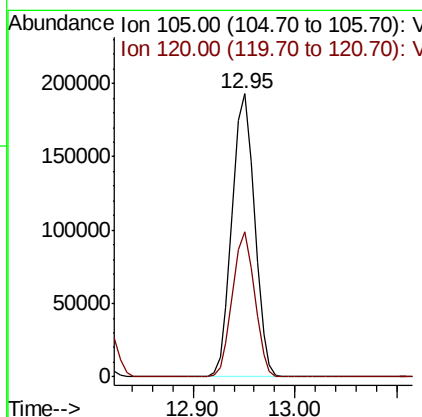
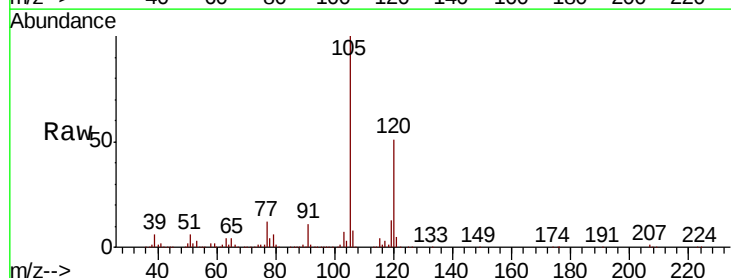
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#80
 1,3,5-Trimethylbenzene
 Concen: 120.244 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Tgt Ion: 105 Resp: 295714
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.6





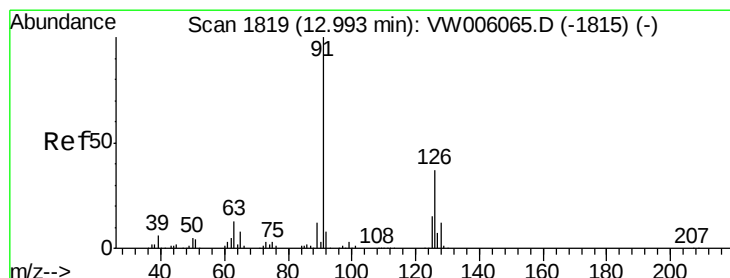
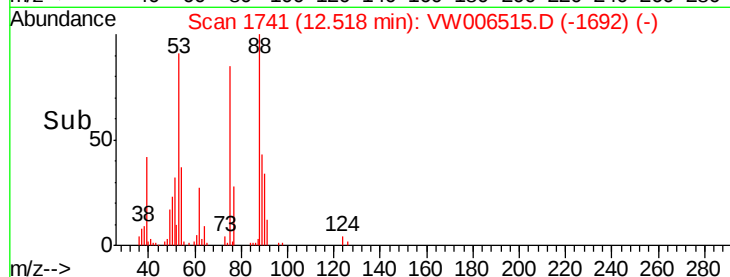
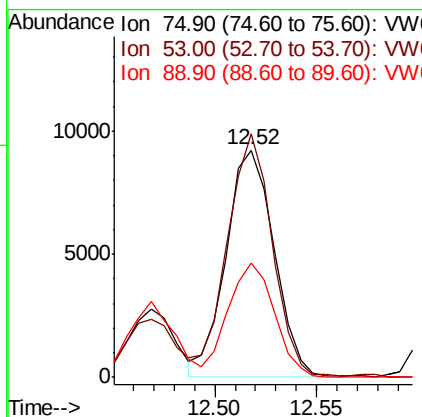
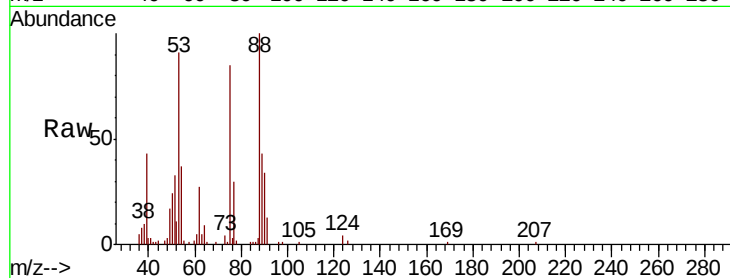
#81
trans-1,4-Dichloro-2-butene
Concen: 114.466 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.2	79.8	119.6
89	48.3	37.5	56.3

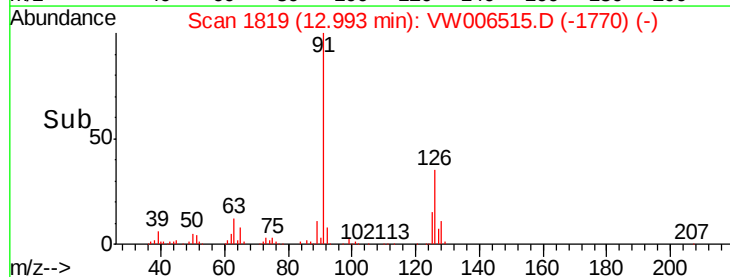
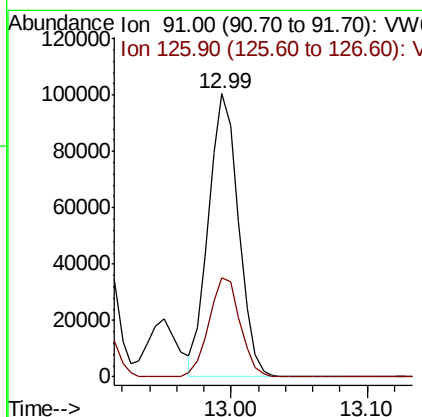
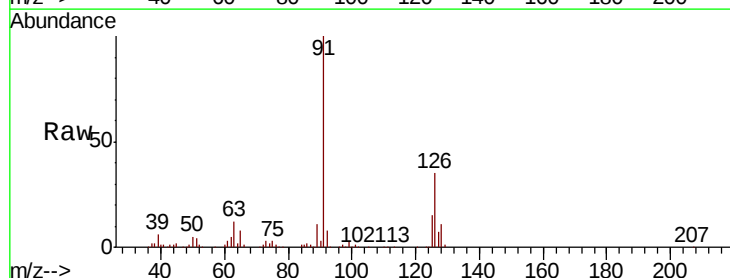
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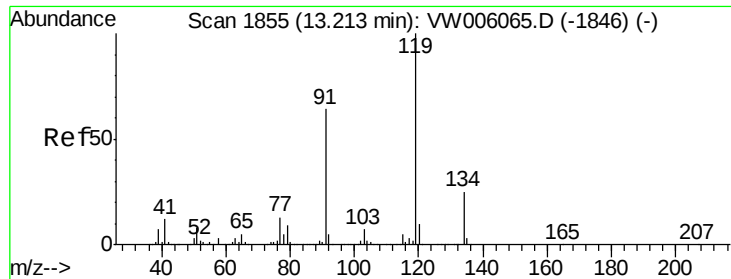
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#82
4-Chlorotoluene
Concen: 76.922 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.1	54.3





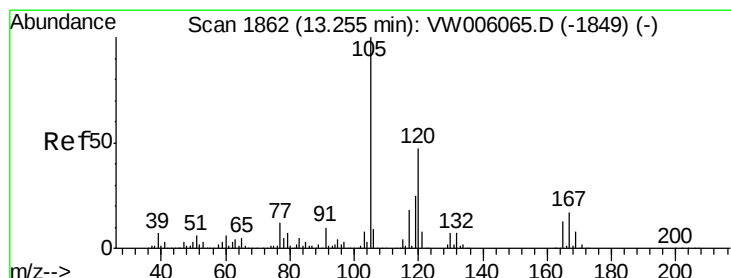
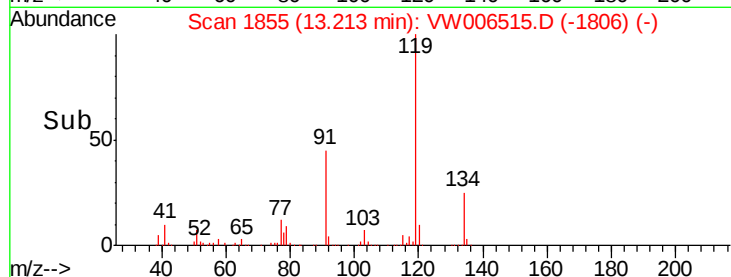
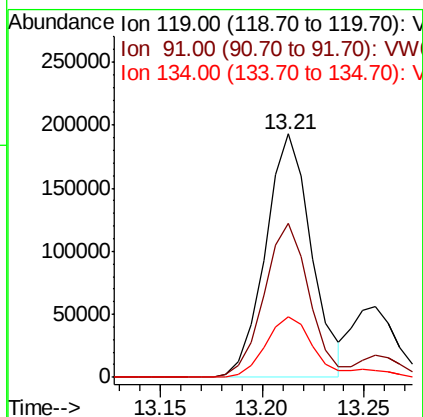
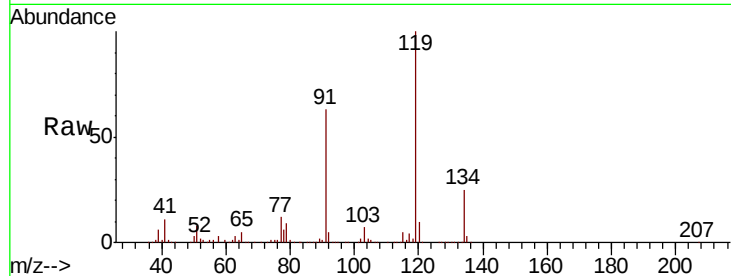
#83
tert-Butylbenzene
Concen: 137.725 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	303038		
91	62.7		32.3	96.9
134	25.7		13.6	40.8

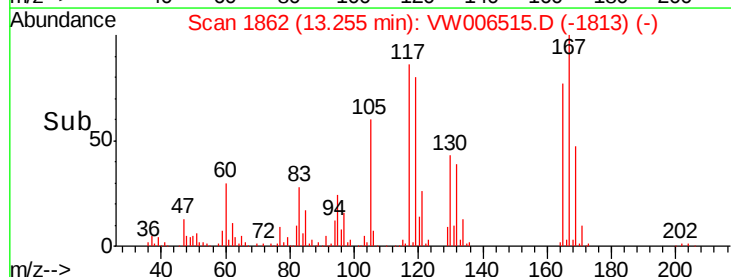
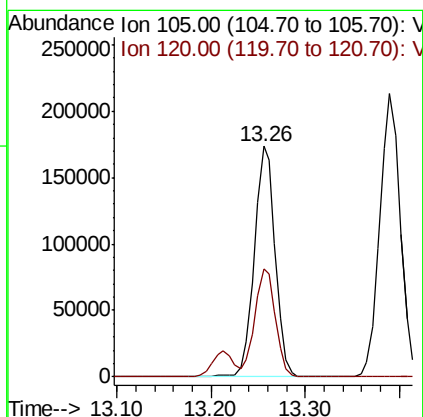
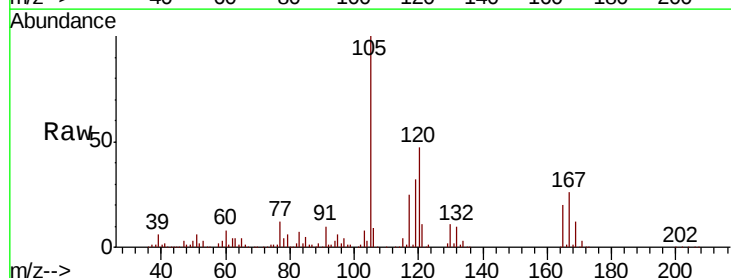
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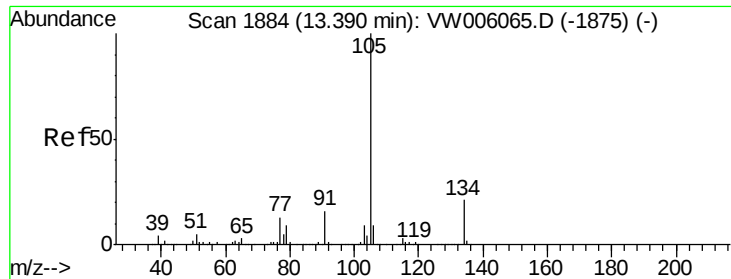
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#84
1,2,4-Trimethylbenzene
Concen: 108.846 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270872		
120	46.4		23.1	69.3





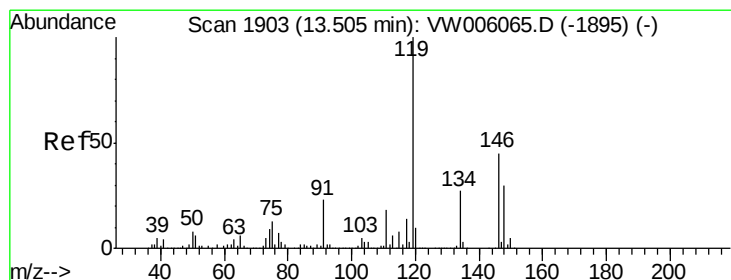
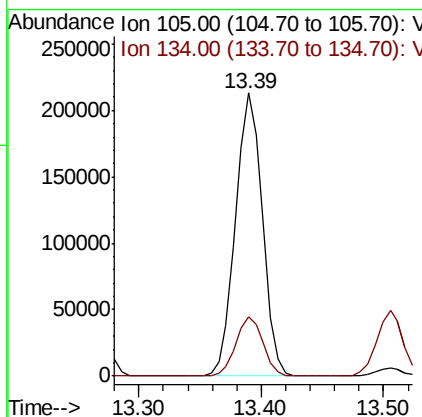
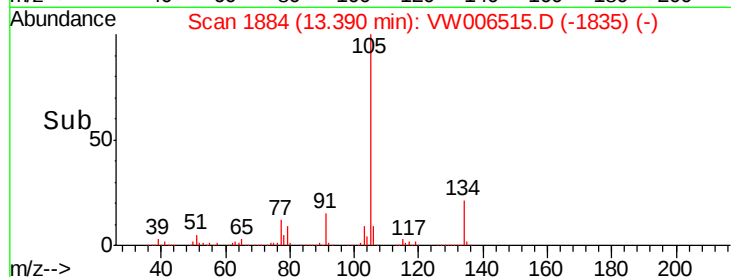
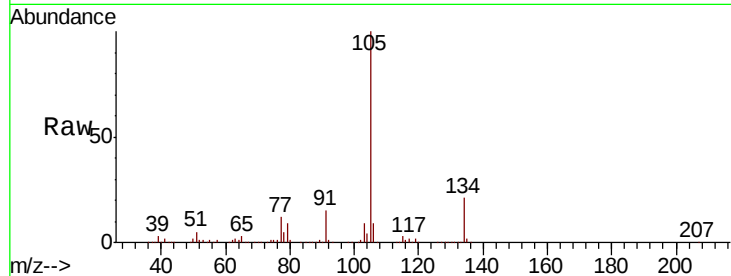
#85
 sec-Butylbenzene
 Concen: 103.645 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleID :
 DL-03AMSD

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.6

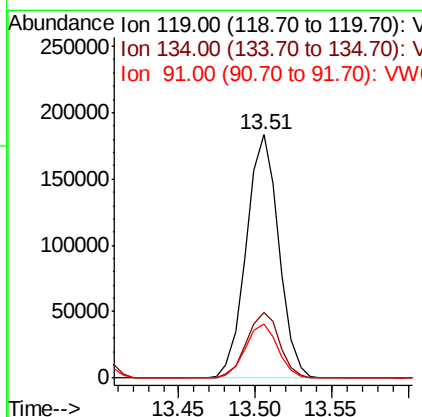
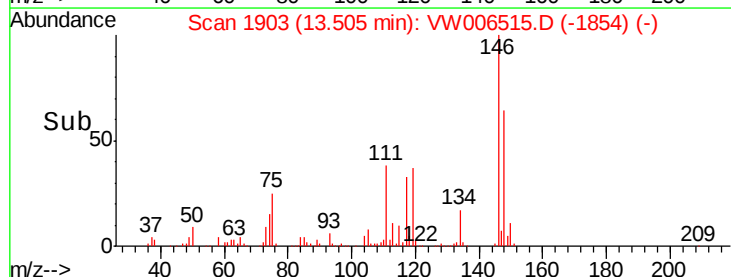
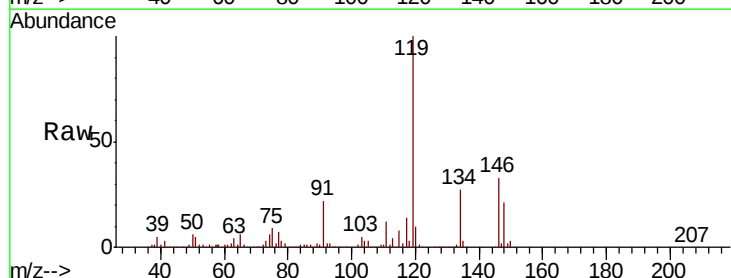
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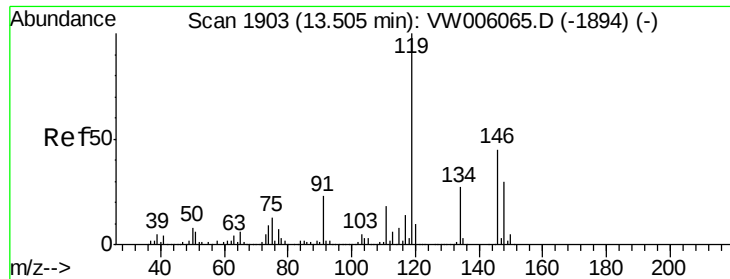
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#86
 p-Isopropyltoluene
 Concen: 96.219 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.4	40.2
91	22.3	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 66.244 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006515.D

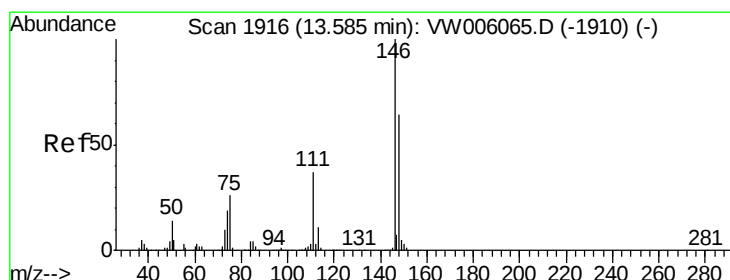
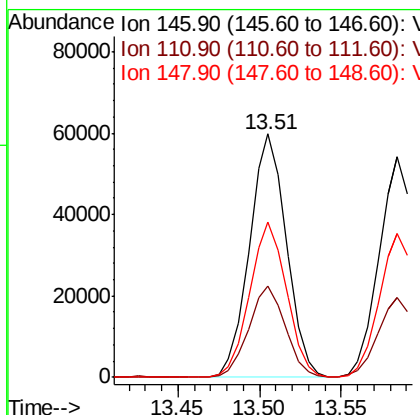
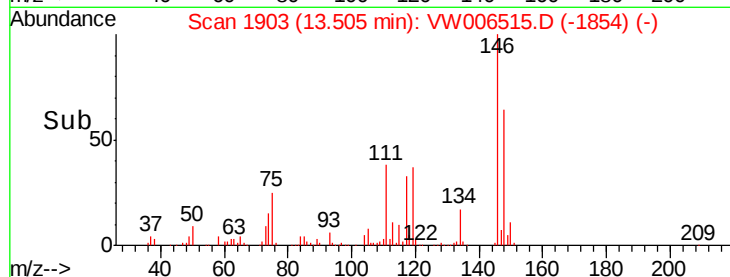
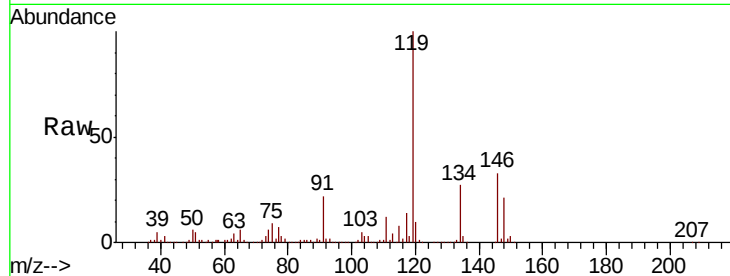
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.5
148	63.4	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 60.195 ug/l

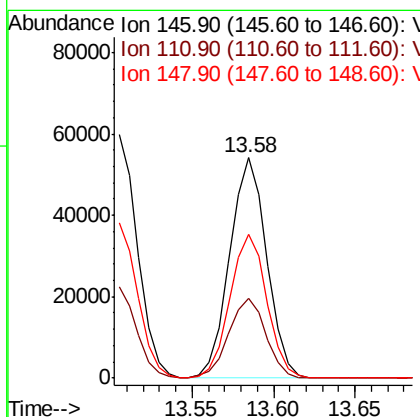
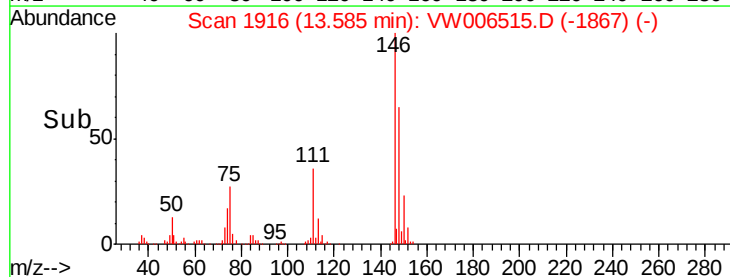
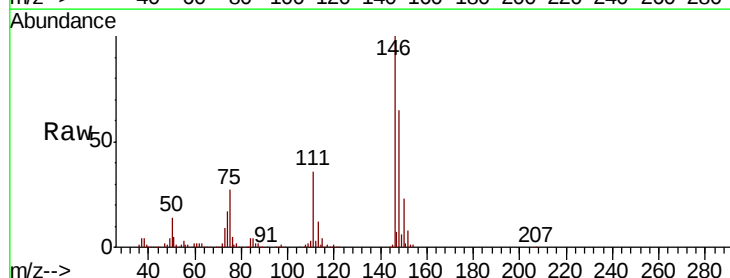
RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006515.D

Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	56.0
148	65.2	32.1	96.5





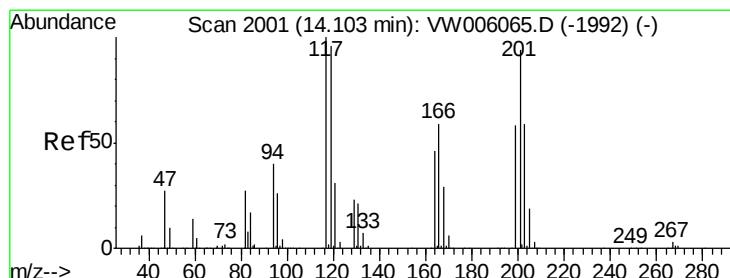
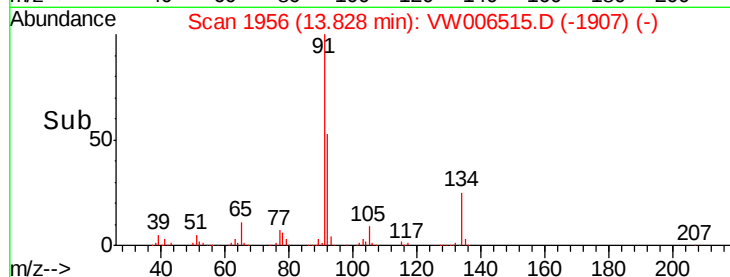
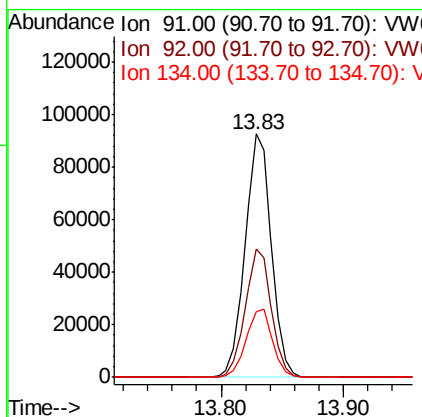
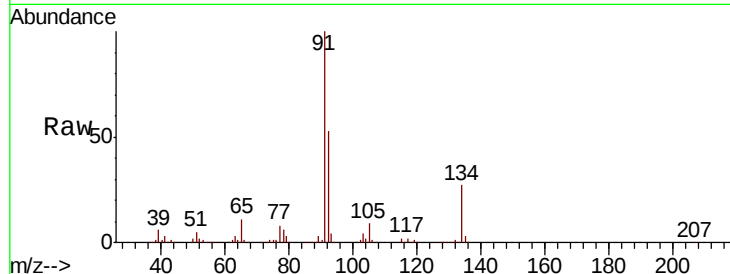
#89
n-Butylbenzene
Concen: 53.592 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	28.3	14.0	41.9

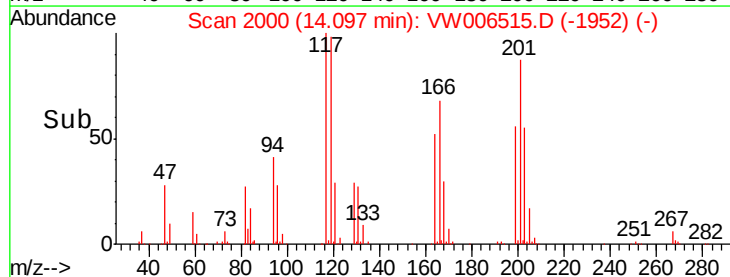
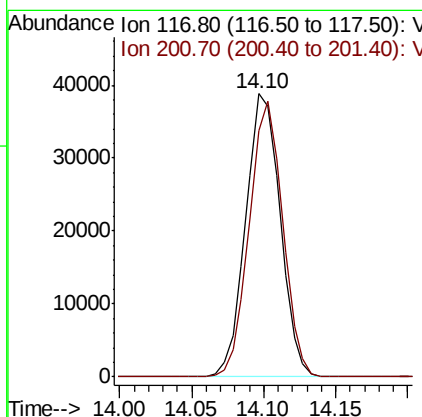
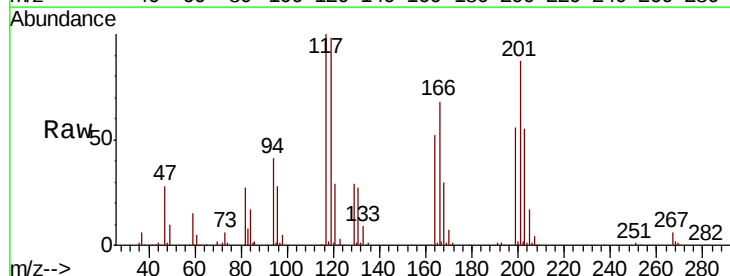
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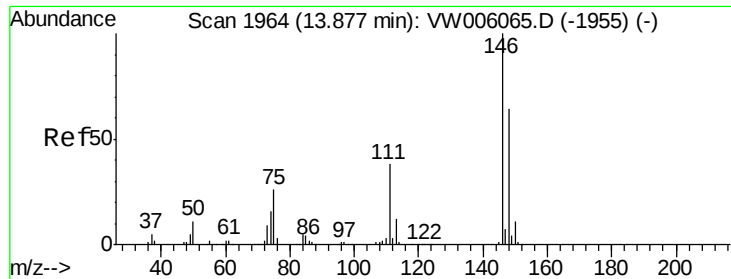
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#90
Hexachloroethane
Concen: 135.052 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	45.3	135.9





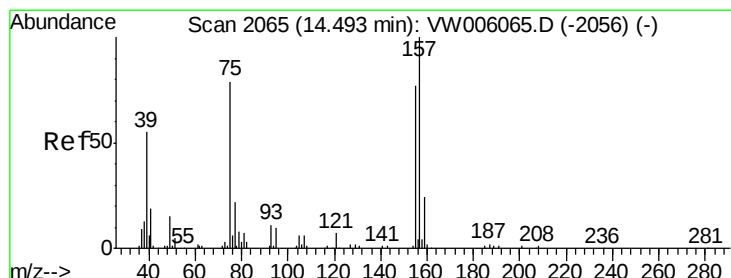
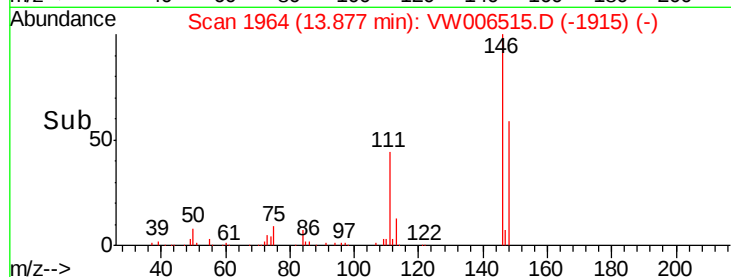
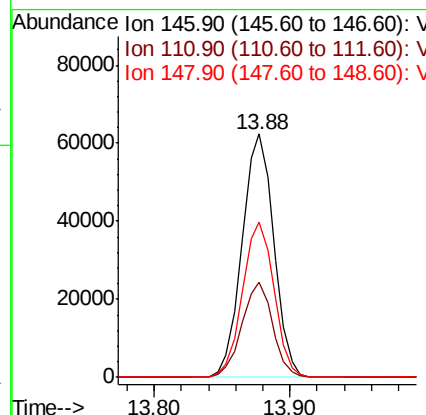
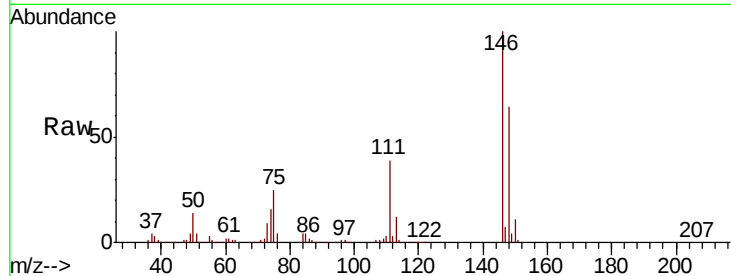
#91
 1,2-Dichlorobenzene
 Concen: 80.104 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.6	58.7
148	63.6	32.2	96.6

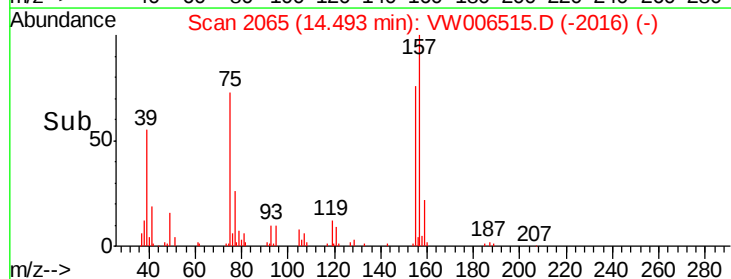
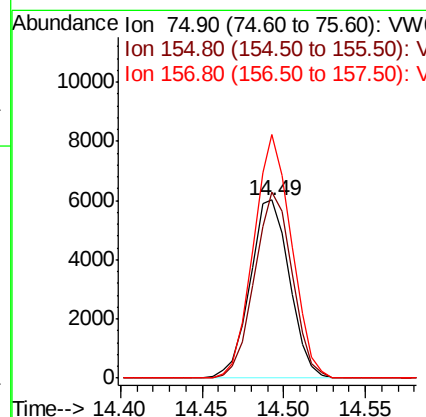
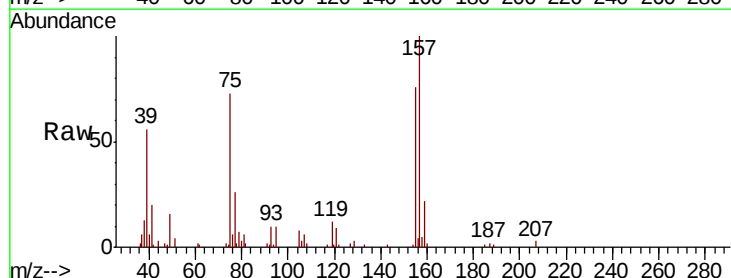
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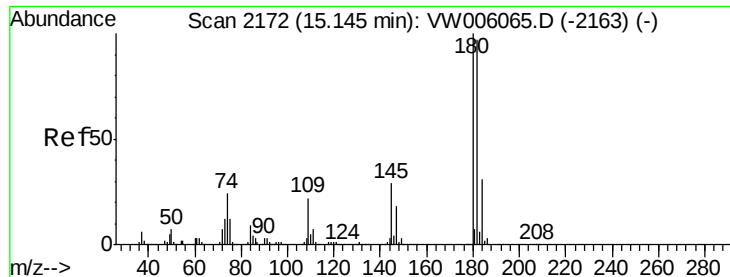
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 127.505 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	46.5	139.5
157	131.0	59.8	179.4





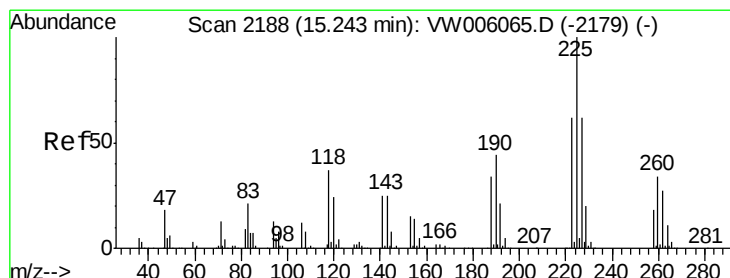
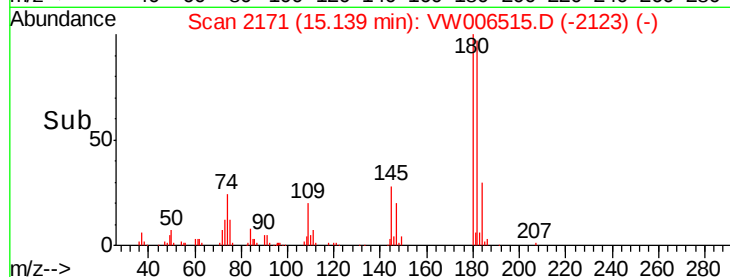
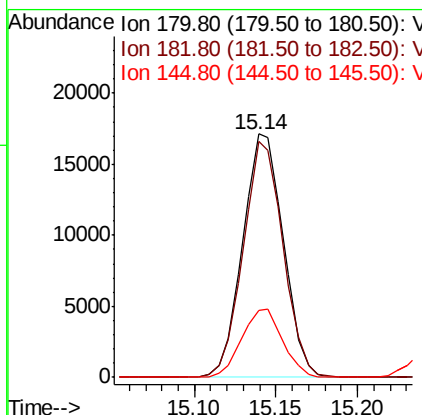
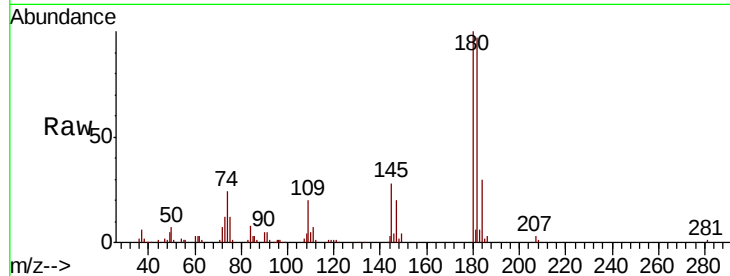
#93
 1,2,4-Trichlorobenzene
 Concen: 30.364 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	29635		
182	95.2	47.9	143.6	
145	28.2	14.2	42.8	

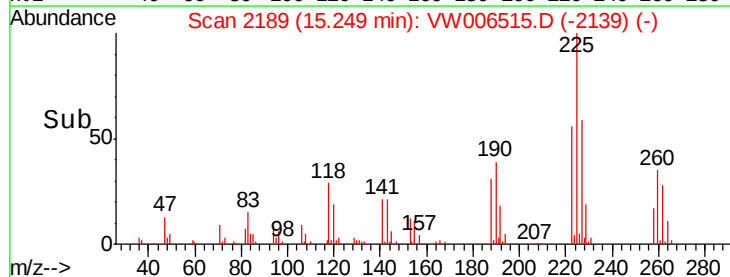
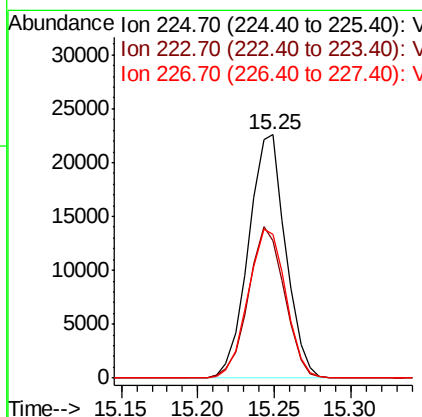
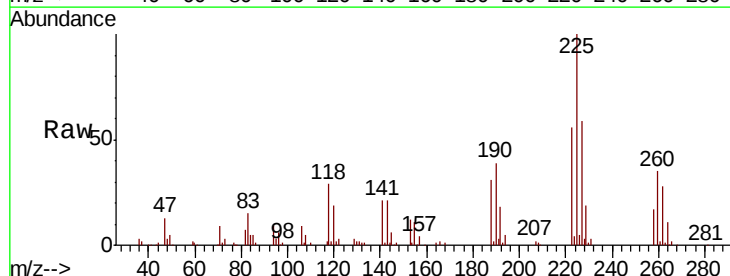
Manual Integrations
 APPROVED

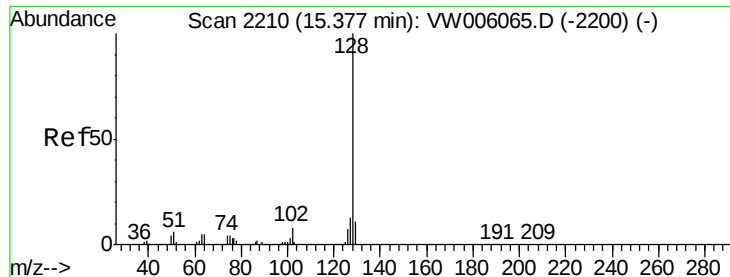
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 62.116 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006515.D
 Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38084		
223	60.8	31.1	93.5	
227	62.5	32.4	97.0	





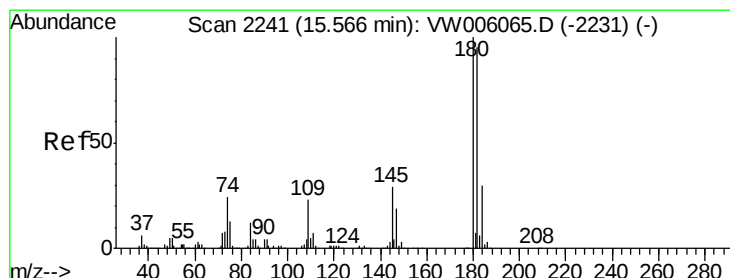
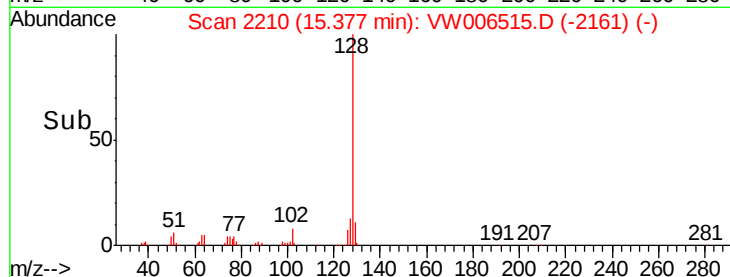
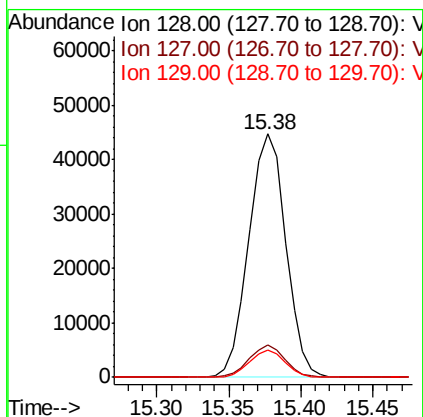
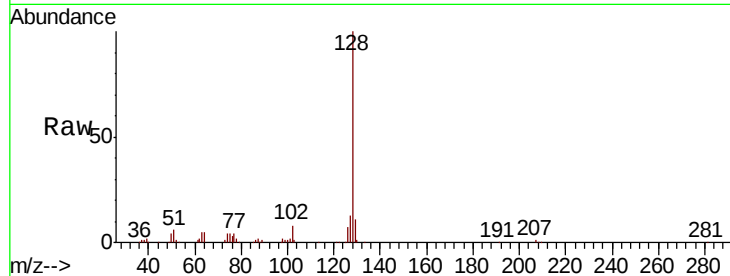
#95
Naphthalene
Concen: 48.953 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMSD

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

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 37.641 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006515.D
Acq: 30 Oct 2018 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	30.3	15.0	45.1

