

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006162.D
 Acq On : 18 Oct 2018 08:49
 Operator : VA/AP
 Sample : J5565-06MSD
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MSD

Manual Integrations
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 10/18/2018 4:40:27 PM

Quant Time: Oct 18 14:43:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	249063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53782	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89421	64.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.32%	
35) Dibromofluoromethane	7.88	113	80691	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
50) Toluene-d8	10.33	98	268568	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.62	95	67818	32.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	51584	62.003	ug/l	96
3) Chloromethane	2.22	50	61542	57.466	ug/l	99
4) Vinyl Chloride	2.37	62	97544	63.780	ug/l	99
5) Bromomethane	2.79	94	48577	34.921	ug/l	98
6) Chloroethane	2.93	64	68194	62.220	ug/l	96
7) Trichlorofluoromethane	3.26	101	76469	53.672	ug/l	99
8) Diethyl Ether	3.68	74	50279	66.402	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	79516	53.256	ug/l	99
10) Methyl Iodide	4.27	142	50234	20.214	ug/l	99
11) Tert butyl alcohol	5.23	59	33958	362.254	ug/l	100
12) 1,1-Dichloroethene	4.04	96	87911	62.583	ug/l	98
14) Allvl chloride	4.67	41	76045	37.861	ug/l	97
15) Acrylonitrile	5.37	53	81232	299.104	ug/l	100
16) Acetone	4.14	43	86599	336.284	ug/l	99
17) Carbon Disulfide	4.37	76	96302	22.715	ug/l	99
18) Methyl Acetate	4.67	43	77454	110.422	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	157963	73.831	ug/l	99
20) Methylene Chloride	4.91	84	151518	104.511	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	94485	60.261	ug/l	98
22) Diisopropyl ether	6.31	45	262871	66.229	ug/l	97
23) Vinyl Acetate	6.31	43	140010	59.772	ug/l #	71
24) 1,1-Dichloroethane	6.21	63	166108	64.857	ug/l	97
25) 2-Butanone	7.18	43	110542	293.573	ug/l	99
26) 2,2-Dichloropropane	7.17	77	84472	46.764	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	107105	61.901	ug/l	98
28) Bromochloromethane	7.51	49	75899	76.763	ug/l	94
29) Tetrahydrofuran	7.54	42	84799	366.381	ug/l	98
30) Chloroform	7.68	83	178275	63.890	ug/l	99
31) Cyclohexane	7.96	56	98394	38.578	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	141581	56.248	ug/l	99
36) 1,1-Dichloropropene	8.09	75	117400	51.140	ug/l	99
37) Ethyl Acetate	7.26	43	3997m	4.686	ug/l	
38) Carbon Tetrachloride	8.07	117	98385	39.094	ug/l	97
39) Methylcyclohexane	9.34	83	76754	25.152	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	365316	58.013	ug/l	100
41) Methacrylonitrile	7.49	41	18343	35.674	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	120582	65.176	ug/l	100
43) Isopropyl Acetate	8.43	43	14637	8.393	ug/l #	61
44) Trichloroethene	9.09	130	105363	54.537	ug/l	100
45) 1,2-Dichloropropane	9.37	63	87608	58.139	ug/l	98
46) Dibromomethane	9.46	93	58972	68.664	ug/l	98
47) Bromodichloromethane	9.65	83	89232	42.854	ug/l	99
48) Methyl methacrylate	9.44	41	44224	53.498	ug/l	99
49) 1,4-Dioxane	9.47	88	20092	1519.631	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	274574	314.239	ug/l	99
52) Toluene	10.39	92	206304	48.867	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	75100	36.200	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	77342	32.483	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	72361	60.207	ug/l	98
56) Ethyl methacrylate	10.65	69	3915	2.657	ug/l #	69
57) 1,3-Dichloropropane	10.94	76	120017	60.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	114425	203.243	ug/l	98
59) 2-Hexanone	10.98	43	151528	242.938	ug/l	99
60) Dibromochloromethane	11.13	129	58382	38.998	ug/l	100
61) 1,2-Dibromoethane	11.24	107	64160	53.428	ug/l	99
64) Tetrachloroethene	10.87	164	72233	53.290	ug/l	99
65) Chlorobenzene	11.66	112	202457	54.165	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	76680	57.727	ug/l	99
67) Ethyl Benzene	11.74	91	333473	51.481	ug/l	99
68) m/p-Xylenes	11.85	106	249227	97.342	ug/l	99
69) o-Xylene	12.17	106	123887	50.772	ug/l	99
70) Stvrene	12.18	104	147274	37.117	ug/l	96
71) Bromoform	12.35	173	31242	42.168	ug/l #	99
73) Isopropylbenzene	12.47	105	272088	71.611	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	71036	122.923	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49396m	120.247	ug/l	
77) Bromobenzene	12.75	156	76590	82.299	ug/l	99
78) n-propylbenzene	12.81	91	257157	58.175	ug/l	99
79) 2-Chlorotoluene	12.90	91	160153	64.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	190746	59.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	7072	41.152	ug/l	89
82) 4-Chlorotoluene	12.99	91	161655	62.134	ug/l	100
83) tert-Butylbenzene	13.21	119	157694	55.026	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	192176	59.291	ug/l	100
85) sec-Butylbenzene	13.39	105	164202	40.557	ug/l	100
86) p-Isopropyltoluene	13.51	119	135130	36.901	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	94489	51.017	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97808	53.039	ug/l	99
89) n-Butylbenzene	13.83	91	77687	23.197	ug/l	99
90) Hexachloroethane	14.10	117	17100	27.568	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	88063	53.304	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9697	93.721	ug/l	98
93) 1,2,4-Trichlorobenzene	15.15	180	27490	21.626	ug/l	99
94) Hexachlorobutadiene	15.24	225	10072	12.613	ug/l	99

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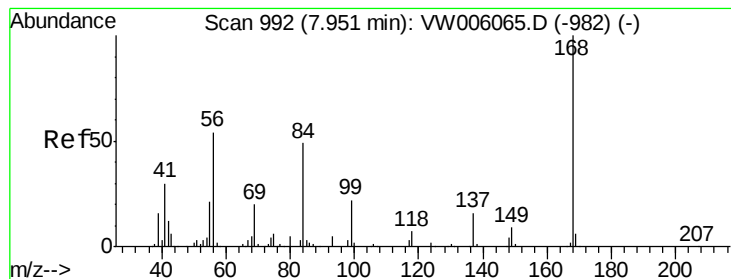
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	84228	39.831	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	22220	20.209	ug/l	98

(#) = 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: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion:168 Resp: 168122

Ion Ratio Lower Upper

168 100

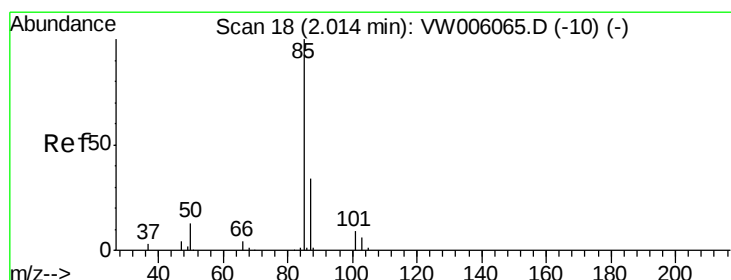
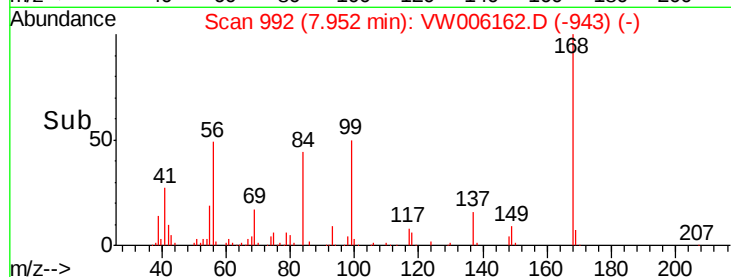
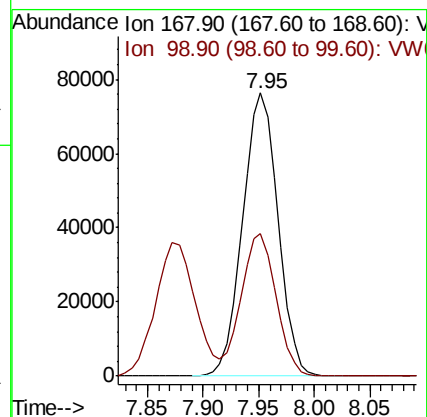
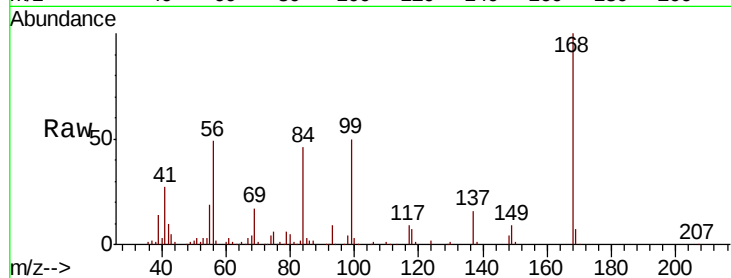
99 50.4 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 62.003 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006162.D

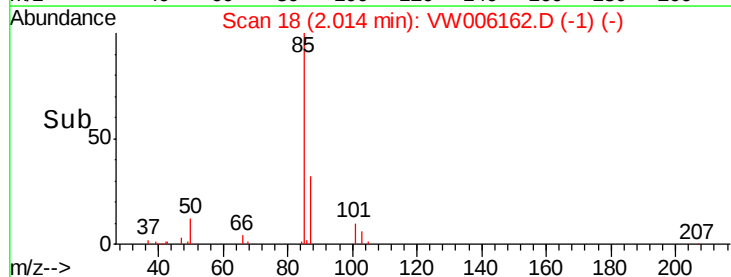
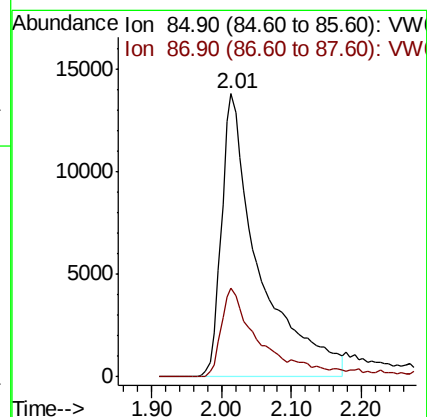
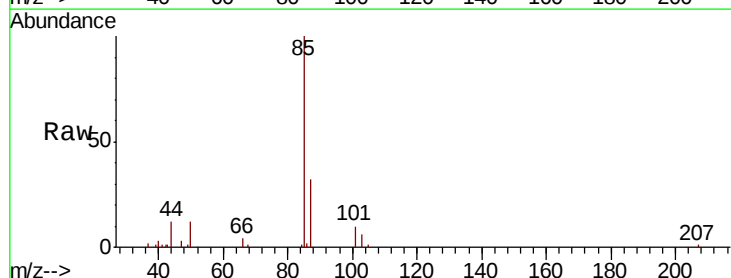
Acq: 18 Oct 2018 08:49

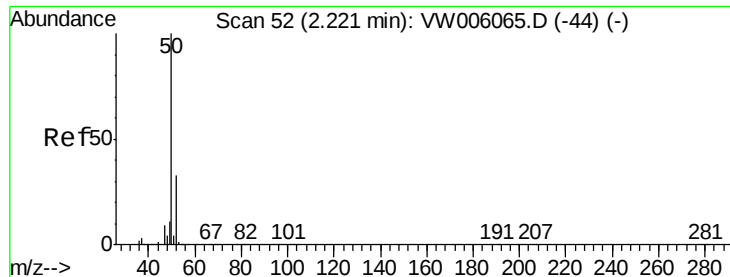
Tgt Ion: 85 Resp: 51584

Ion Ratio Lower Upper

85 100

87 31.5 16.9 50.6





#3

Chloromethane

Concen: 57.466 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion: 50 Resp: 61542

Ion Ratio Lower Upper

50 100

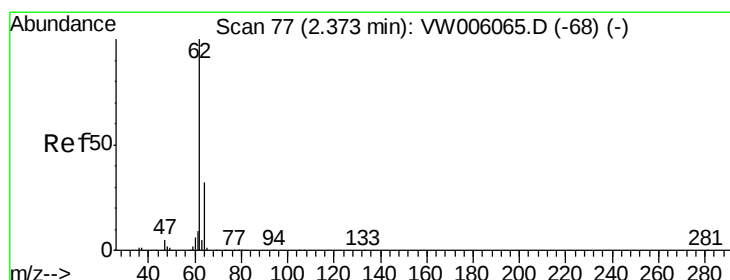
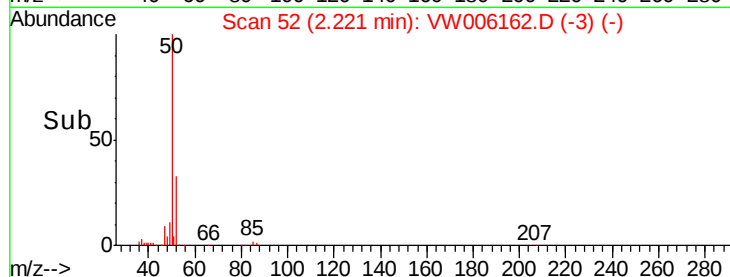
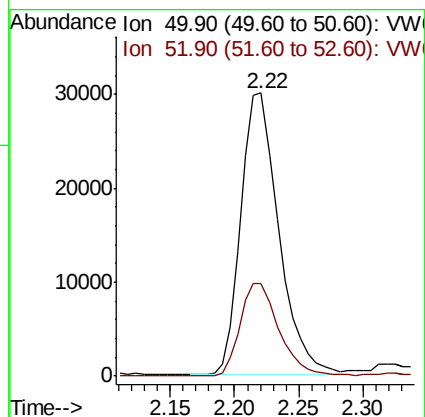
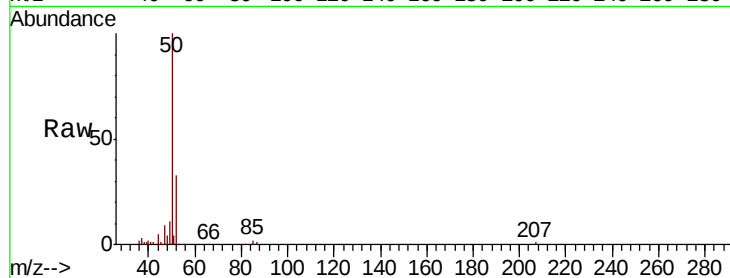
52 32.9 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 63.780 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006162.D

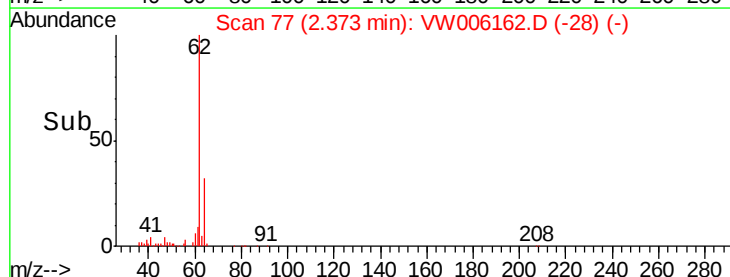
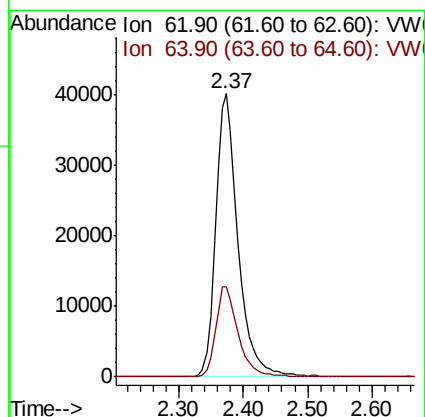
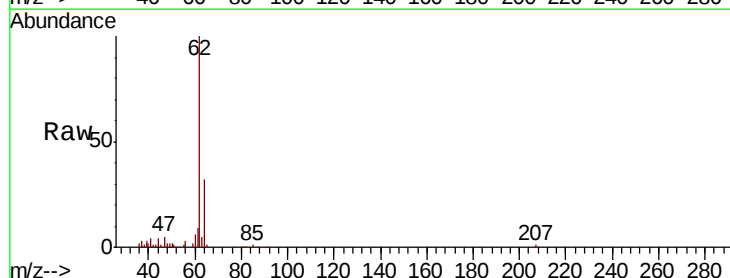
Acq: 18 Oct 2018 08:49

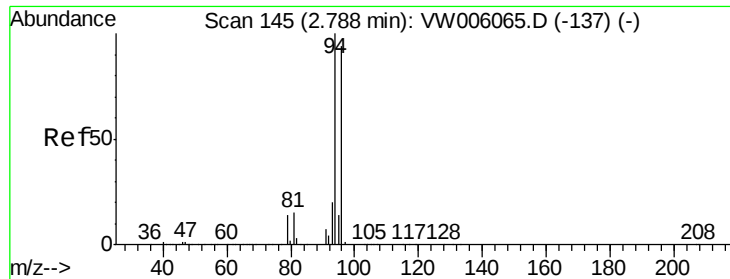
Tgt Ion: 62 Resp: 97544

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 34.921 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

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ClientSampleId :

RLF-SD-5MSD

Tot Ion: 94 Resp: 48577

Ion Ratio Lower Upper

94 100

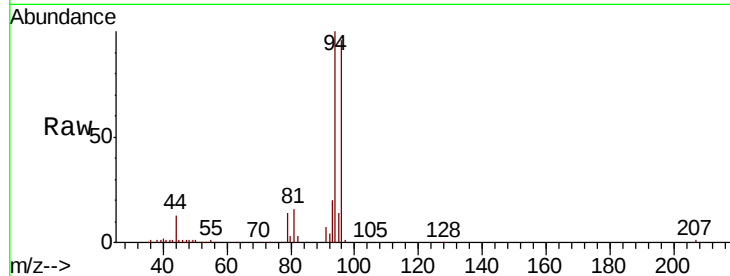
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Manual Integrations

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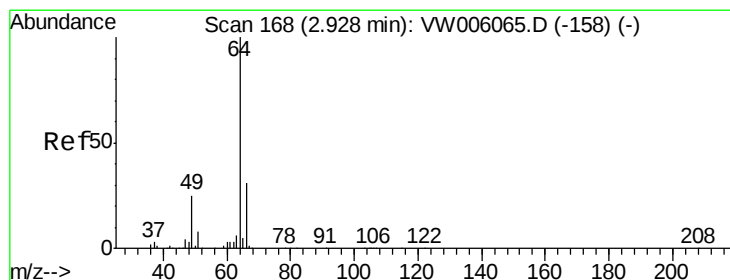
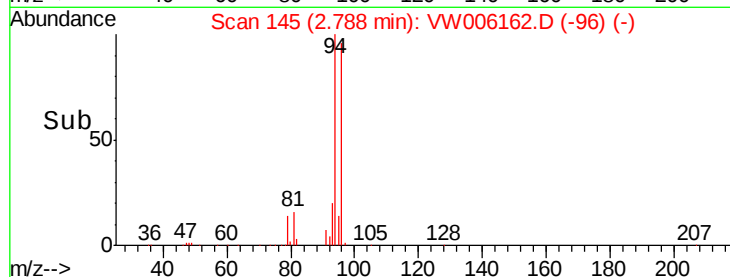
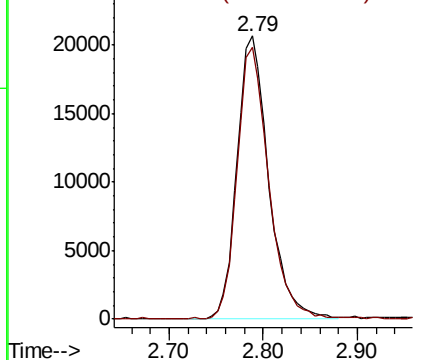
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 62.220 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006162.D

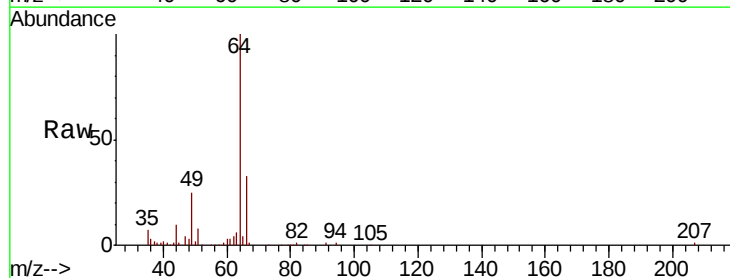
Acq: 18 Oct 2018 08:49

Tgt Ion: 64 Resp: 68194

Ion Ratio Lower Upper

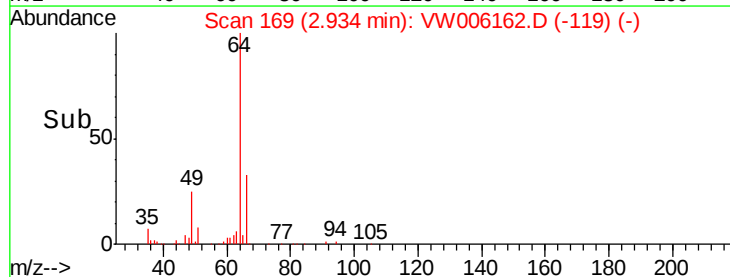
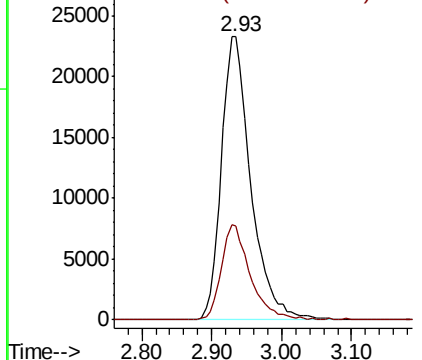
64 100

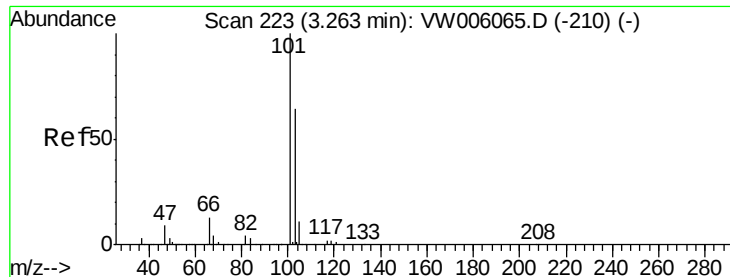
66 33.1 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

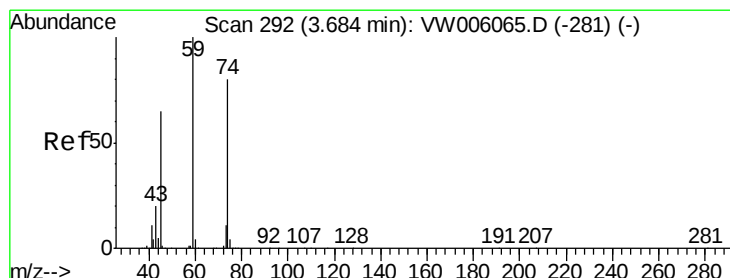
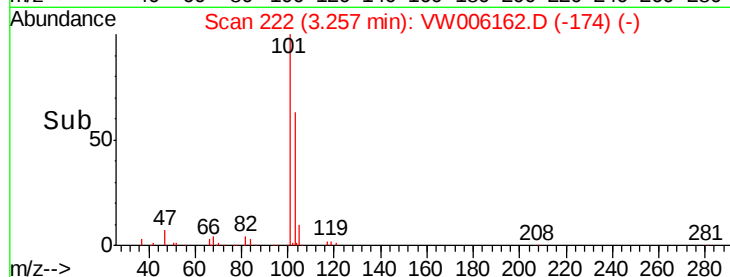
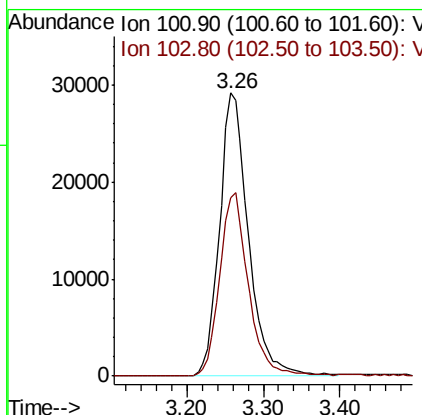
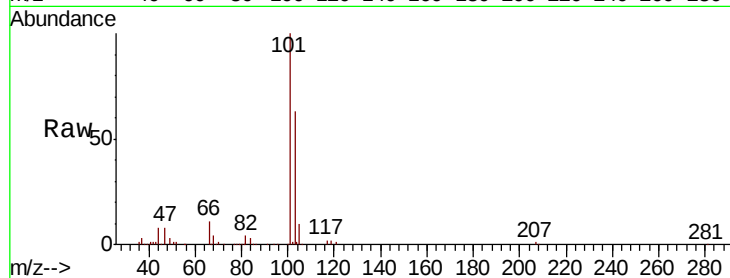
Trichlorofluoromethane
Concen: 53.672 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006162.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.2	76.8

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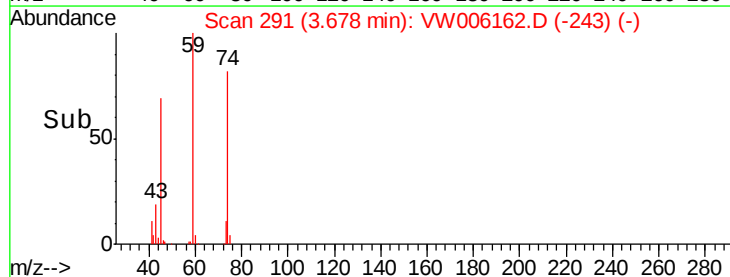
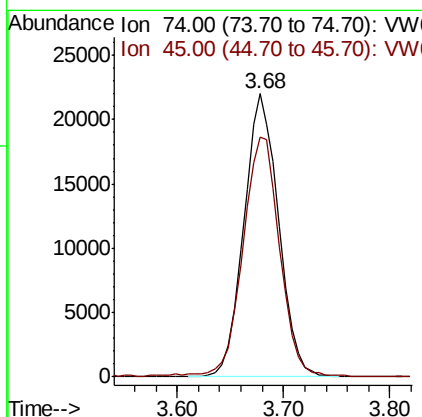
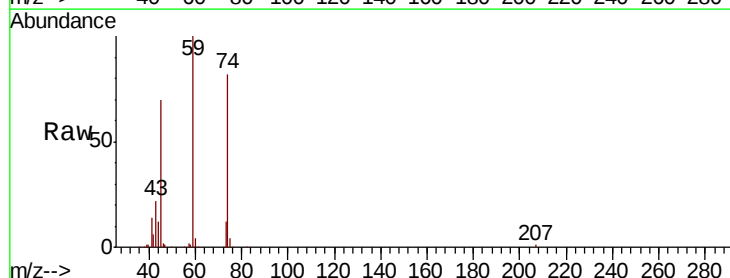
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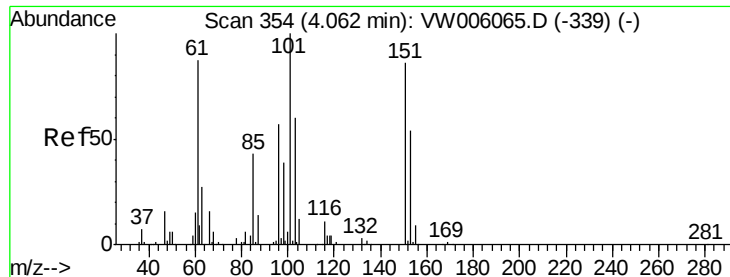


#8

Diethyl Ether
Concen: 66.402 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.8	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.256 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

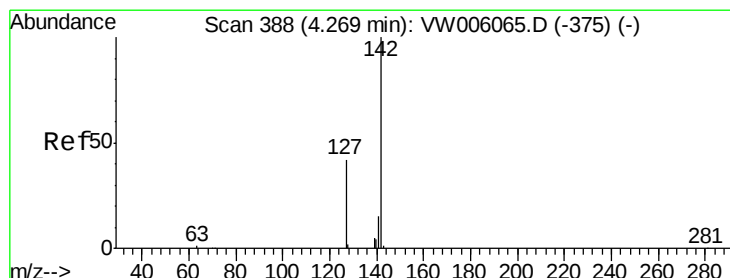
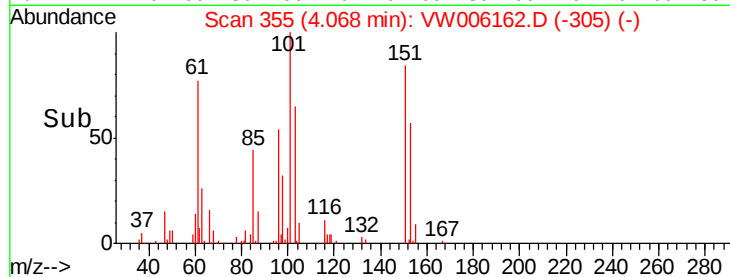
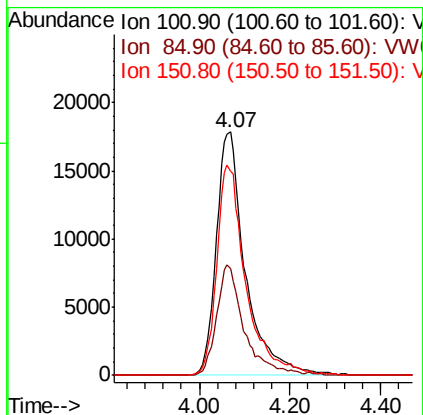
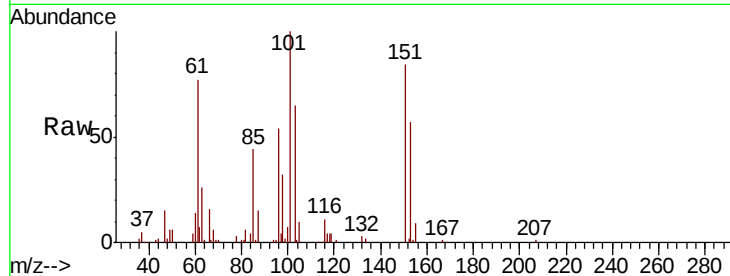
ClientSampleId :

RLF-SD-5MSD

Tot Ion:	101	Resp:	79516
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.9	52.3
151	86.6	70.4	105.6

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#10

Methyl Iodide

Concen: 20.214 ug/l

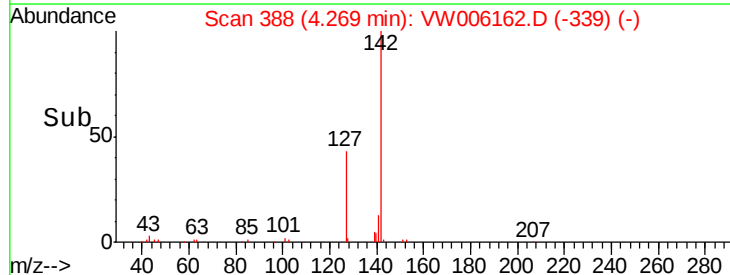
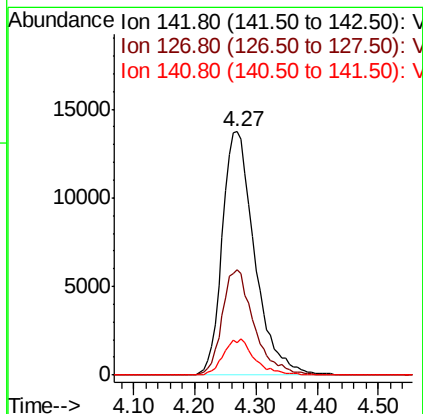
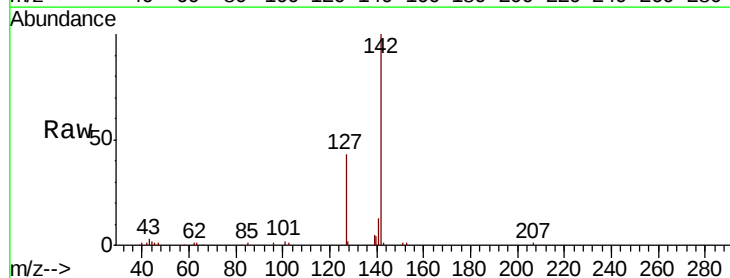
RT: 4.27 min Scan# 388

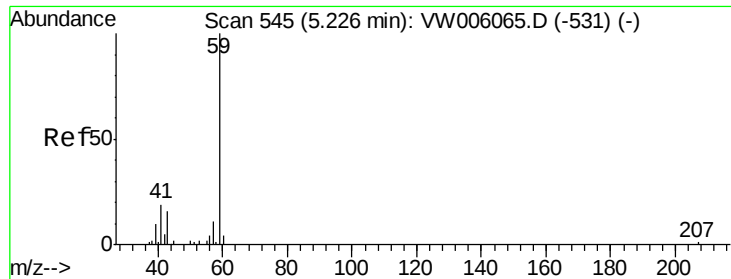
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion:	142	Resp:	50234
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.6	50.4
141	14.2	11.6	17.4





#11

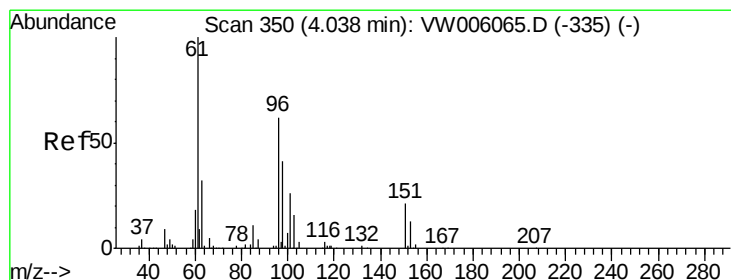
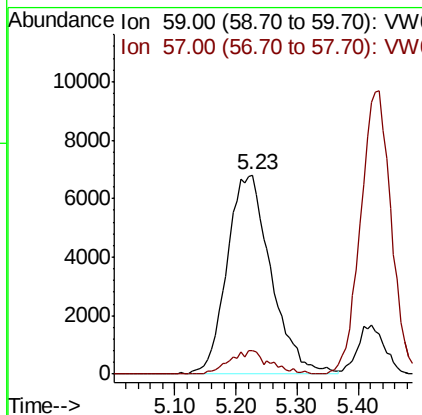
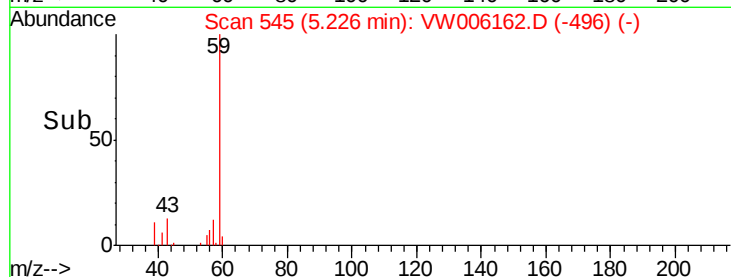
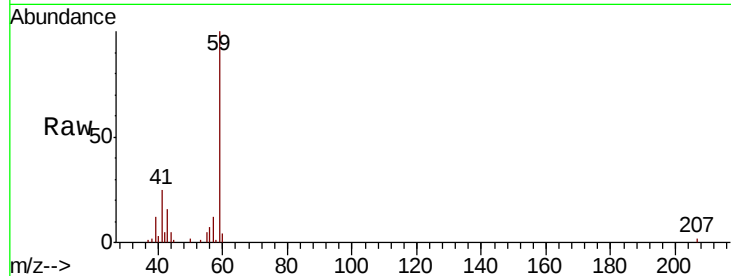
Tert butyl alcohol
Concen: 362.254 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.7	13.1

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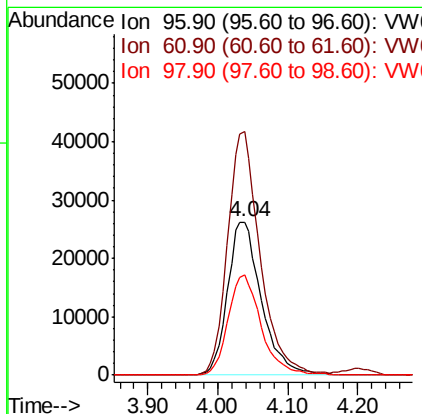
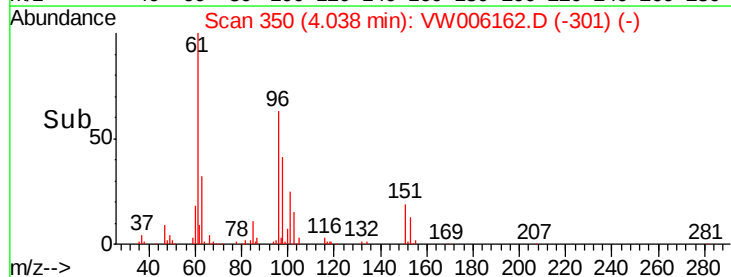
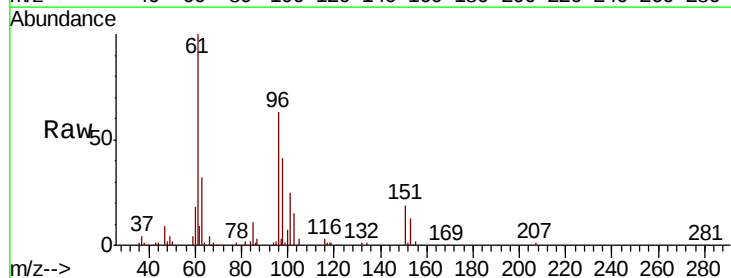
apatel
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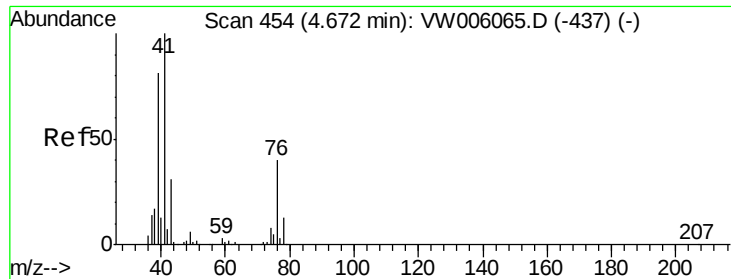


#12

1,1-Dichloroethene
Concen: 62.583 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.3	129.3	193.9
98	65.5	53.1	79.7





#14

Allvl chloride

Concen: 37.861 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

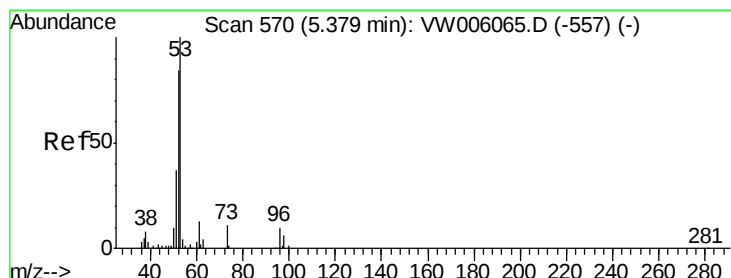
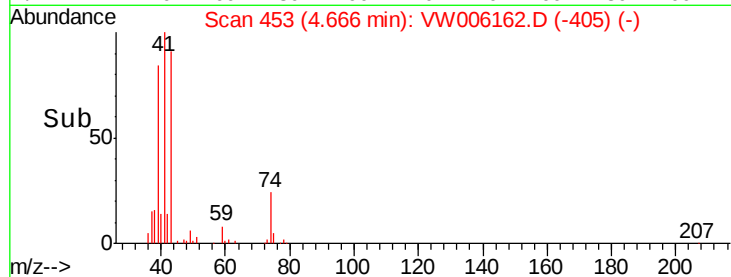
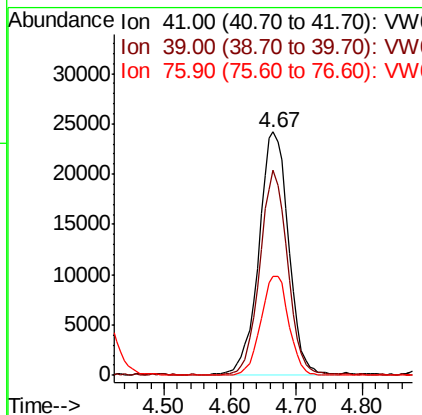
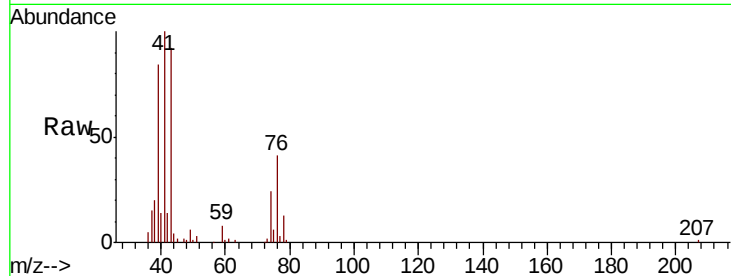
ClientSampleId :

RLF-SD-5MSD

Tot Ion:	41	Resp:	76045
Ion Ratio	Lower	Upper	
41	100		
39	78.2	64.1	96.1
76	38.0	32.2	48.4

Manual Integrations
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#15

Acrylonitrile

Concen: 299.104 ug/l

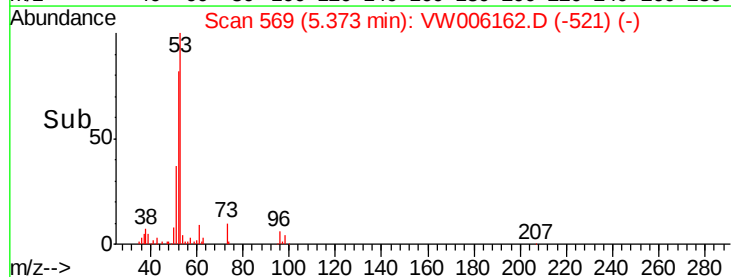
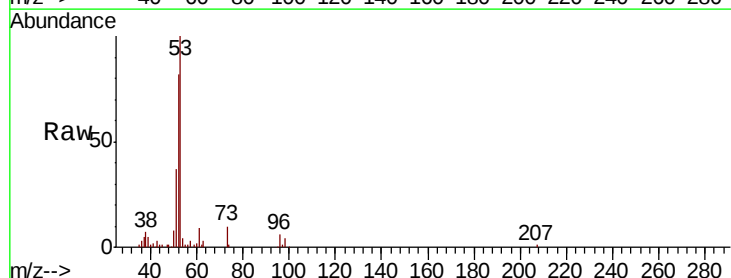
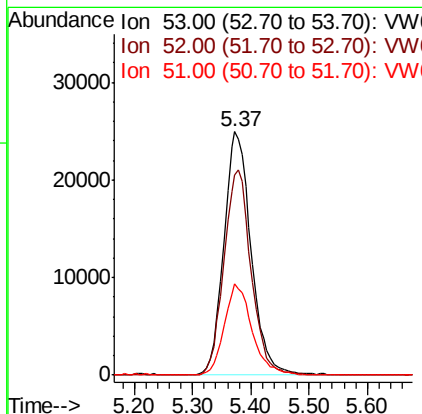
RT: 5.37 min Scan# 569

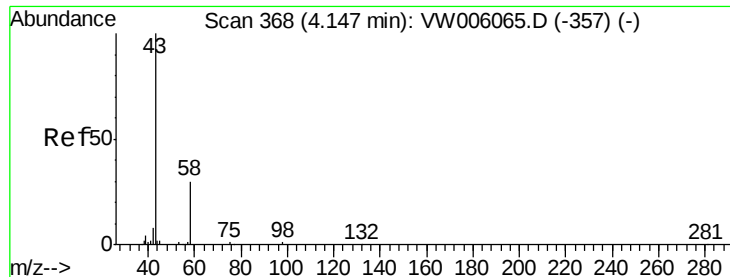
Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion:	53	Resp:	81232
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.9	100.3
51	37.9	30.1	45.1





#16

Acetone

Concen: 336.284 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion: 43 Resp: 86599

Ion Ratio Lower Upper

43 100

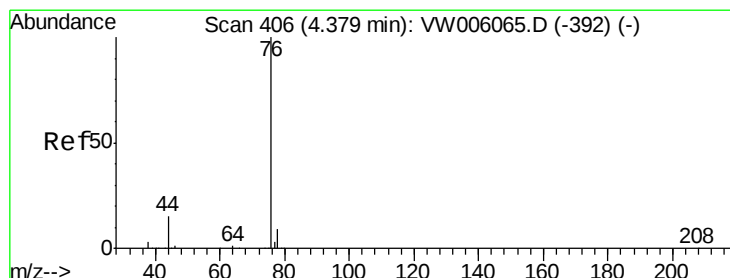
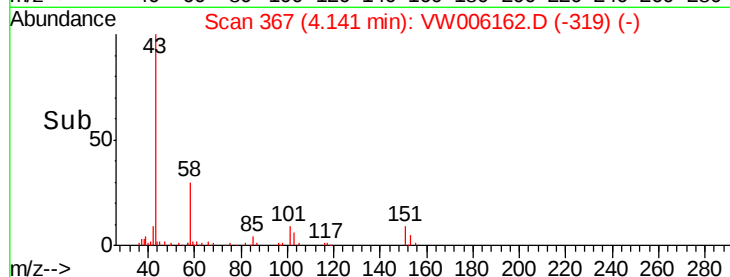
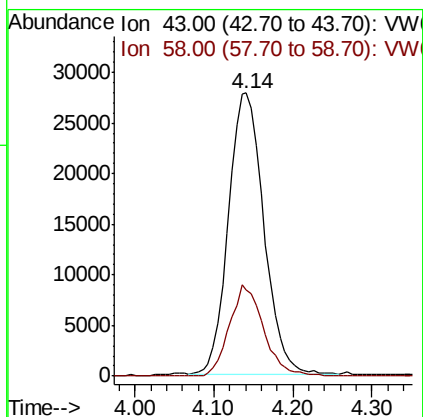
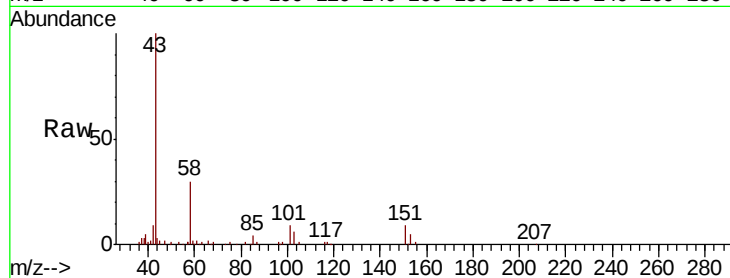
58 30.5 24.0 36.0

Manual Integrations

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#17

Carbon Disulfide

Concen: 22.715 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006162.D

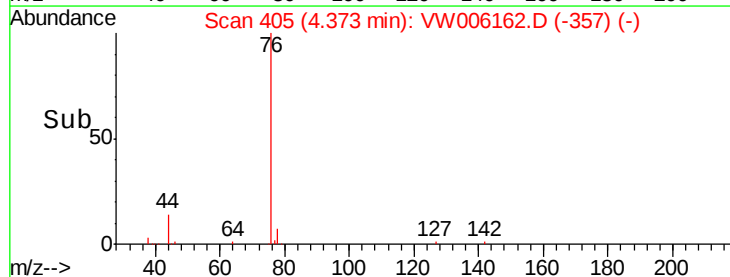
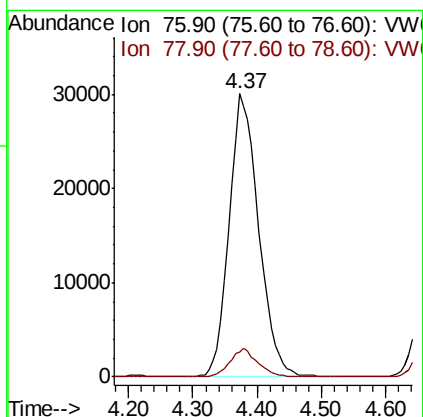
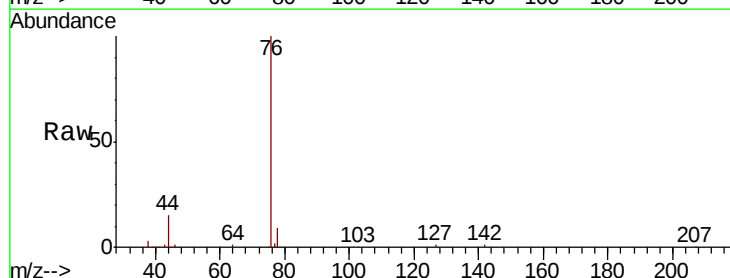
Acq: 18 Oct 2018 08:49

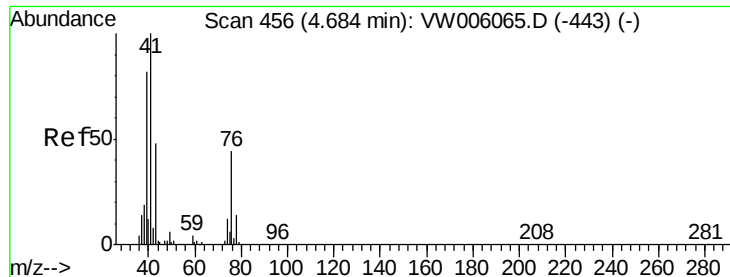
Tgt Ion: 76 Resp: 96302

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





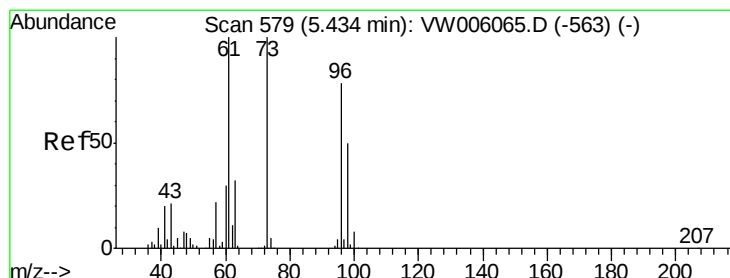
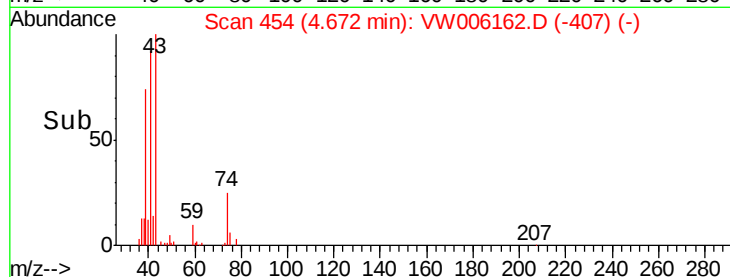
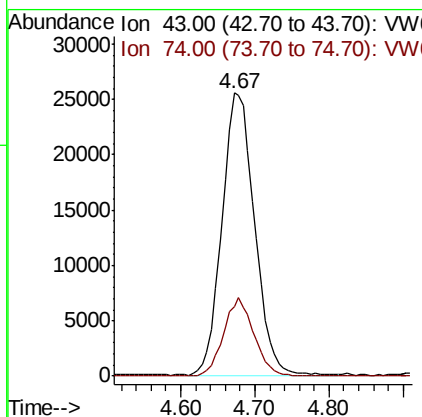
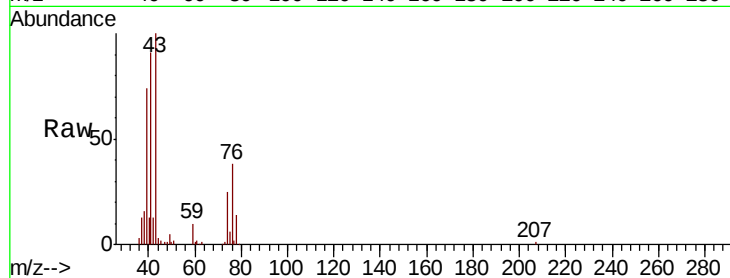
#18
Methyl Acetate
Concen: 110.422 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion: 43 Resp: 77454
Ion Ratio Lower Upper
43 100
74 25.8 20.5 30.7

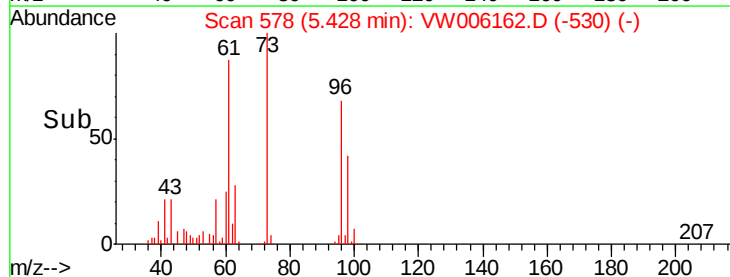
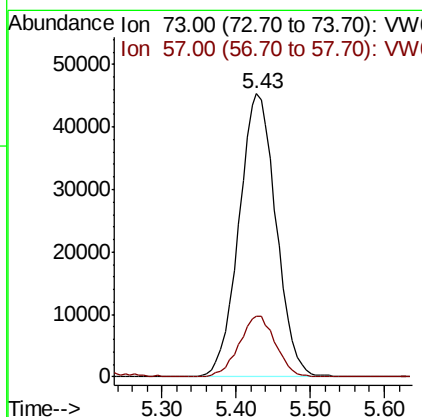
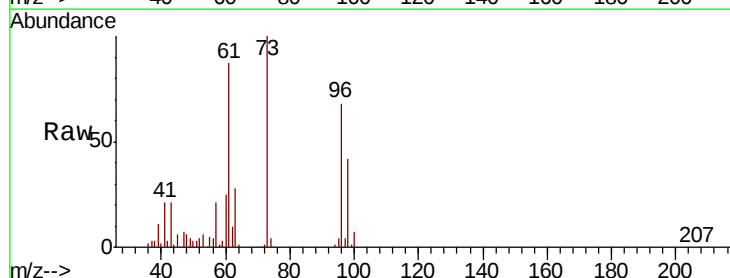
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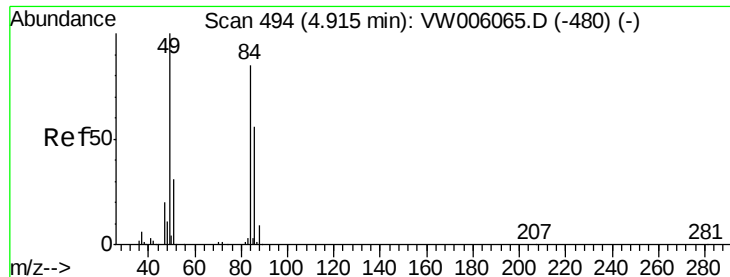
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#19
Methyl tert-butyl Ether
Concen: 73.831 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion: 73 Resp: 157963
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2





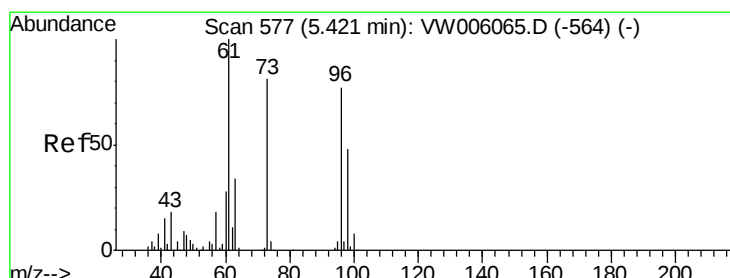
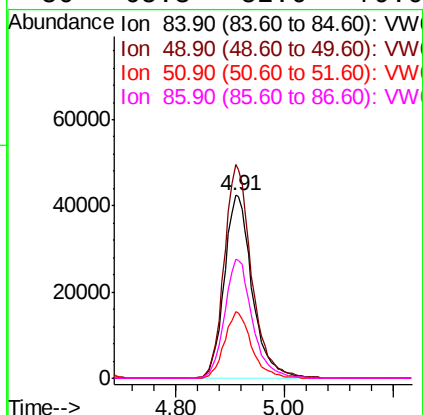
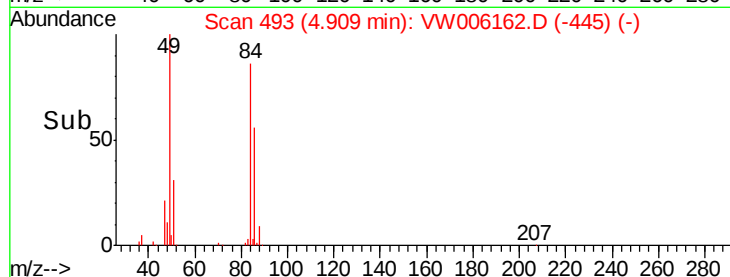
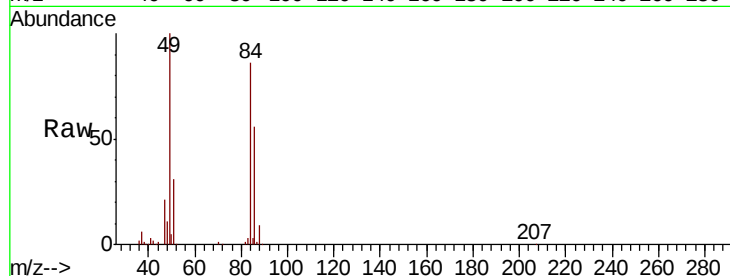
#20
Methylene Chloride
Concen: 104.511 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion:	84	Resp:	151518
Ion Ratio	Lower	Upper	
84	100		
49	116.9	93.6	140.4
51	36.2	29.0	43.4
86	65.3	52.6	79.0

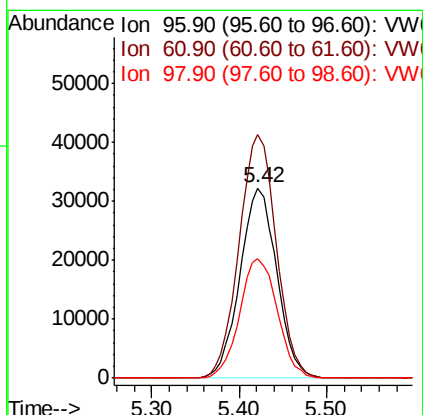
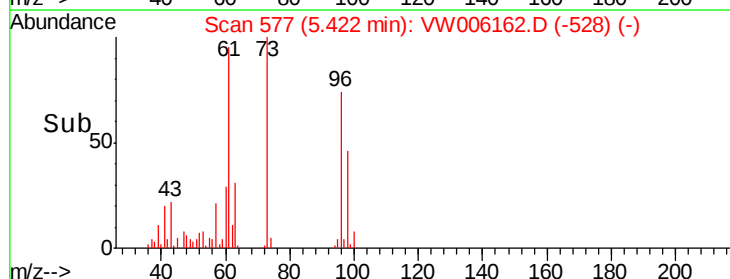
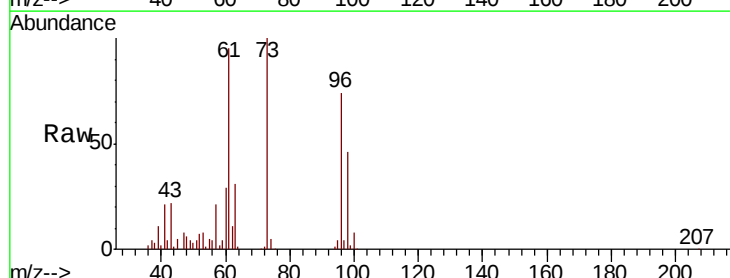
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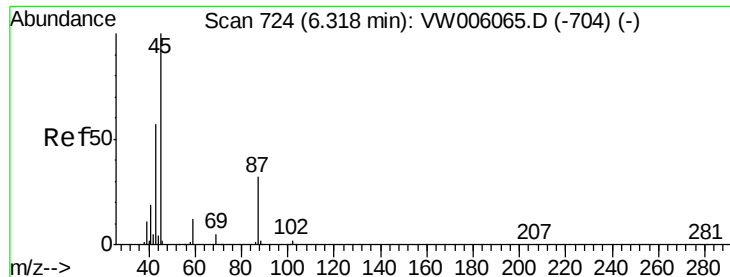
apatel
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#21
trans-1,2-Dichloroethene
Concen: 60.261 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion:	96	Resp:	94485
Ion Ratio	Lower	Upper	
96	100		
61	128.1	104.5	156.7
98	62.6	50.6	75.8





#22

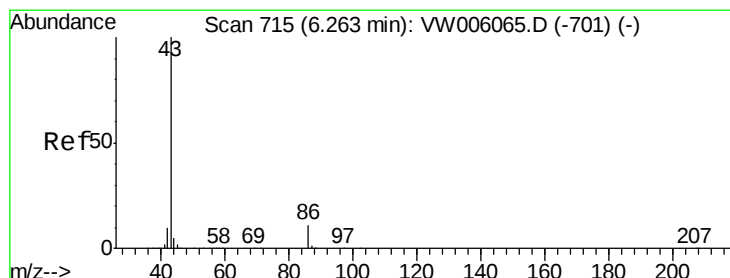
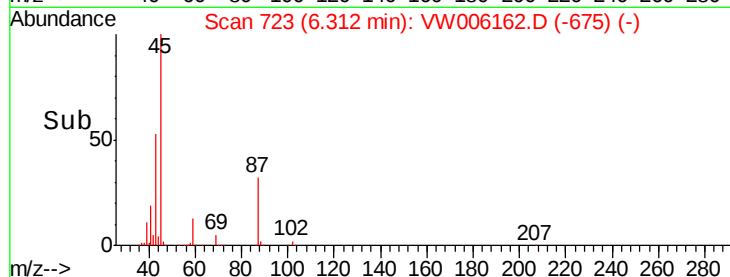
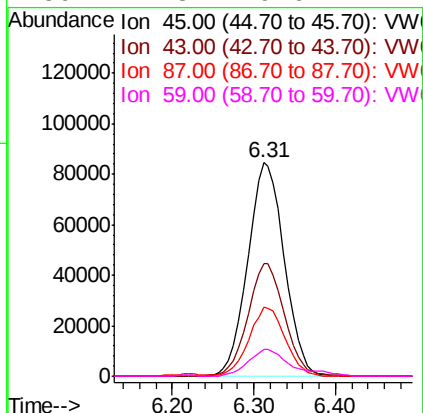
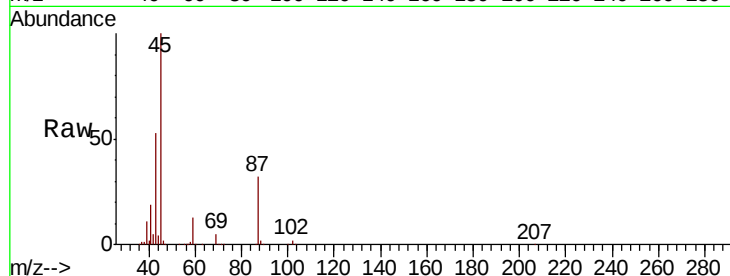
Diisopropyl ether
Concen: 66.229 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ion	Ratio	Lower	Upper
45	45.00 (44.70 to 45.70): VW	100		
43	43.00 (42.70 to 43.70): VW	52.9	45.7	68.5
87	87.00 (86.70 to 87.70): VW	32.4	25.9	38.9
59	59.00 (58.70 to 59.70): VW	12.3	9.6	14.4

Manual Integrations
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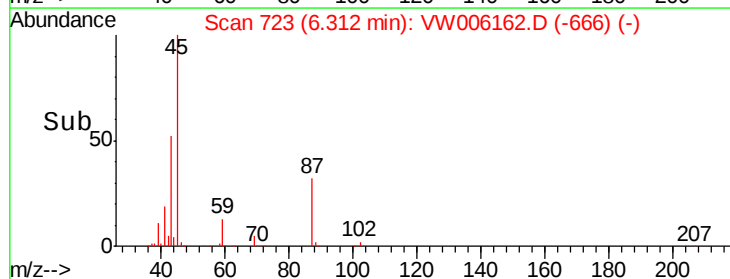
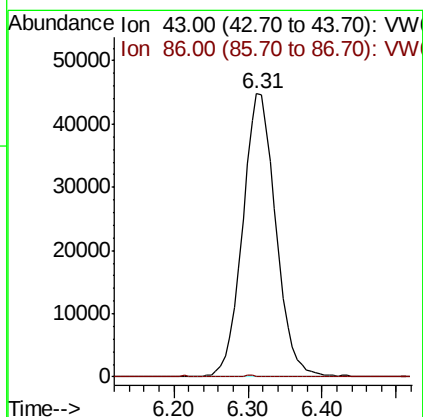
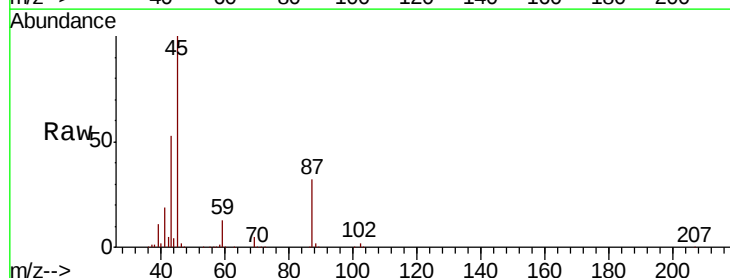
apatel
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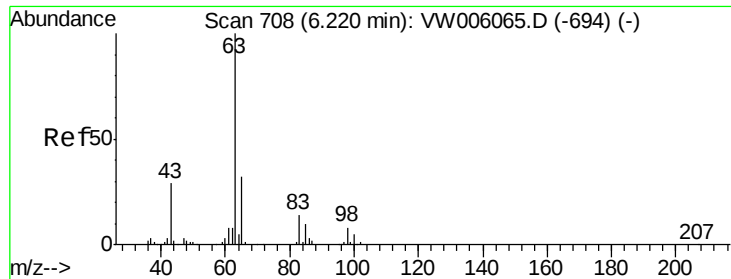


#23

Vinyl Acetate
Concen: 59.772 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.05 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ion	Ratio	Lower	Upper
43	43.00 (42.70 to 43.70): VW	100		
86	86.00 (85.70 to 86.70): VW	0.4	9.0	13.6#





#24

1,1-Dichloroethane

Concen: 64.857 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

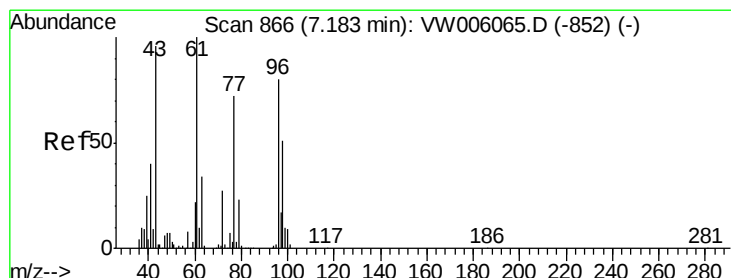
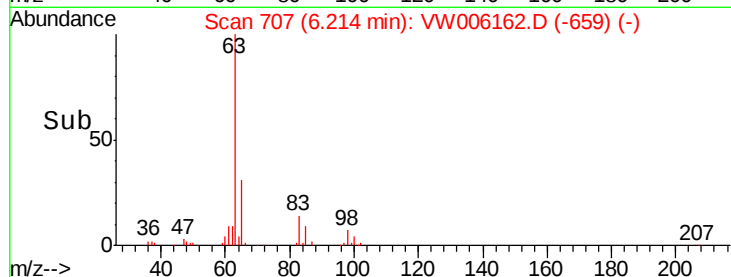
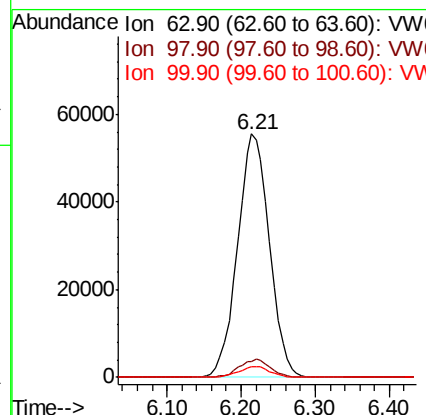
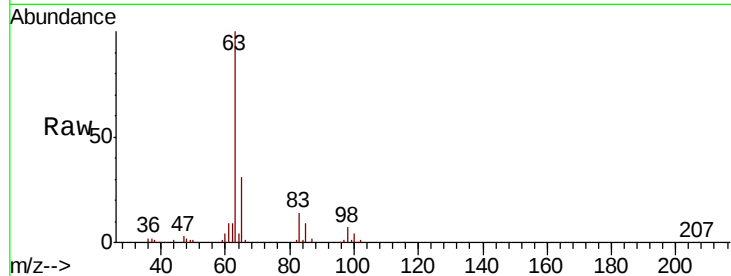
ClientSampleId :

RLF-SD-5MSD

Tot Ion:	63	Resp:	166108
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.8	11.2
100	4.2	2.5	7.5

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#25

2-Butanone

Concen: 293.573 ug/l

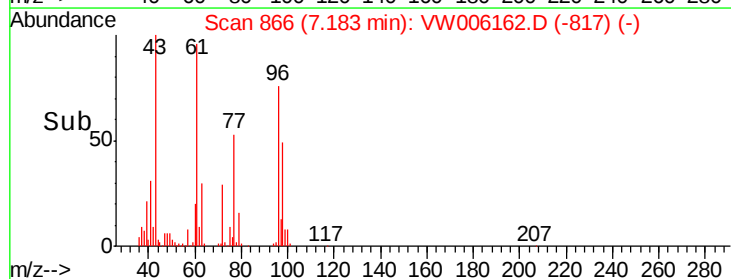
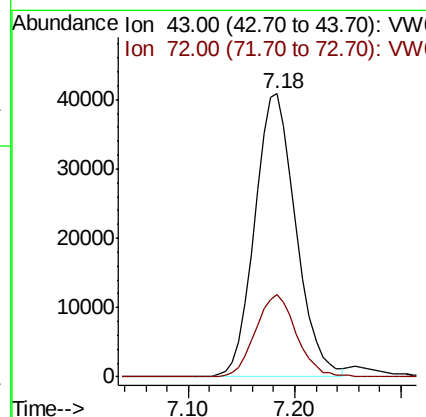
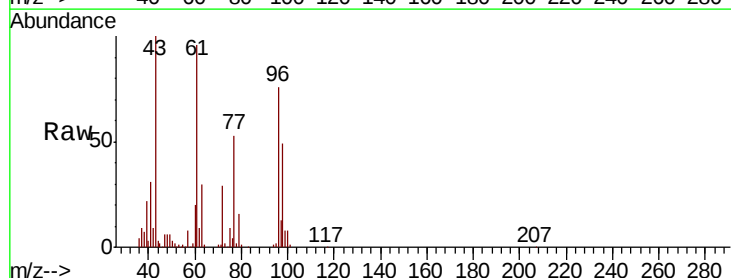
RT: 7.18 min Scan# 866

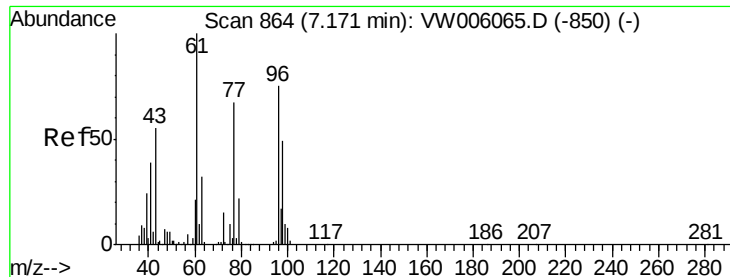
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion:	43	Resp:	110542
Ion Ratio	Lower	Upper	
43	100		
72	28.9	22.8	34.2





#26

2,2-Dichloropropane

Concen: 46.764 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion: 77 Resp: 84472

Ion Ratio Lower Upper

77 100

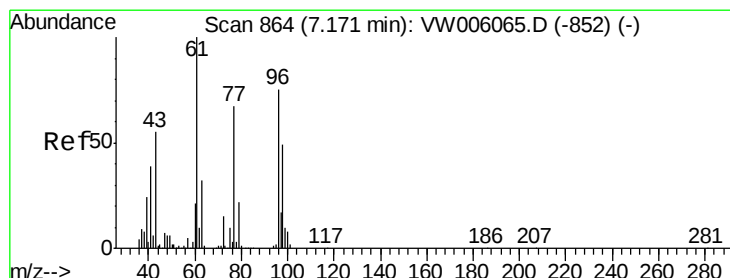
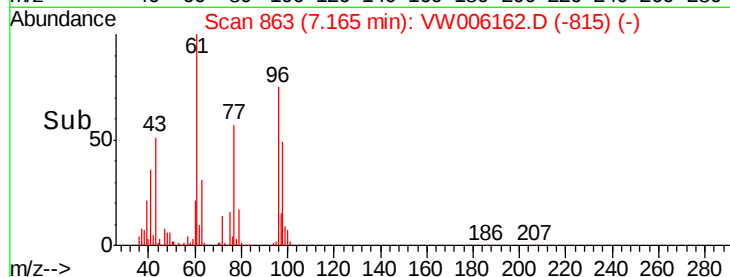
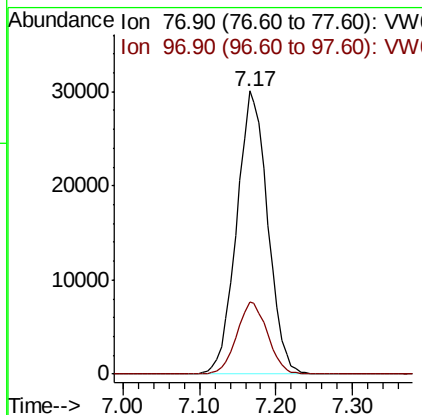
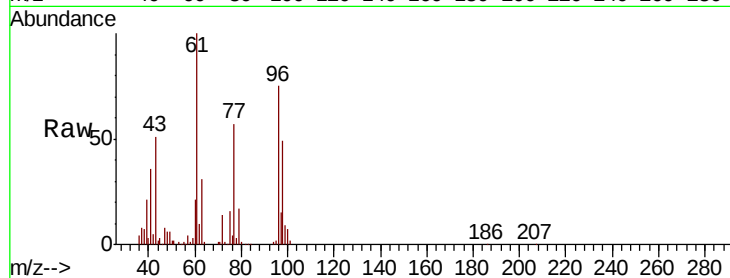
97 25.3 12.2 36.4

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 61.901 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

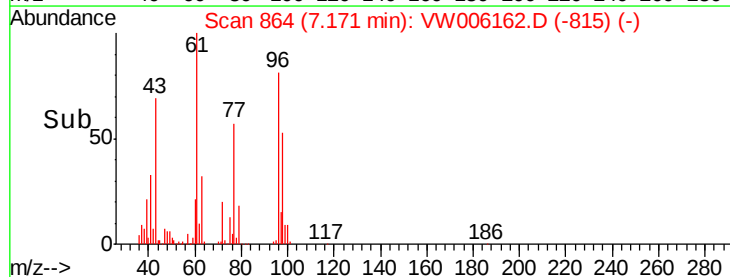
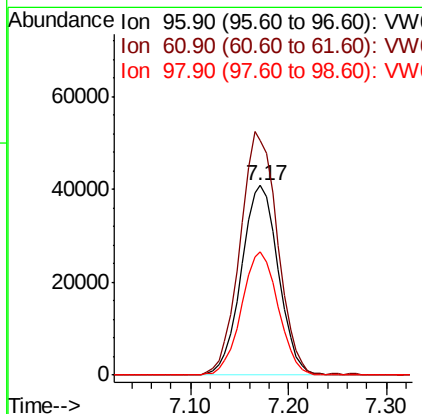
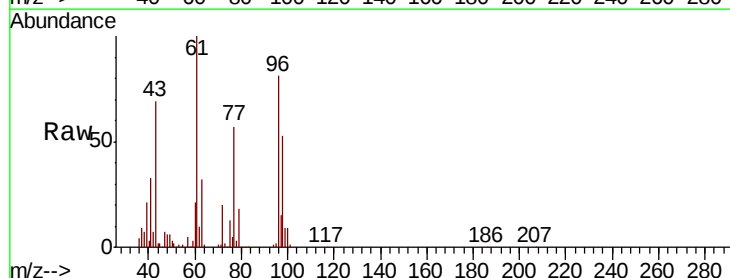
Tgt Ion: 96 Resp: 107105

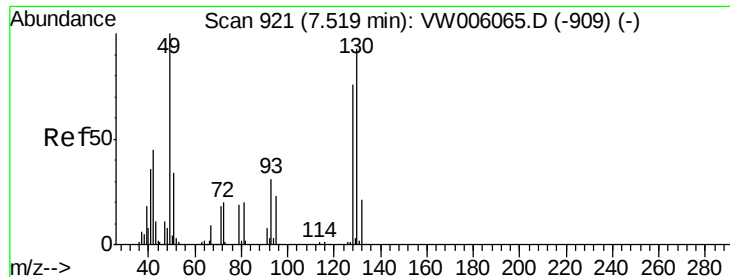
Ion Ratio Lower Upper

96 100

61 130.5 0.0 267.2

98 64.9 0.0 128.6





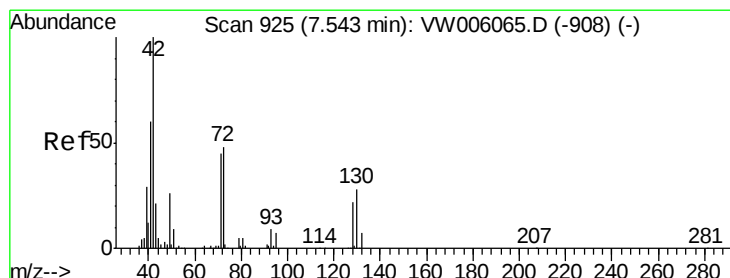
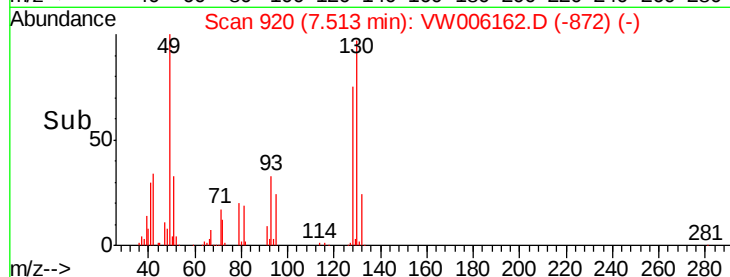
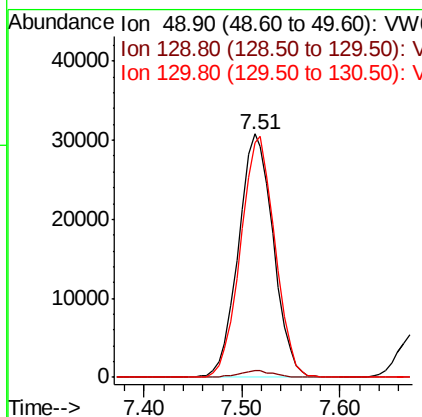
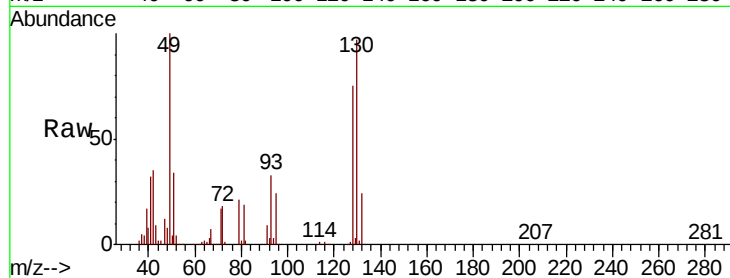
#28
Bromochloromethane
Concen: 76.763 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	97.7	73.8	110.8

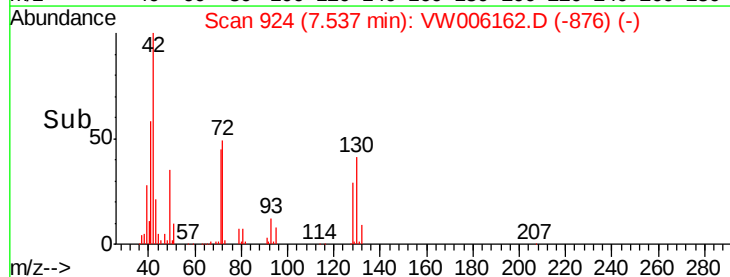
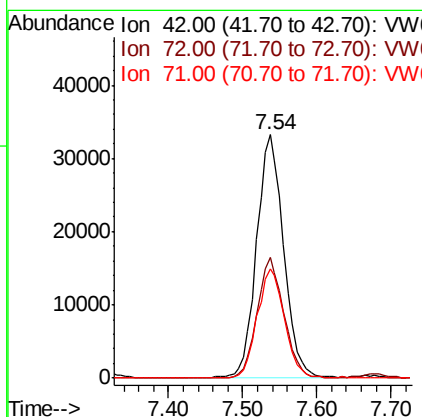
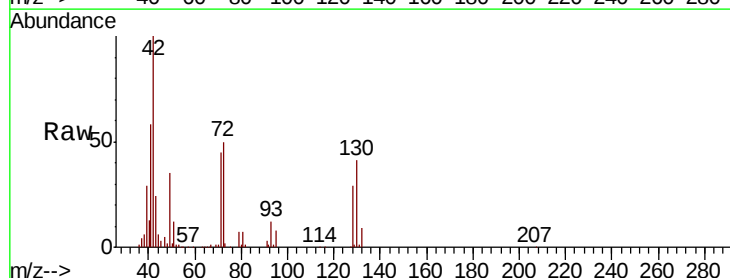
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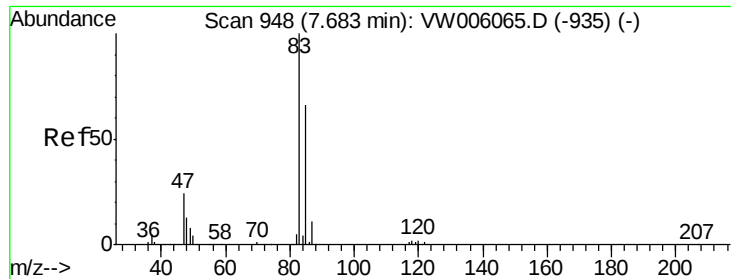
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#29
Tetrahydrofuran
Concen: 366.381 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.6	38.0	57.0
71	45.2	35.3	52.9





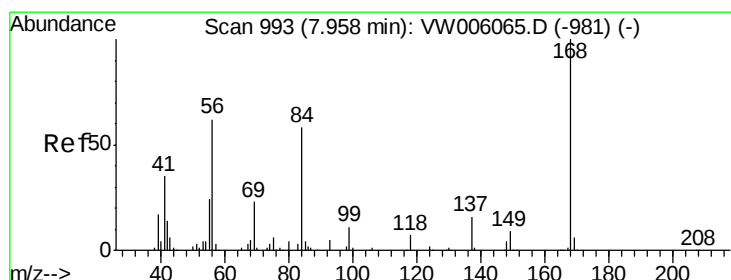
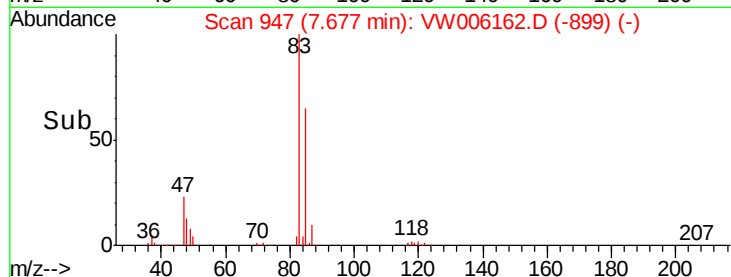
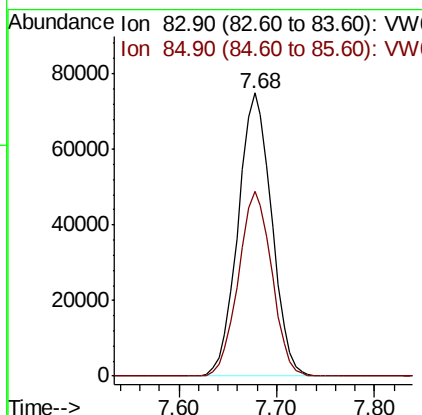
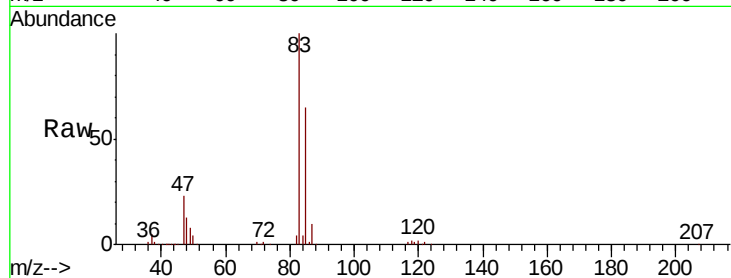
#30
Chloroform
Concen: 63.890 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion: 83 Resp: 178275
Ion Ratio Lower Upper
83 100
85 65.2 52.6 79.0

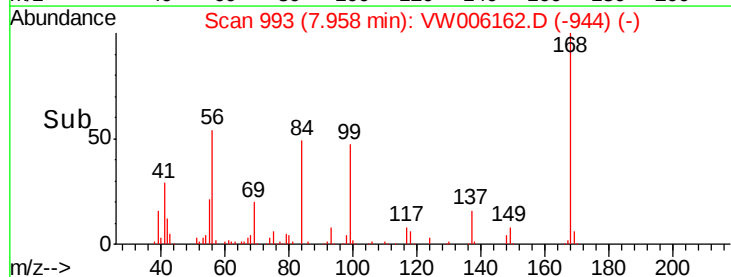
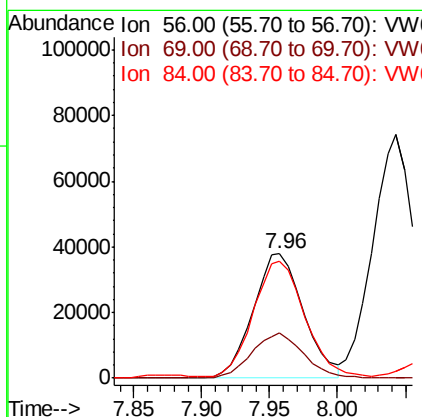
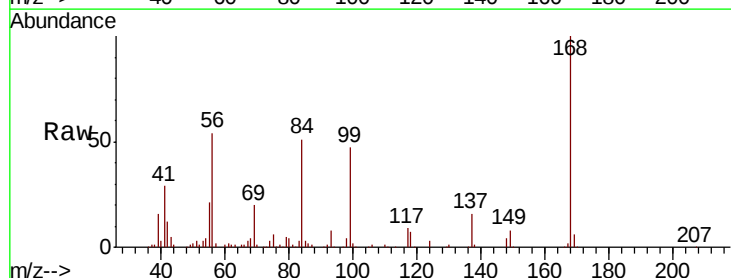
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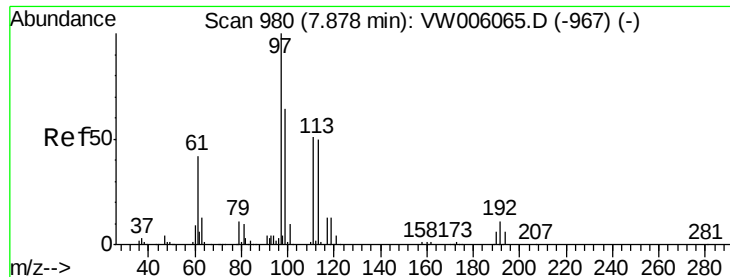
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#31
Cyclohexane
Concen: 38.578 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion: 56 Resp: 98394
Ion Ratio Lower Upper
56 100
69 36.8 29.4 44.0
84 92.4 74.0 111.0





#32

1,1,1-Trichloroethane

Concen: 56.248 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

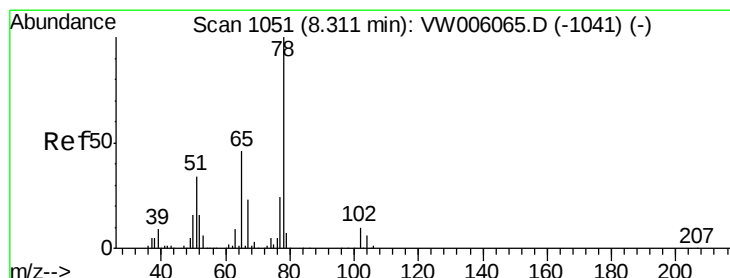
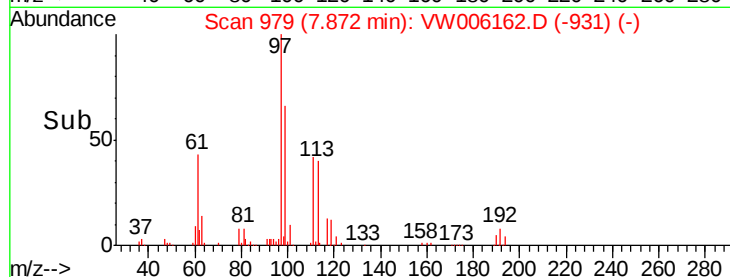
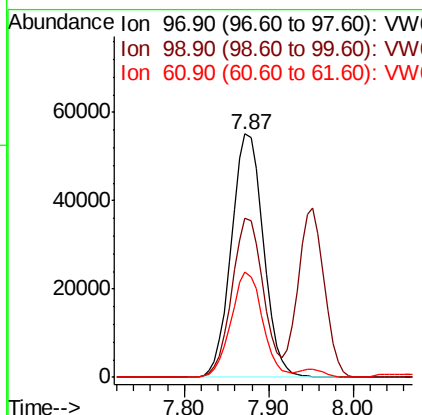
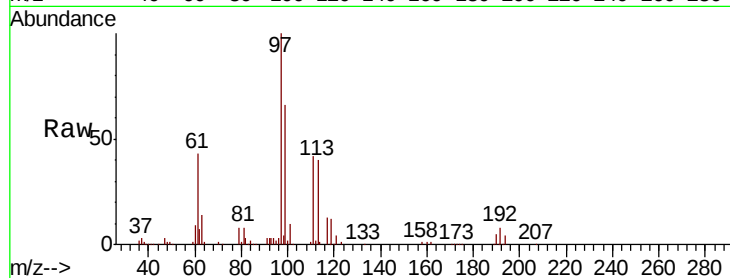
ClientSampleId :

RLF-SD-5MSD

Tot Ion:	97	Resp:	141581
Ion Ratio	Lower	Upper	
97	100		
99	64.2	50.9	76.3
61	42.5	33.7	50.5

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#33

1,2-Dichloroethane-d4

Concen: 64.155 ug/l

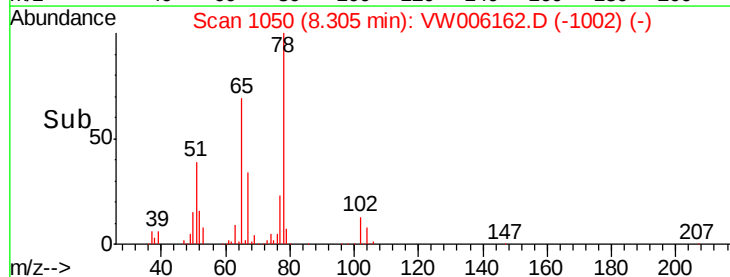
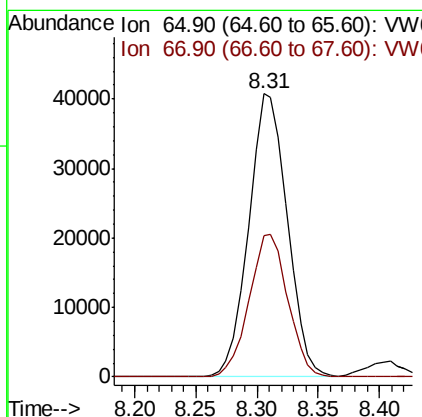
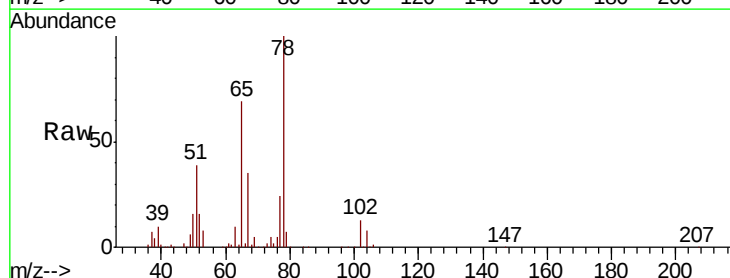
RT: 8.31 min Scan# 1050

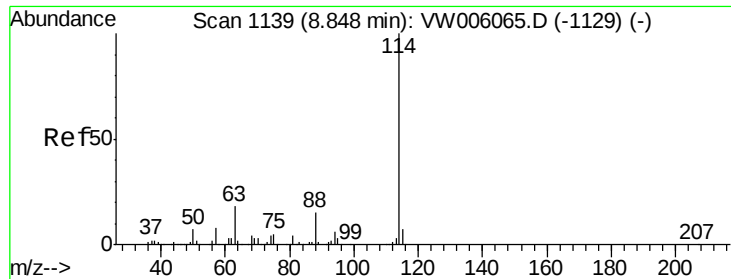
Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion:	65	Resp:	89421
Ion Ratio	Lower	Upper	
65	100		
67	50.7	0.0	101.0





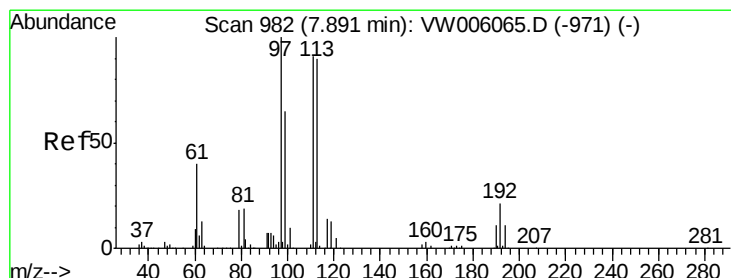
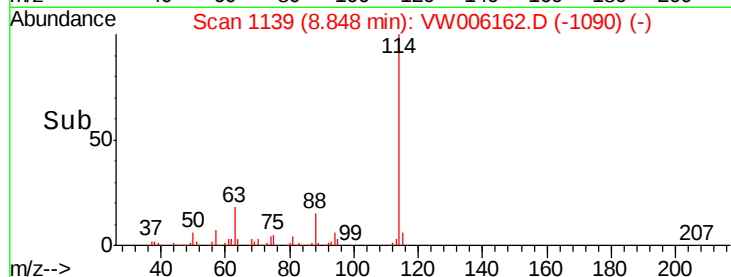
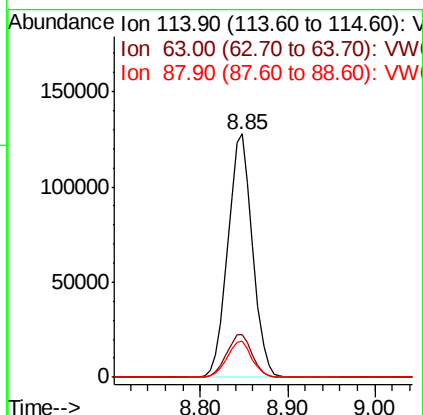
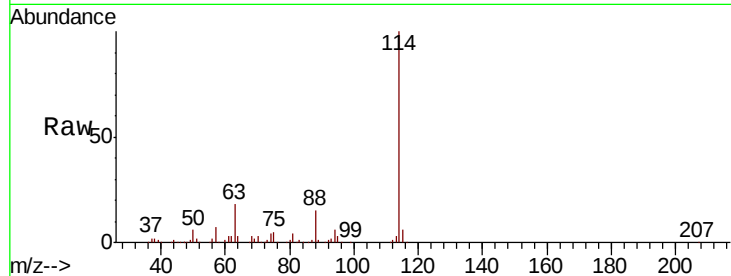
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MSD

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	17.5	0.0	36.8
88	14.6	0.0	29.0

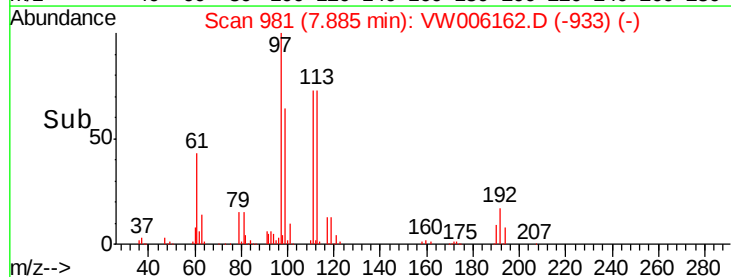
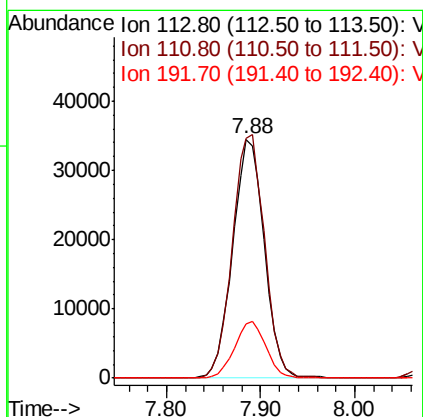
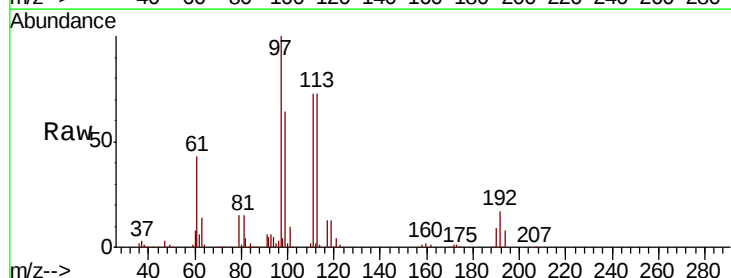
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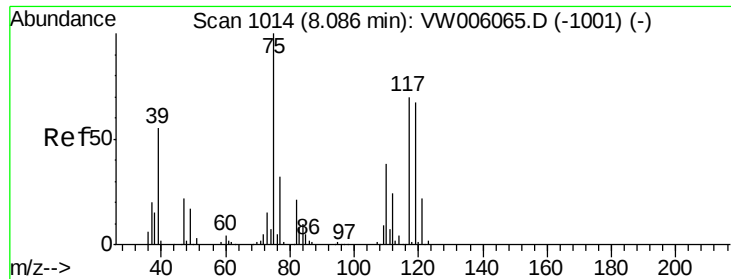
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#35
 Dibromofluoromethane
 Concen: 54.828 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.5	81.4	122.0
192	23.4	18.7	28.1





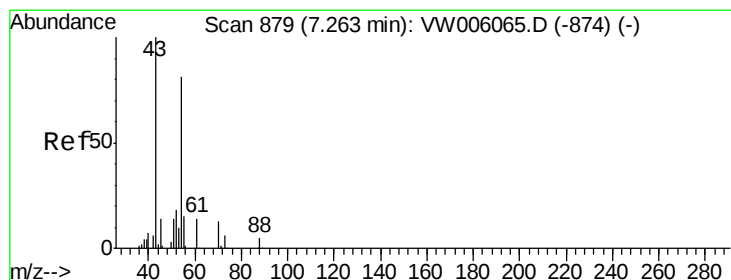
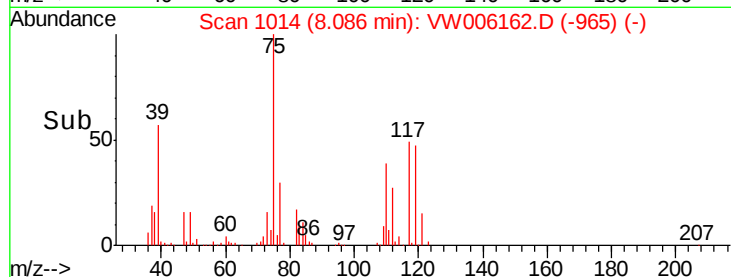
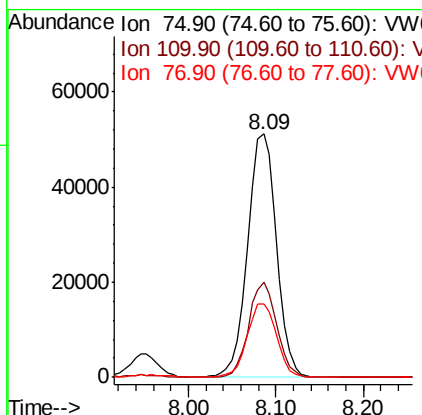
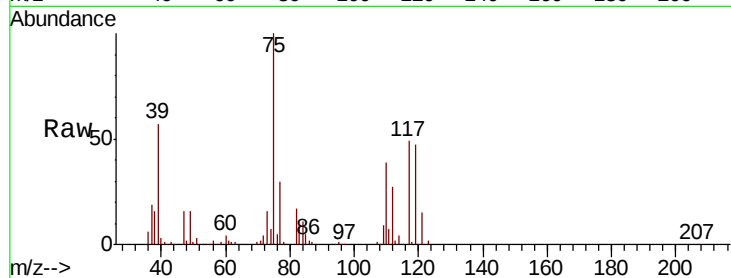
#36
 1,1-Dichloropropene
 Concen: 51.140 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.8	19.1	57.1
77	30.9	25.0	37.4

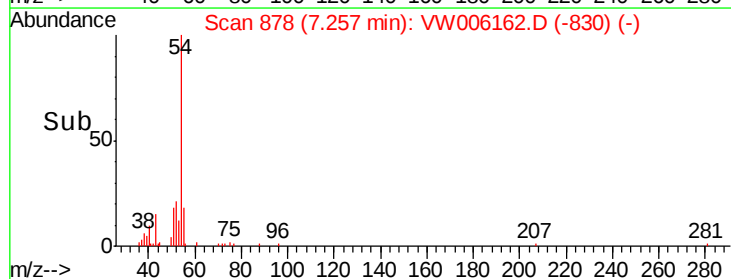
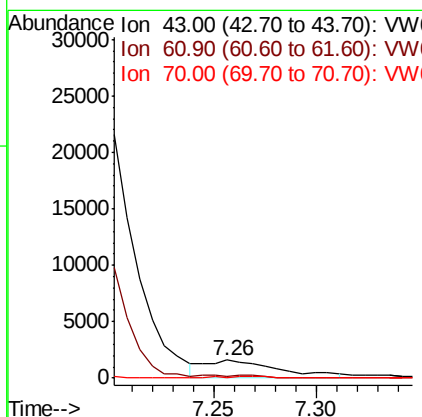
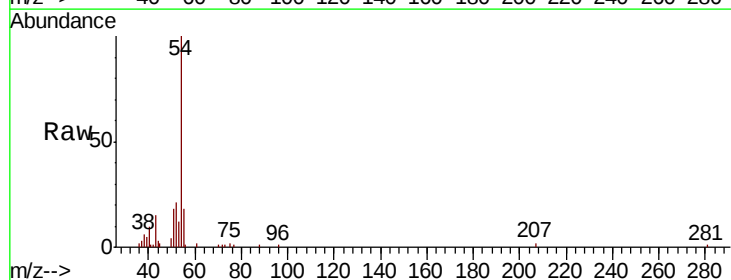
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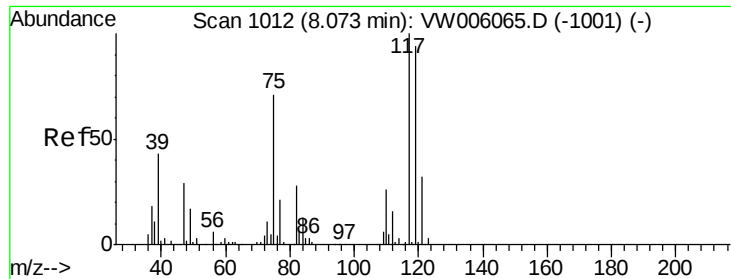
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#37
 Ethyl Acetate
 Concen: 4.686 ug/l m
 RT: 7.26 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	3496.3	11.5	17.3#
70	44.9	9.2	13.8#





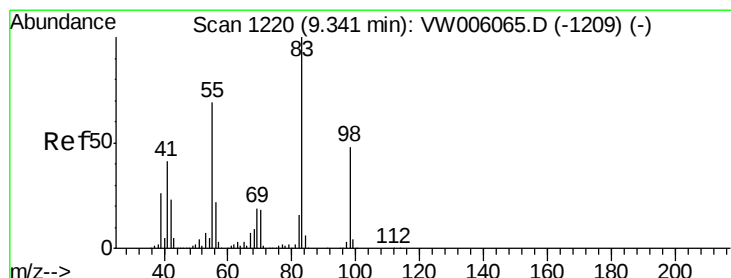
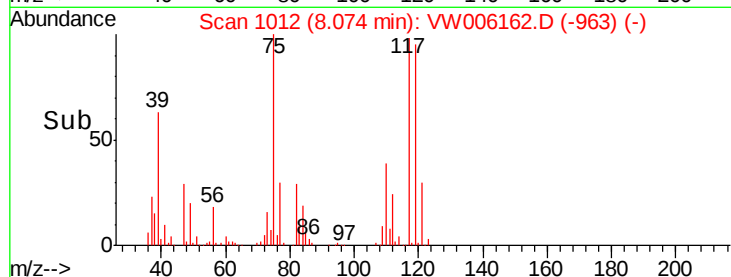
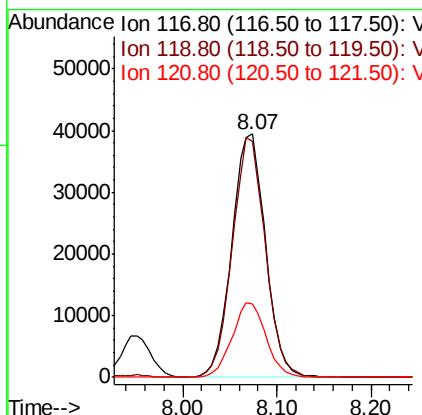
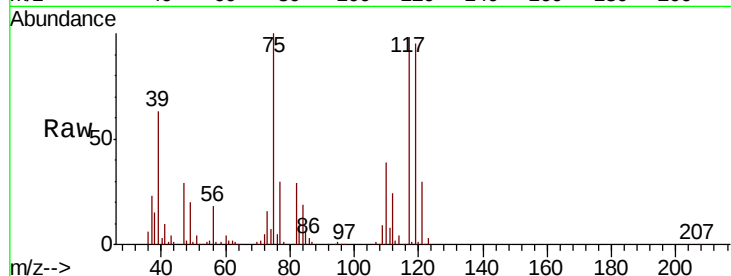
#38
Carbon Tetrachloride
Concen: 39.094 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.2	112.8
121	30.1	25.3	37.9

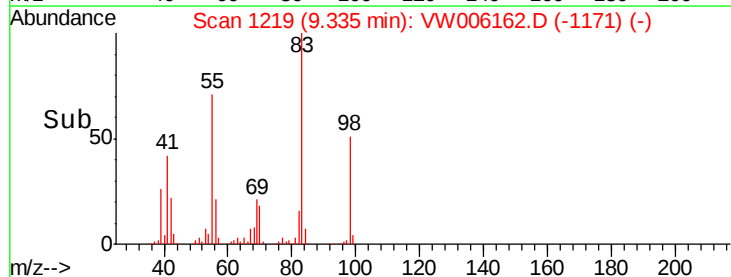
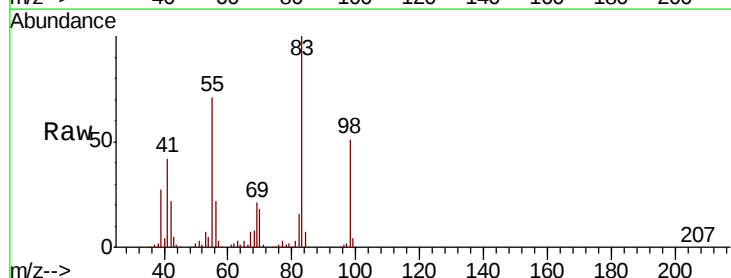
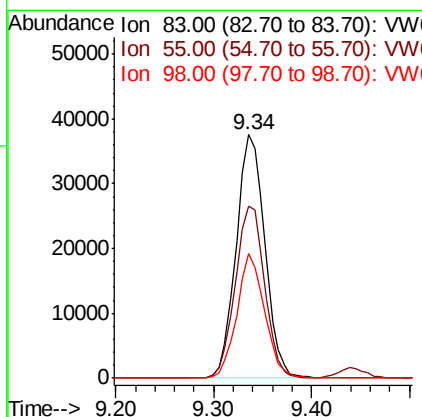
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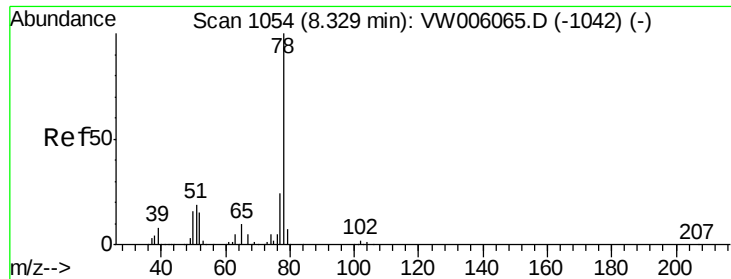
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#39
Methylcyclohexane
Concen: 25.152 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.7	55.0	82.6
98	51.4	38.6	57.8





#40

Benzene

Concen: 58.013 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion: 78 Resp: 365316

Ion Ratio Lower Upper

78 100

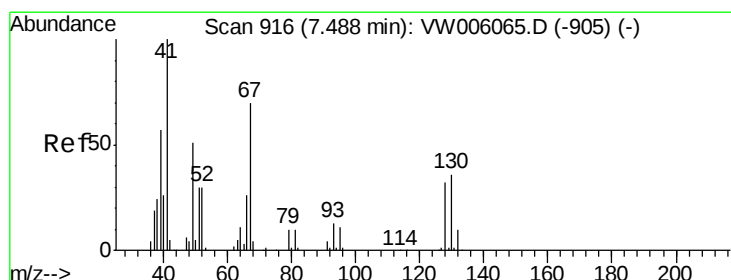
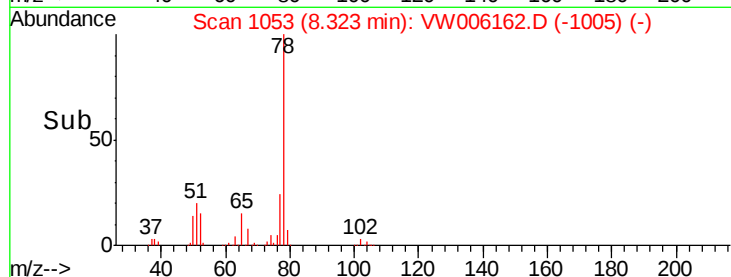
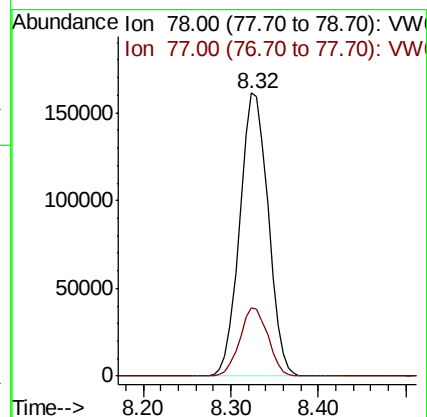
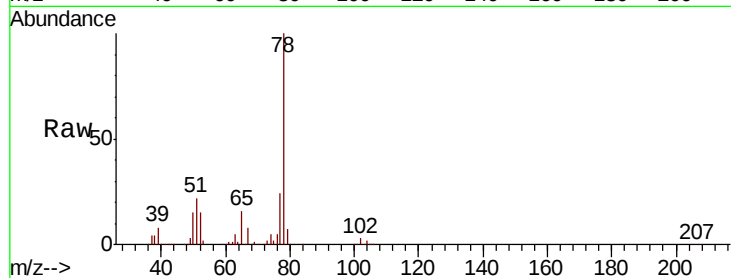
77 24.1 19.4 29.0

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#41

Methacrylonitrile

Concen: 35.674 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion: 41 Resp: 18343

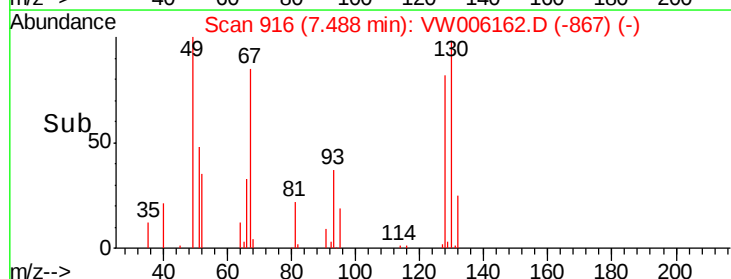
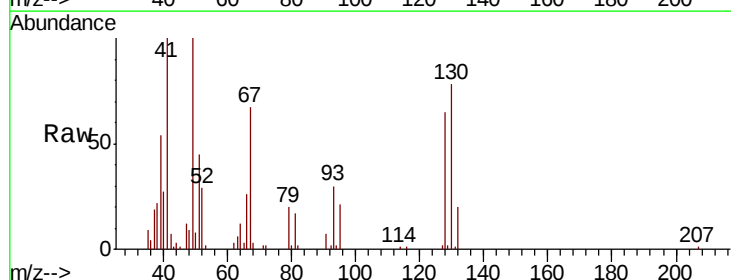
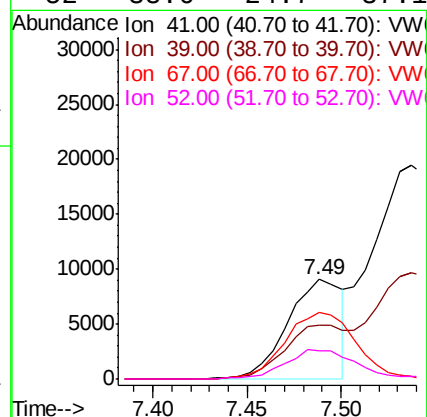
Ion Ratio Lower Upper

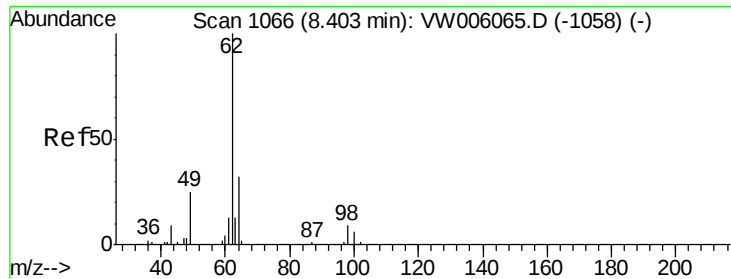
41 100

39 66.4 46.2 69.4

67 85.7 57.7 86.5

52 38.6 24.7 37.1#





#42

1,2-Dichloroethane

Concen: 65.176 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

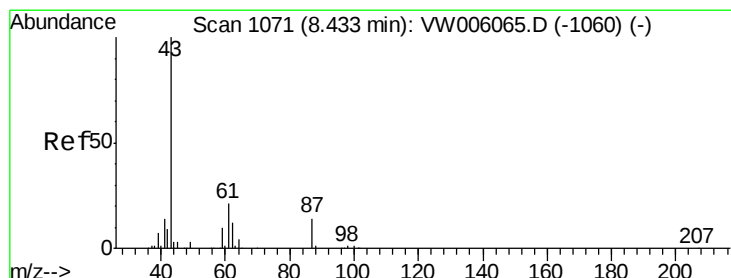
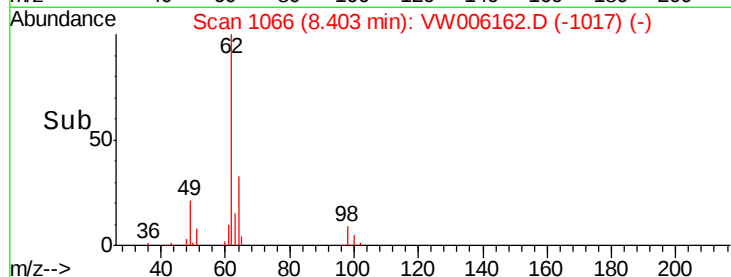
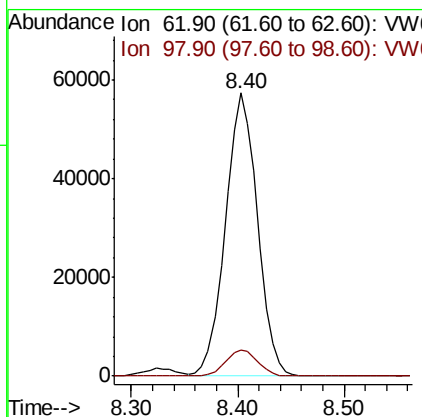
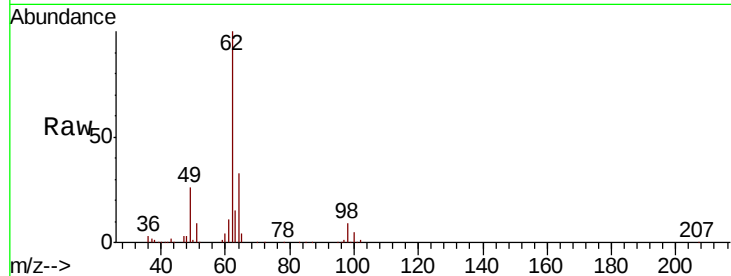
ClientSampleId :

RLF-SD-5MSD

Tot Ion	Ratio	Resp Lower	Upper
62	100		
98	9.3	0.0	18.4

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#43

Isopropyl Acetate

Concen: 8.393 ug/l

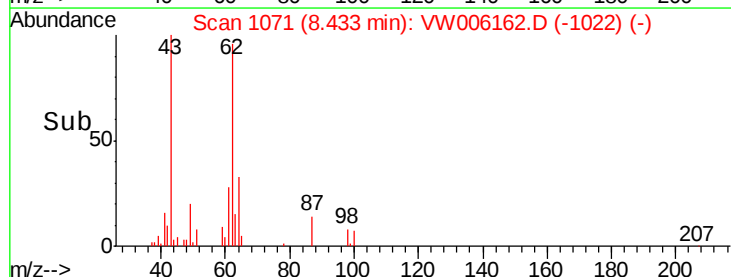
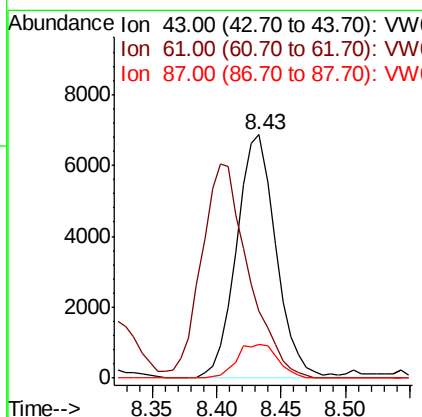
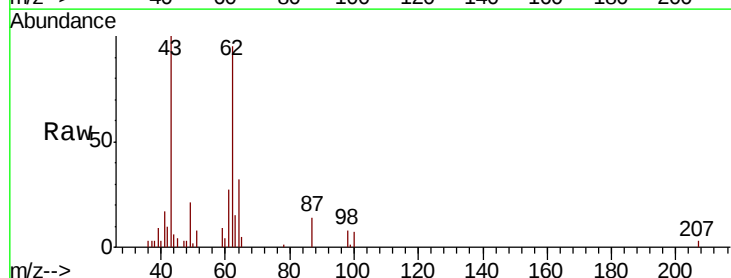
RT: 8.43 min Scan# 1071

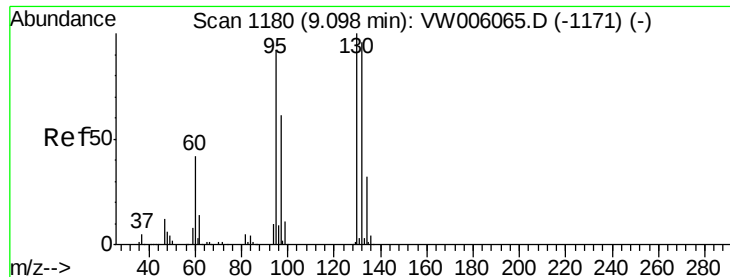
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
61	0.0	25.5	38.3#
87	14.4	11.7	17.5





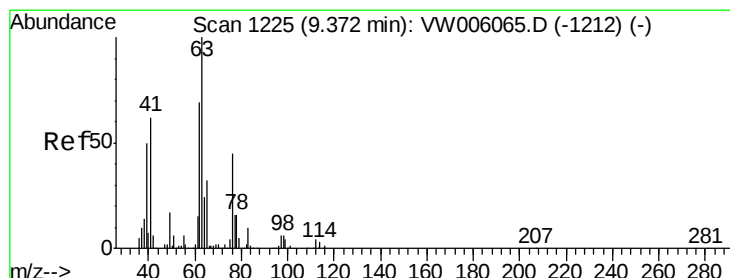
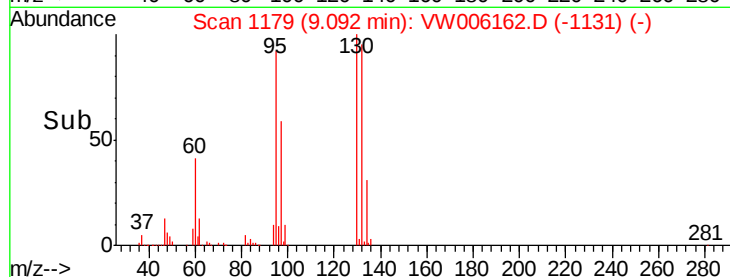
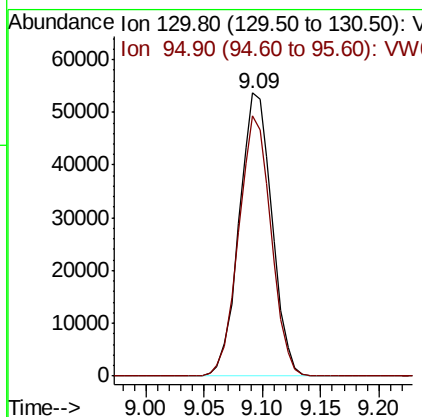
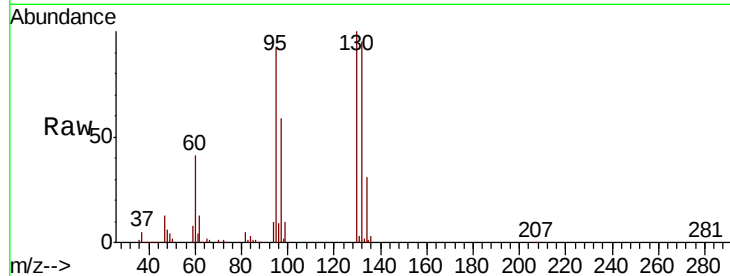
#44
 Trichloroethene
 Concen: 54.537 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MSD

Tot Ion:130 Resp: 105363
 Ion Ratio Lower Upper
 130 100
 95 91.9 0.0 183.2

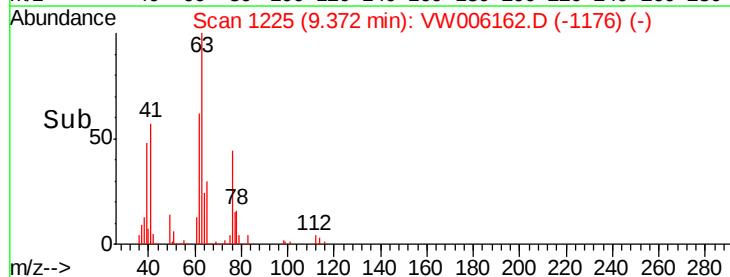
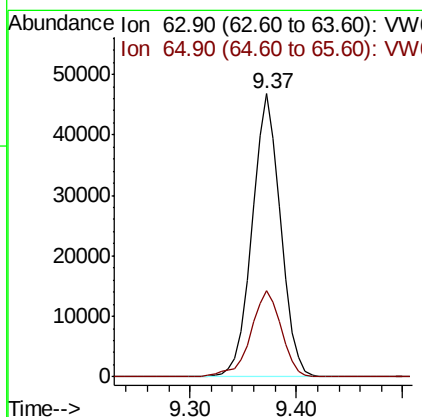
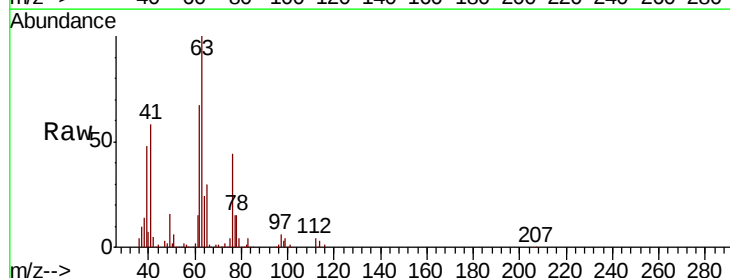
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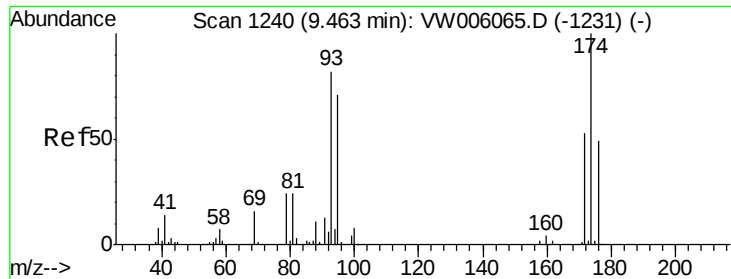
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#45
 1,2-Dichloropropane
 Concen: 58.139 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Tgt Ion: 63 Resp: 87608
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.4 38.0





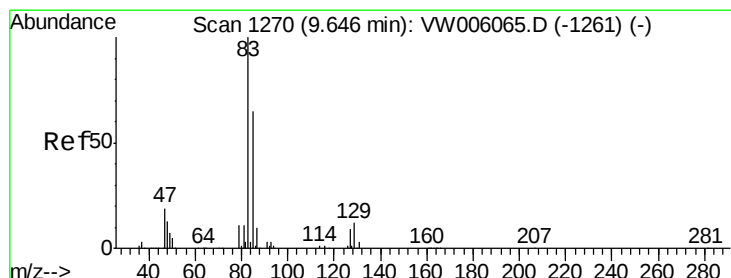
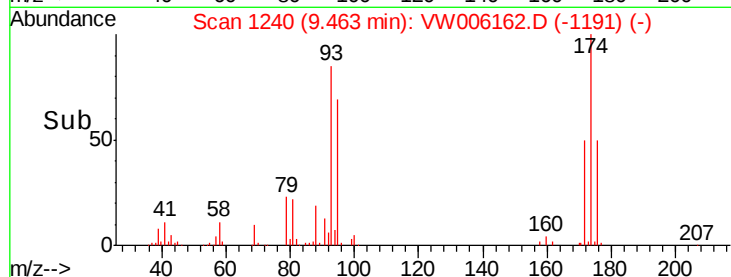
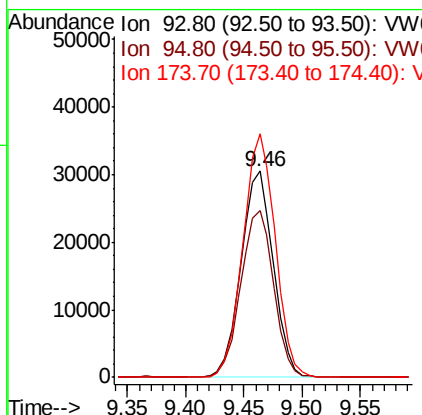
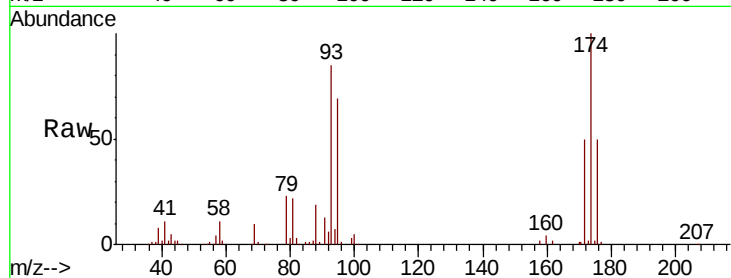
#46
Dibromomethane
Concen: 68.664 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.7	101.5
174	118.2	93.7	140.5

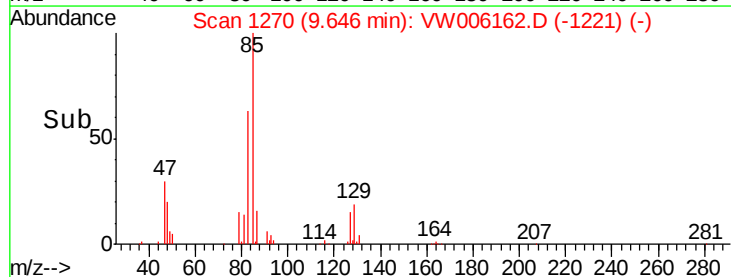
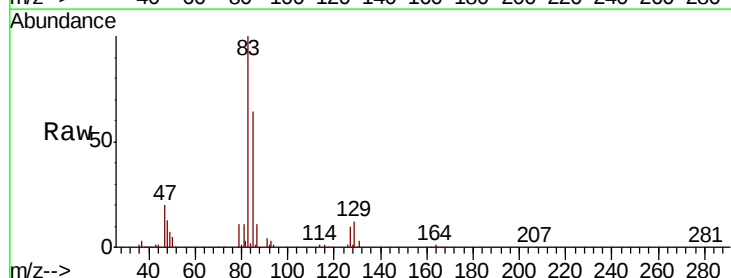
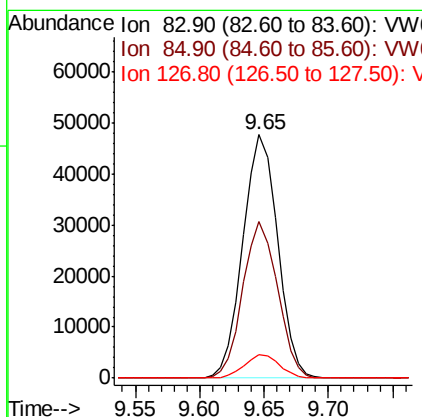
Manual Integrations
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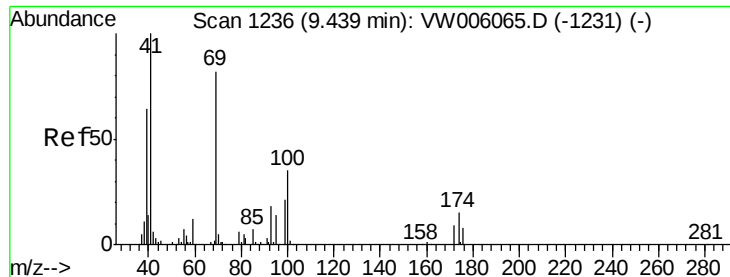
apatel
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#47
Bromodichloromethane
Concen: 42.854 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.8
127	9.6	6.9	10.3





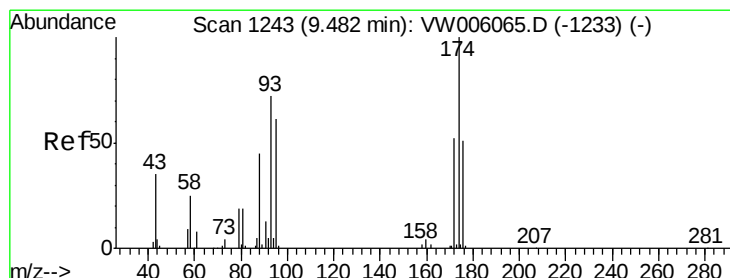
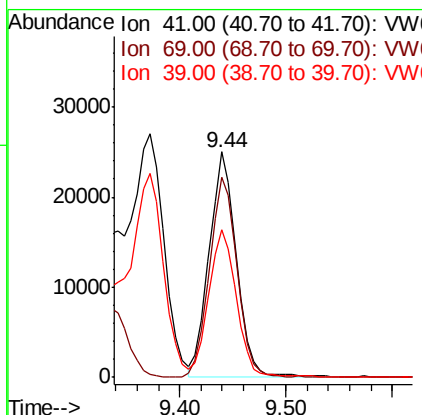
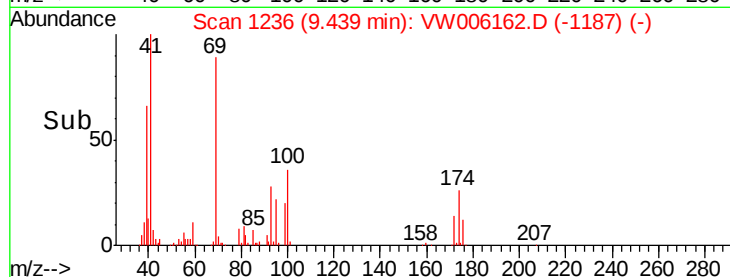
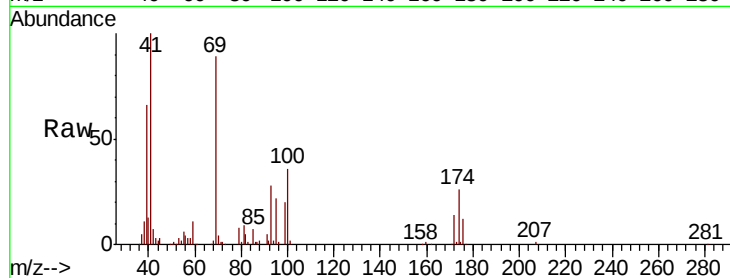
#48
Methvl methacrvlate
Concen: 53.498 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
41	100		
69	89.9	71.8	107.8
39	67.0	52.5	78.7

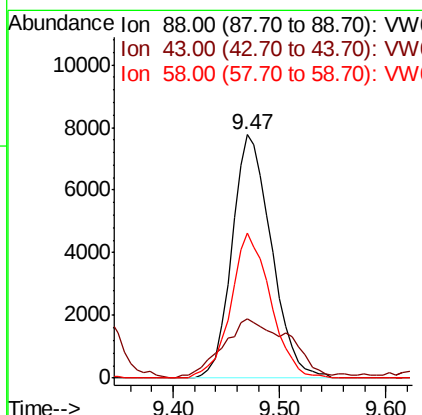
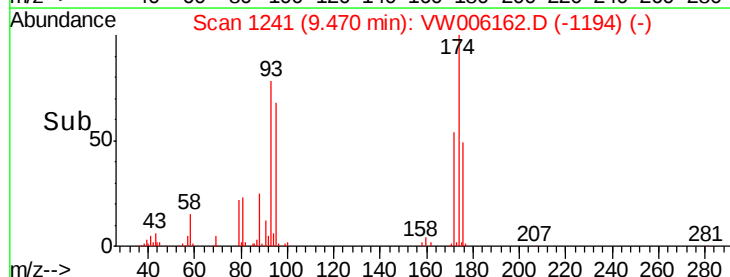
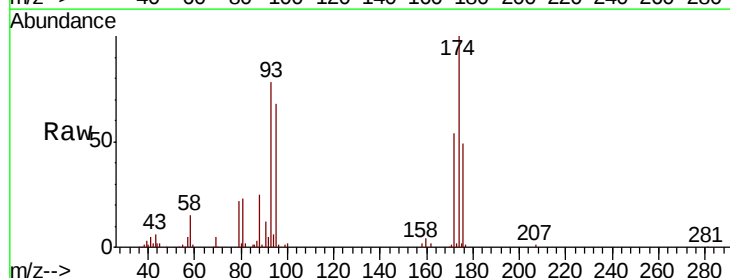
Manual Integrations
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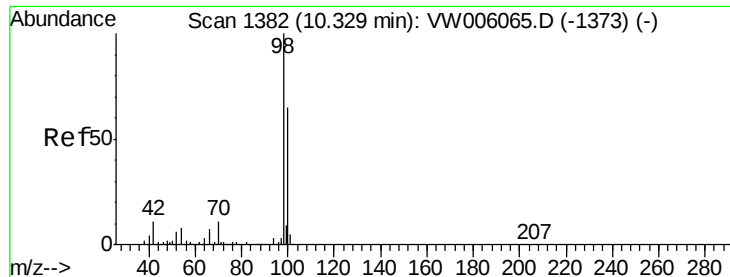
apatel
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#49
1,4-Dioxane
Concen: 1519.631 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
88	100		
43	41.5	0.0	0.0#
58	60.2	51.2	76.8





#50

Toluene-d8

Concen: 47.966 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion: 98 Resp: 268568

Ion Ratio Lower Upper

98 100

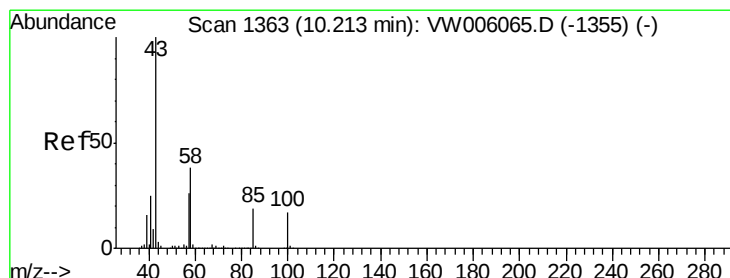
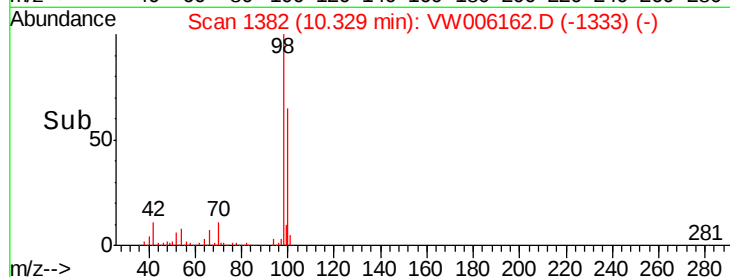
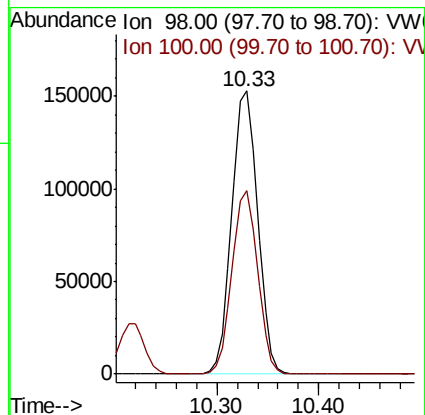
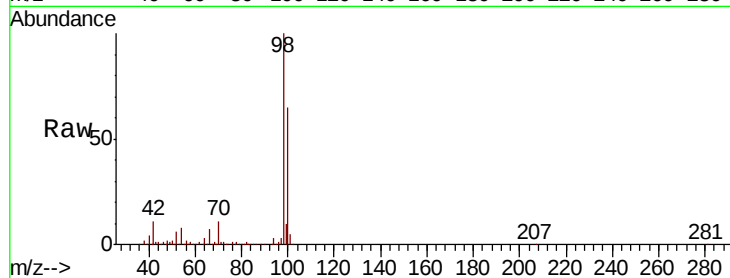
100 64.2 51.6 77.4

Manual Integrations

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#51

4-Methyl-2-Pentanone

Concen: 314.239 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006162.D

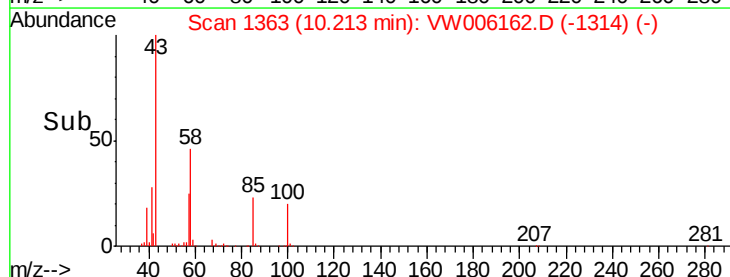
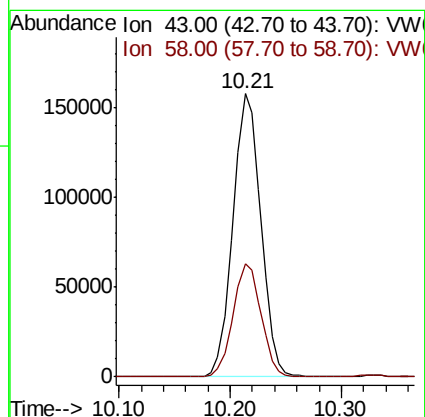
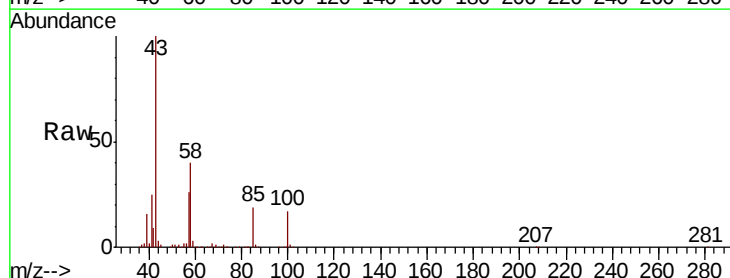
Acq: 18 Oct 2018 08:49

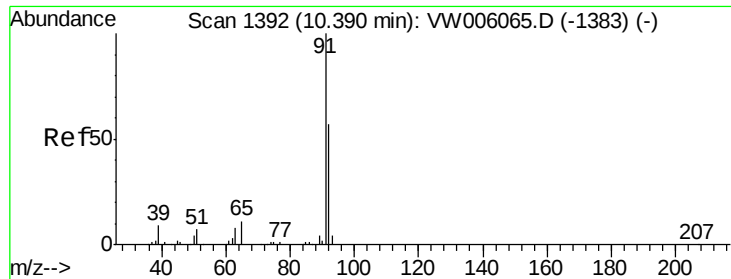
Tgt Ion: 43 Resp: 274574

Ion Ratio Lower Upper

43 100

58 40.0 31.5 47.3





#52

Toluene

Concen: 48.867 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion: 92 Resp: 206304

Ion Ratio Lower Upper

92 100

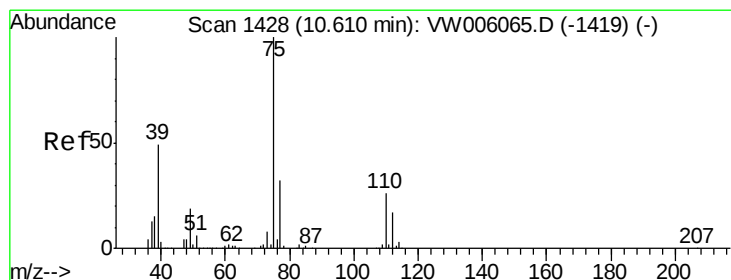
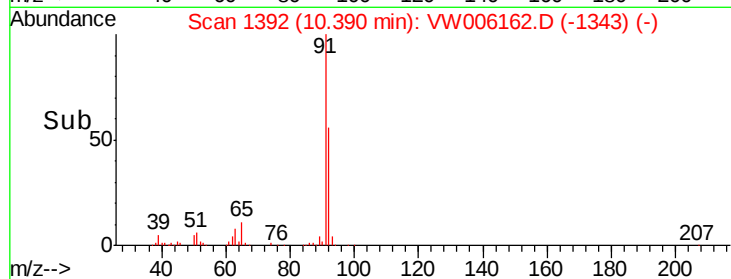
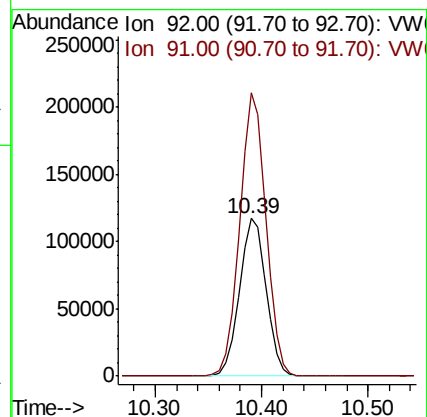
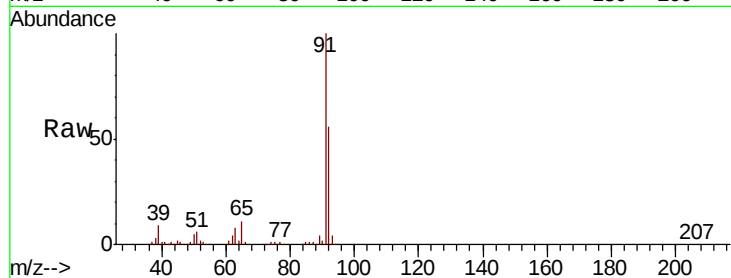
91 176.3 140.0 210.0

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#53

t-1,3-Dichloropropene

Concen: 36.200 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006162.D

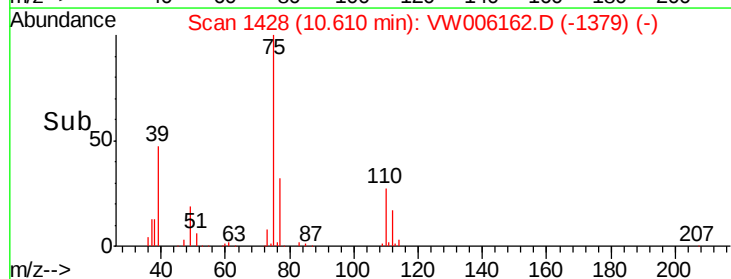
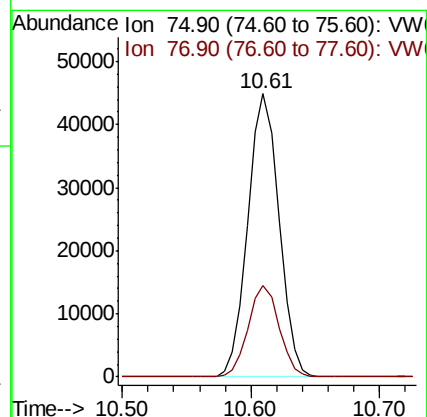
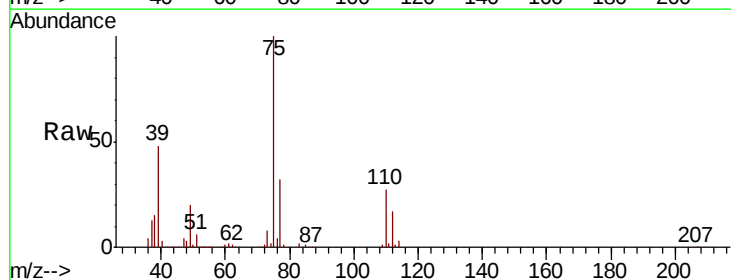
Acq: 18 Oct 2018 08:49

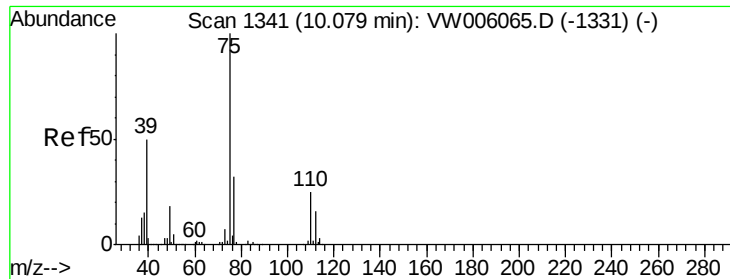
Tgt Ion: 75 Resp: 75100

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2





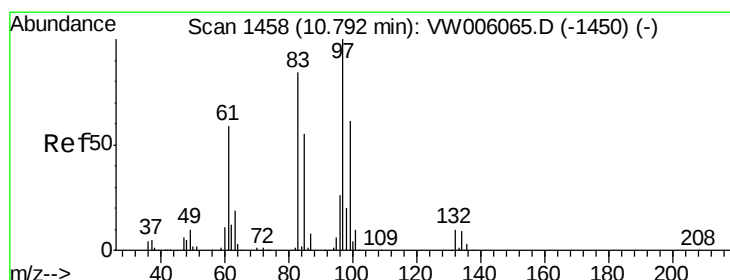
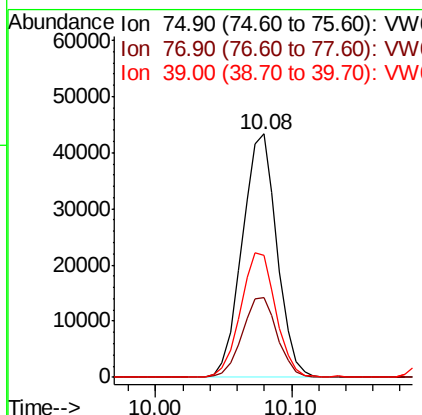
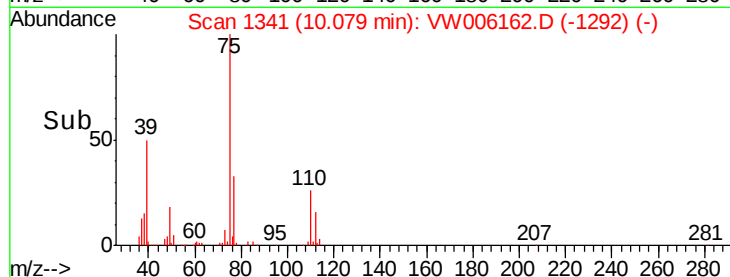
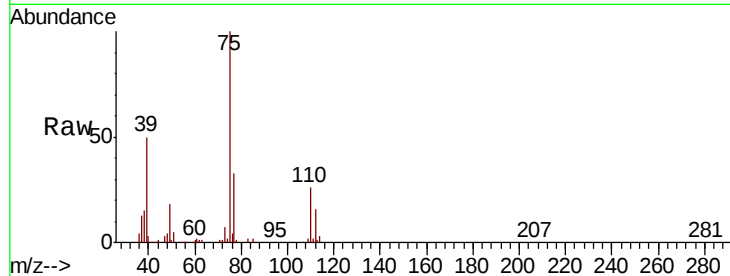
#54
 cis-1,3-Dichloropropene
 Concen: 32.483 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Instrument :
 MSVOA_W
 ClientSampled :
 RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.2	37.8
39	50.2	39.9	59.9

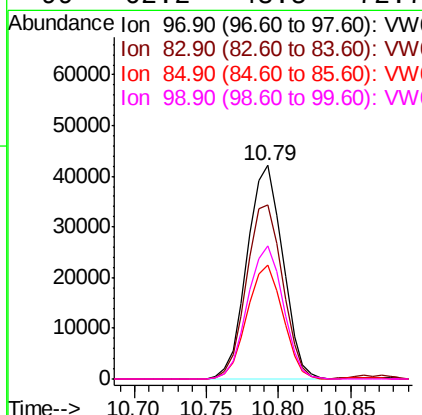
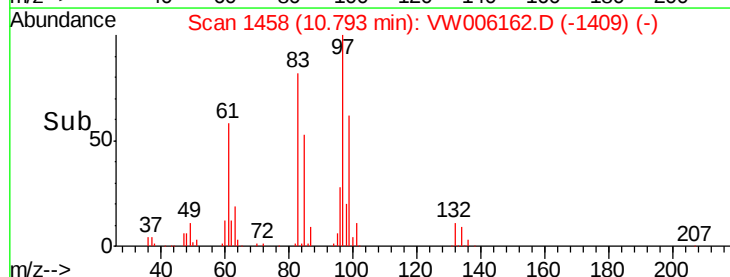
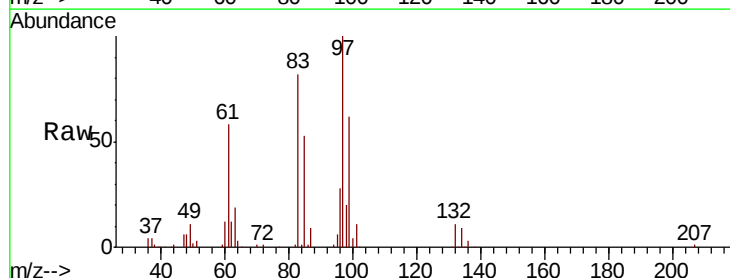
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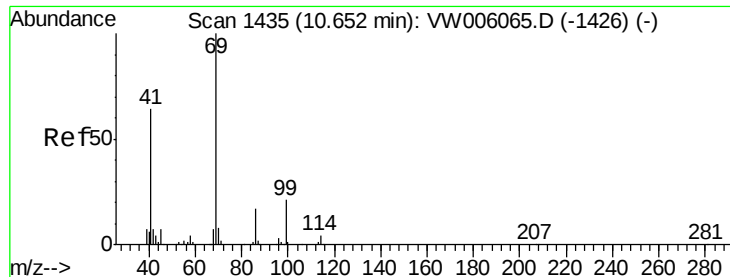
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#55
 1,1,2-Trichloroethane
 Concen: 60.207 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.2	100.8
85	53.3	43.7	65.5
99	62.2	48.5	72.7





#56

Ethyl methacrylate

Concen: 2.657 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.01 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

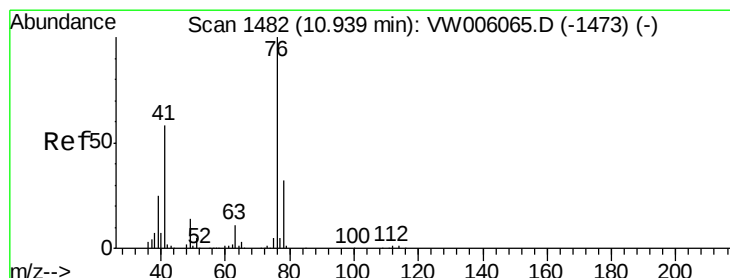
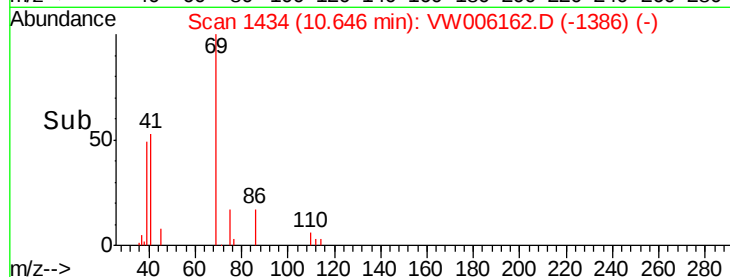
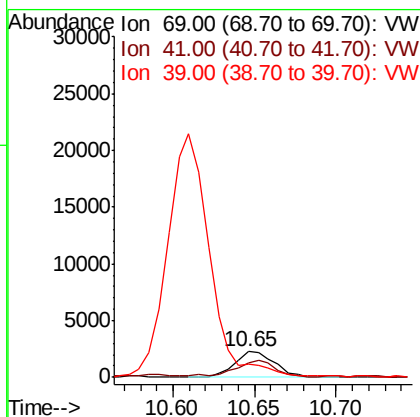
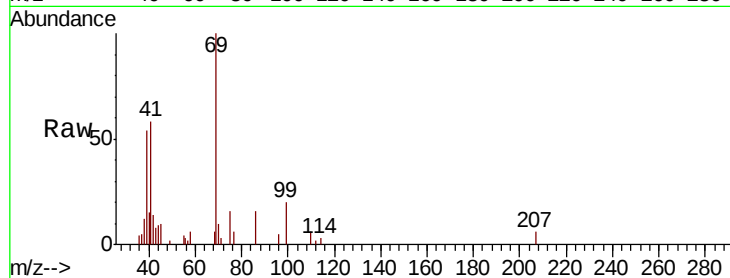
ClientSampleId :

RLF-SD-5MSD

Tot Ion:	69	Resp:	3915
Ion Ratio	Lower	Upper	
69	100		
41	56.0	52.8	79.2
39	0.0	30.6	45.8#

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#57

1,3-Dichloropropane

Concen: 60.324 ug/l

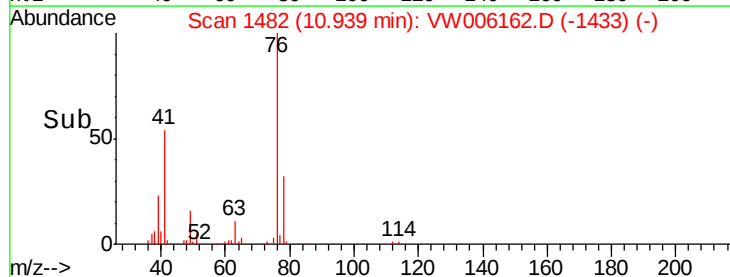
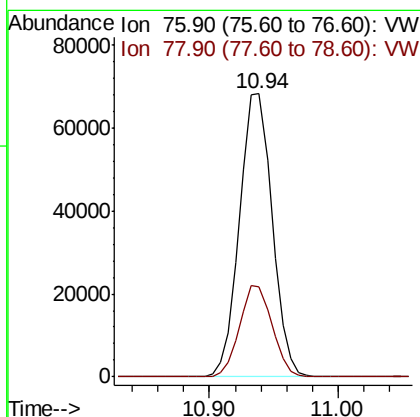
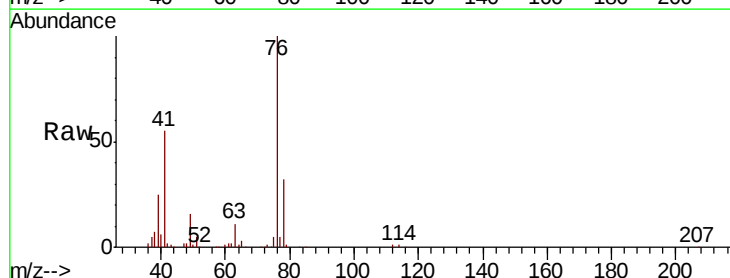
RT: 10.94 min Scan# 1482

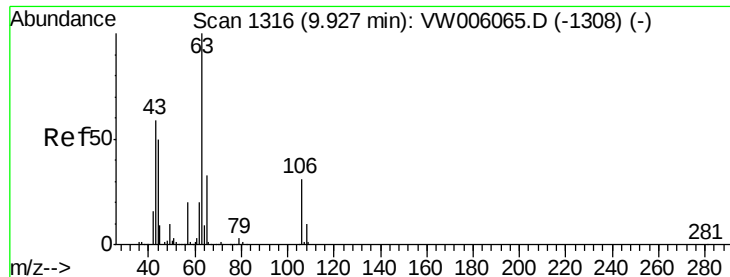
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion:	76	Resp:	120017
Ion Ratio	Lower	Upper	
76	100		
78	32.2	25.9	38.9





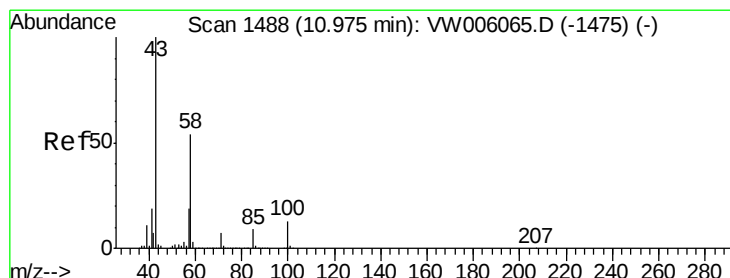
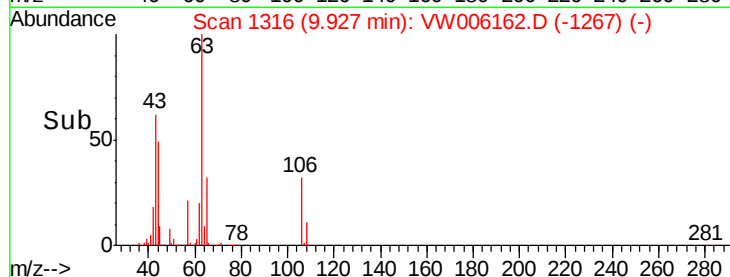
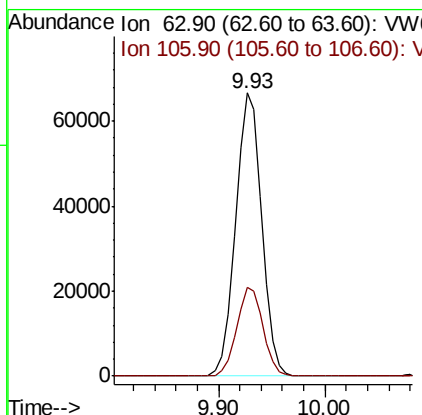
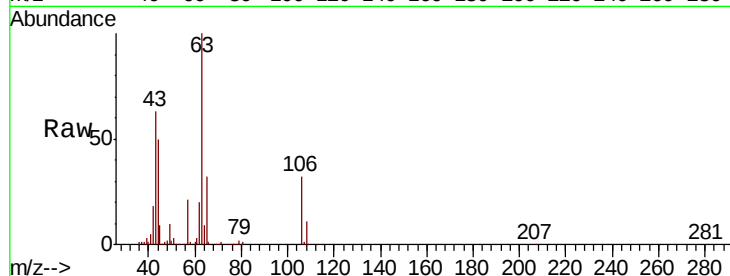
#58
2-Chloroethyl Vinyl ether
Concen: 203.243 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion: 63 Resp: 114425
Ion Ratio Lower Upper
63 100
106 31.5 24.5 36.7

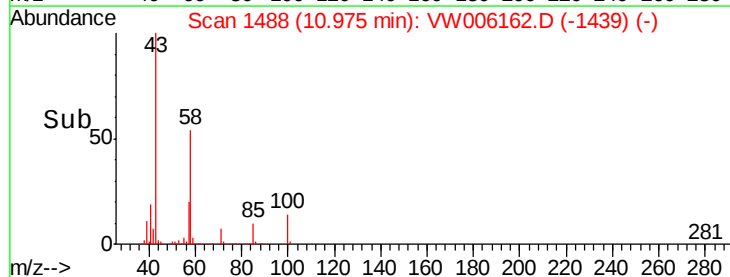
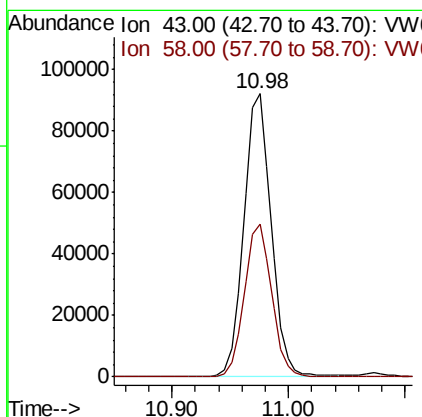
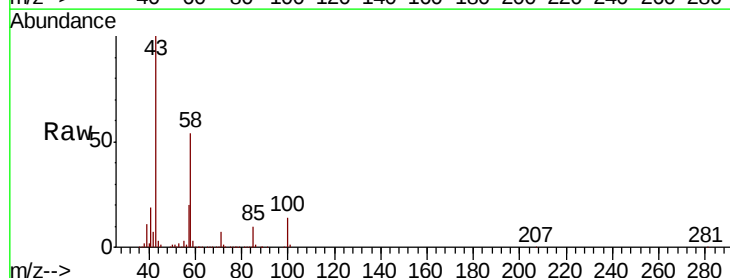
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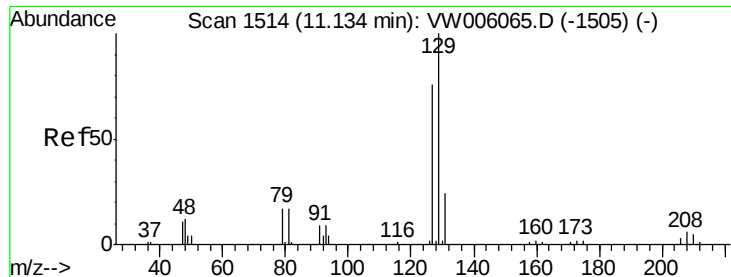
apatel
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#59
2-Hexanone
Concen: 242.938 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion: 43 Resp: 151528
Ion Ratio Lower Upper
43 100
58 54.2 26.9 80.6





#60

Dibromochloromethane

Concen: 38.998 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion:129 Resp: 58382

Ion Ratio Lower Upper

129 100

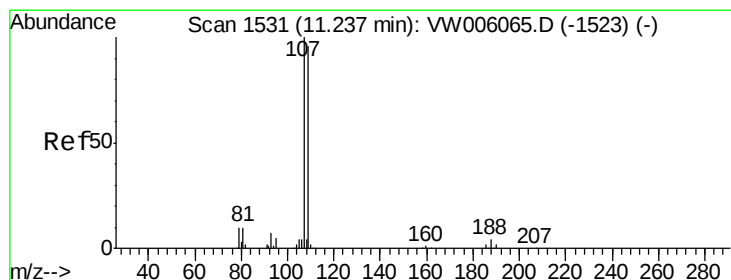
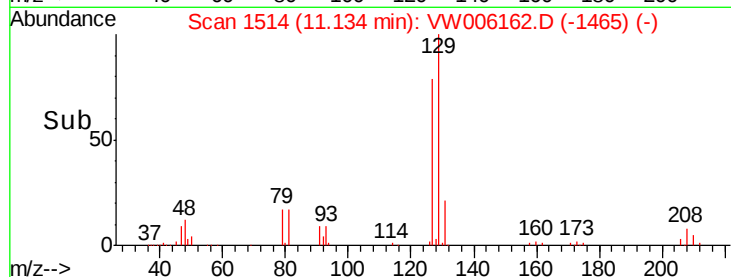
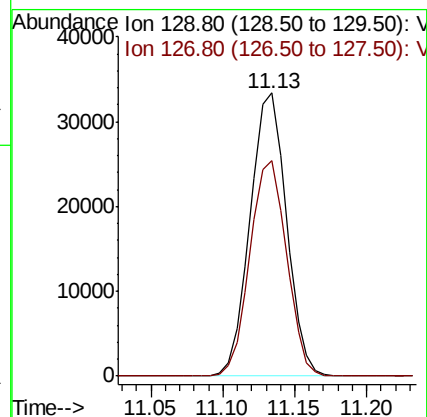
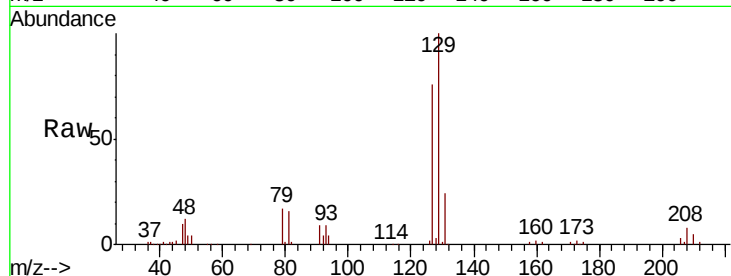
127 76.8 38.6 115.7

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#61

1,2-Dibromoethane

Concen: 53.428 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006162.D

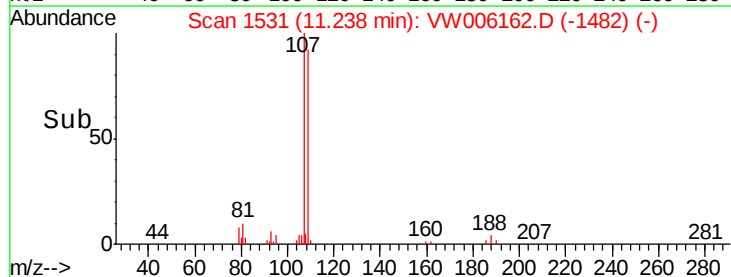
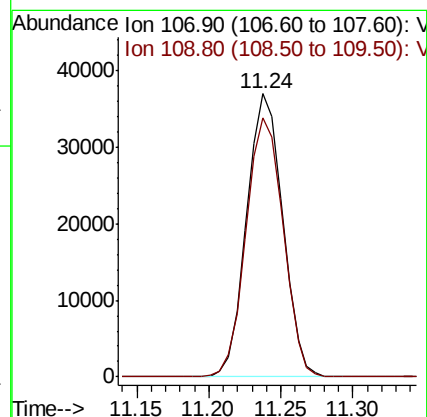
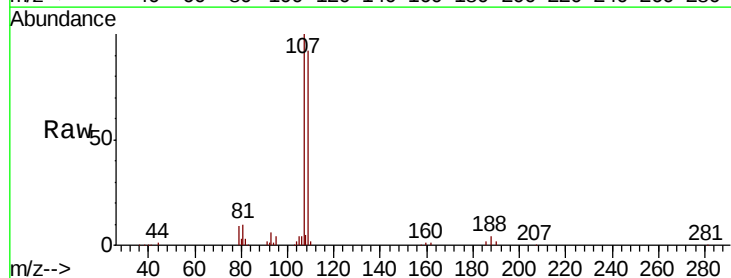
Acq: 18 Oct 2018 08:49

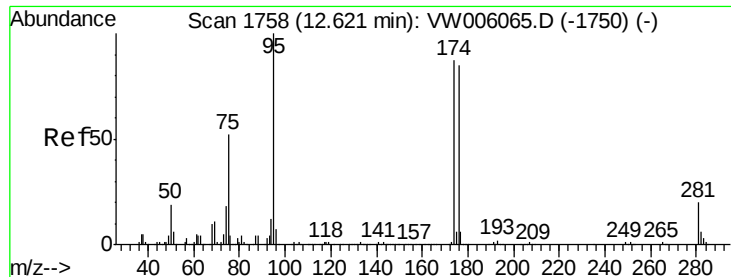
Tgt Ion:107 Resp: 64160

Ion Ratio Lower Upper

107 100

109 94.2 76.3 114.5





#62

4-Bromofluorobenzene

Concen: 32.249 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

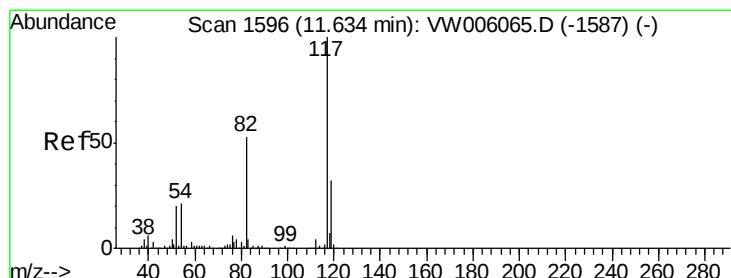
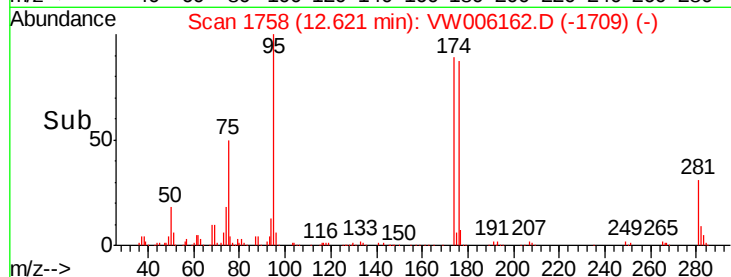
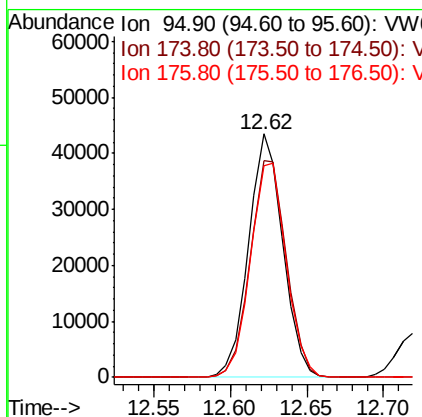
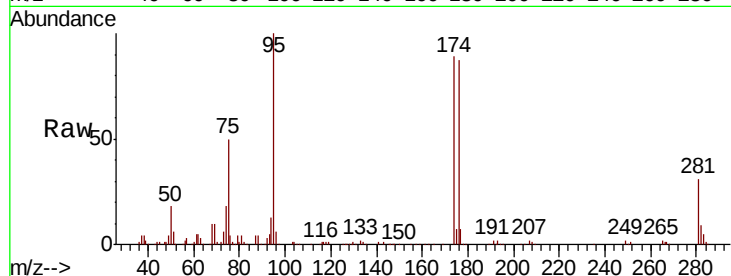
ClientSampleId :

RLF-SD-5MSD

Tot Ion:	95	Resp:	67818
Ion Ratio	Lower	Upper	
95	100		
174	93.9	0.0	186.0
176	91.5	0.0	181.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

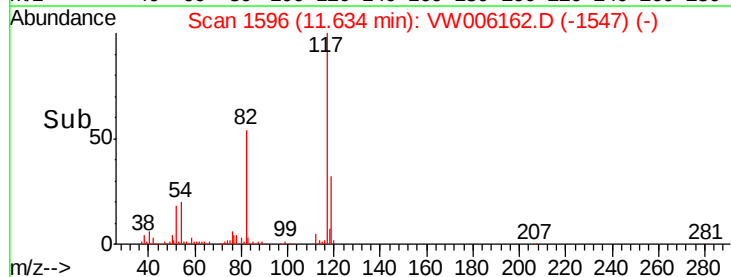
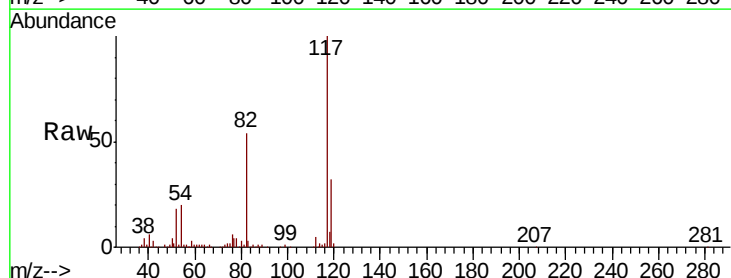
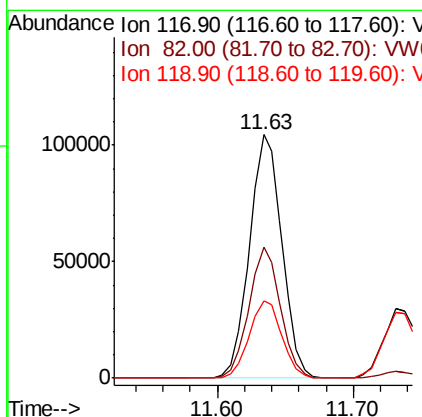
RT: 11.63 min Scan# 1596

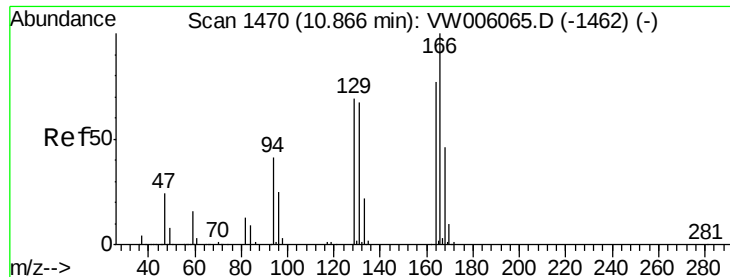
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion:	117	Resp:	174604
Ion Ratio	Lower	Upper	
117	100		
82	53.7	42.1	63.1
119	31.9	25.8	38.6





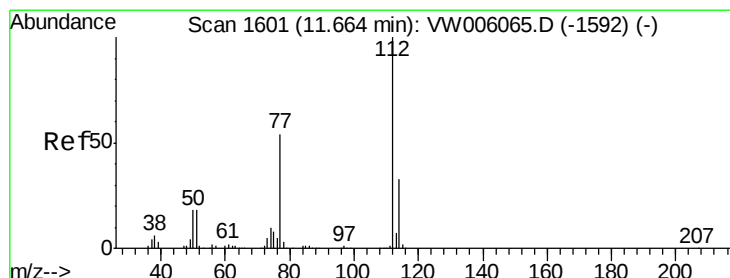
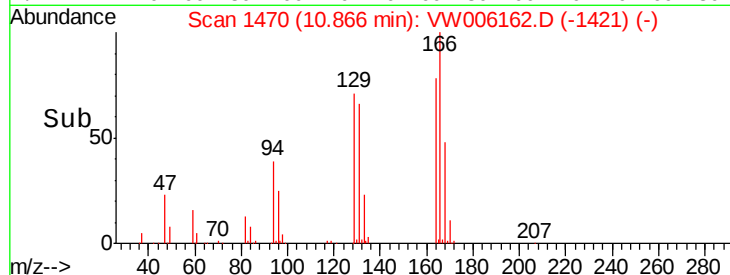
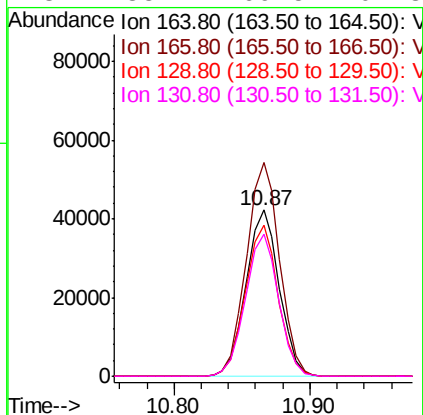
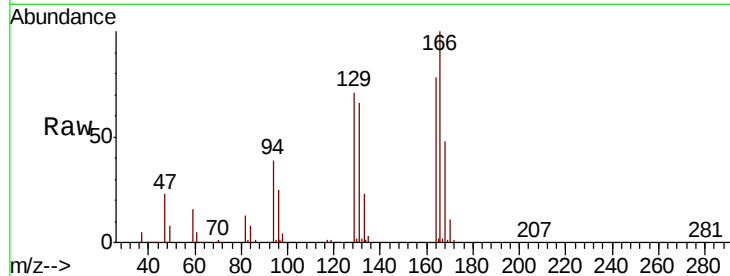
#64
Tetrachloroethene
Concen: 53.290 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.5	103.4	155.0
129	90.9	71.8	107.8
131	85.4	69.5	104.3

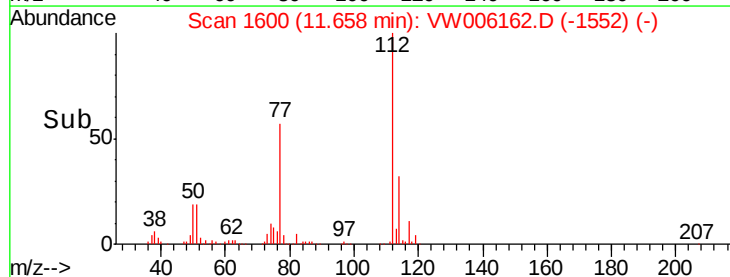
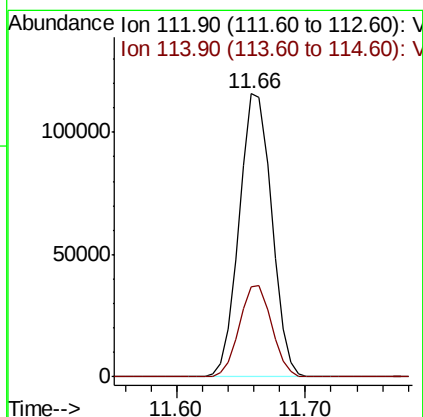
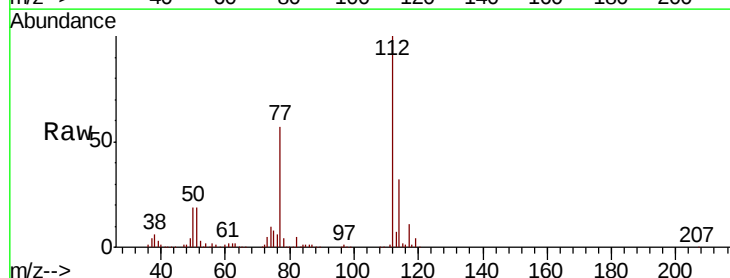
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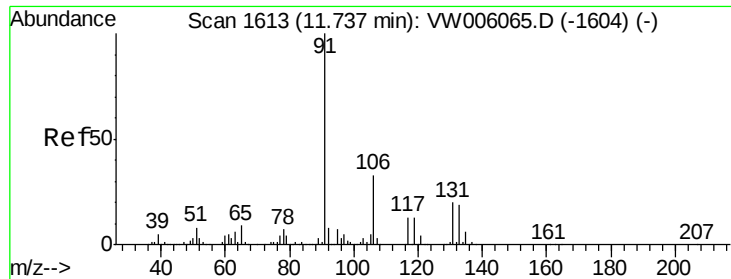
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#65
Chlorobenzene
Concen: 54.165 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.2





#66

1,1,1,2-Tetrachloroethane

Concen: 57.727 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

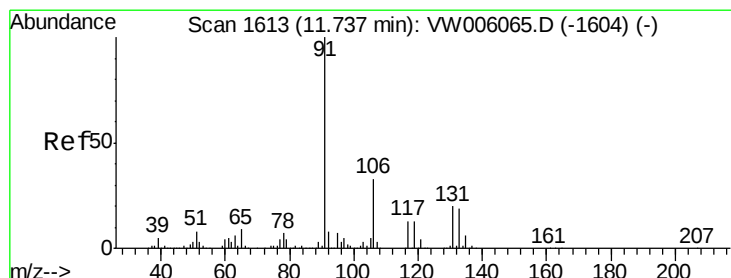
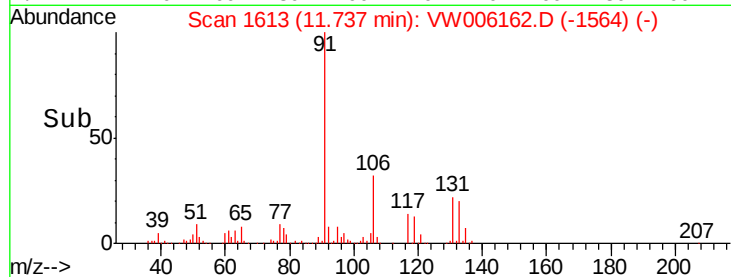
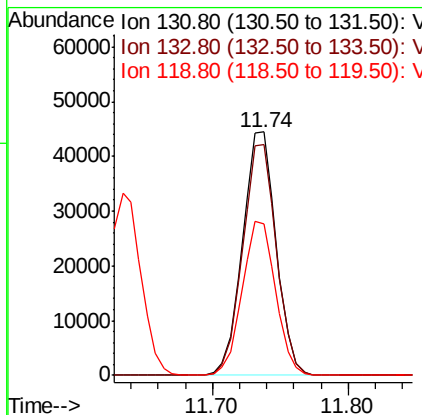
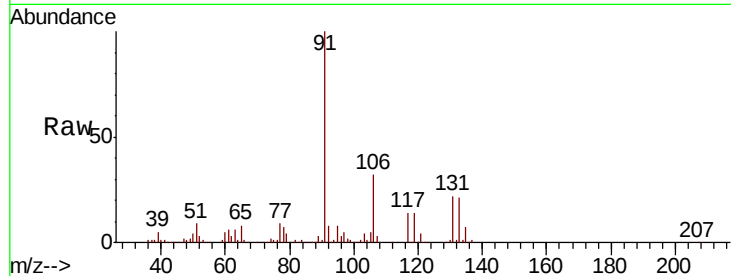
ClientSampleId :

RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.1	144.3
119	63.0	31.6	94.7

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#67

Ethyl Benzene

Concen: 51.481 ug/l

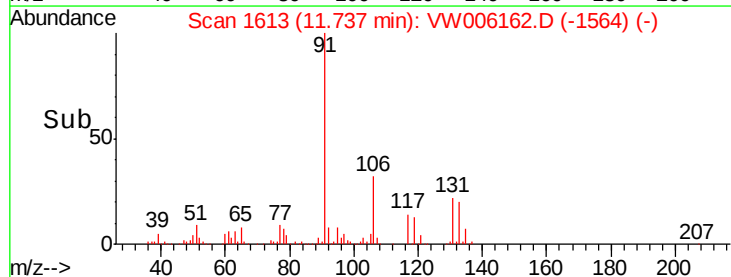
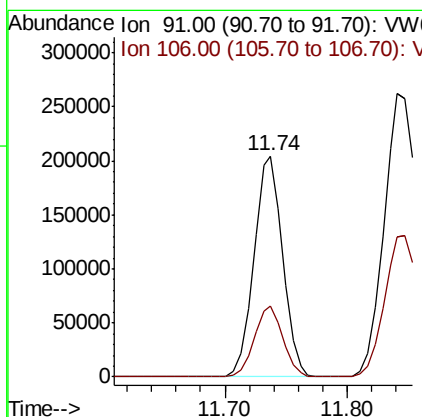
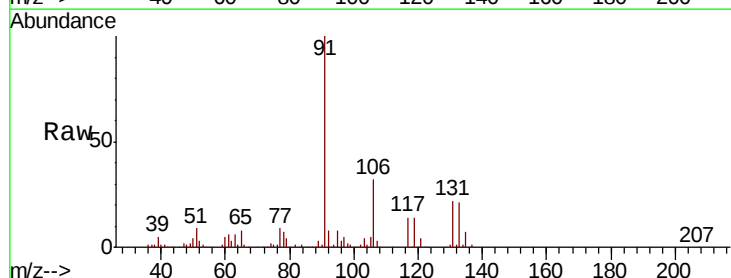
RT: 11.74 min Scan# 1613

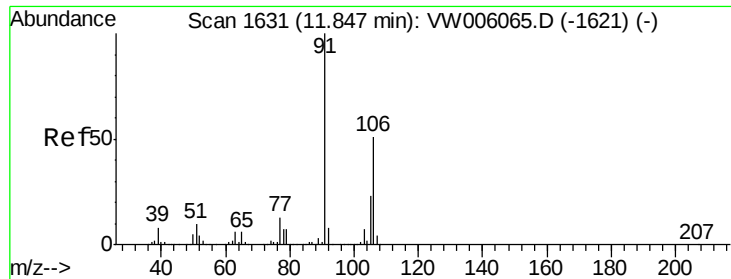
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	26.1	39.1





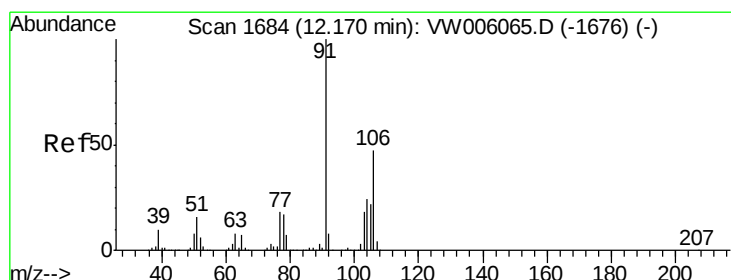
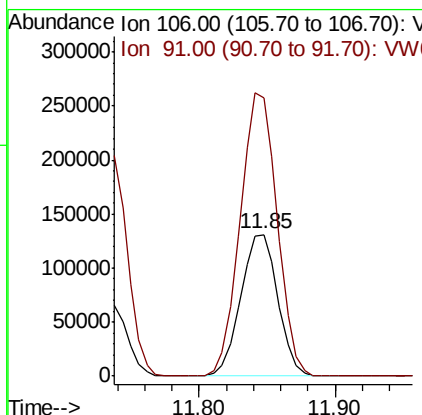
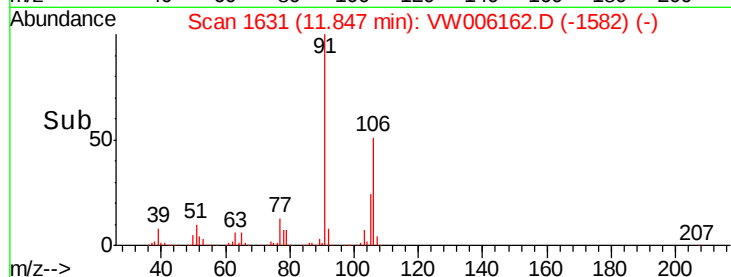
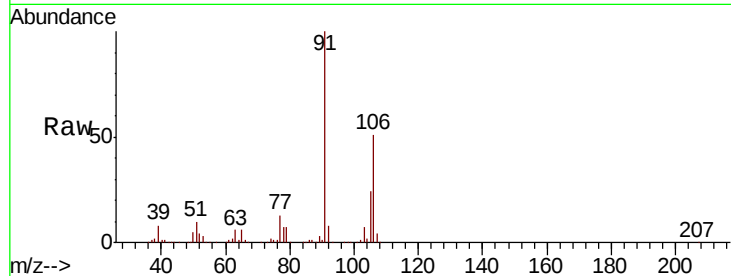
#68
m/p-Xylenes
Concen: 97.342 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion:106 Resp: 249227
Ion Ratio Lower Upper
106 100
91 199.9 159.1 238.7

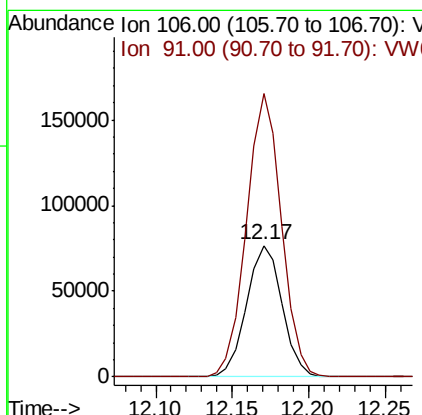
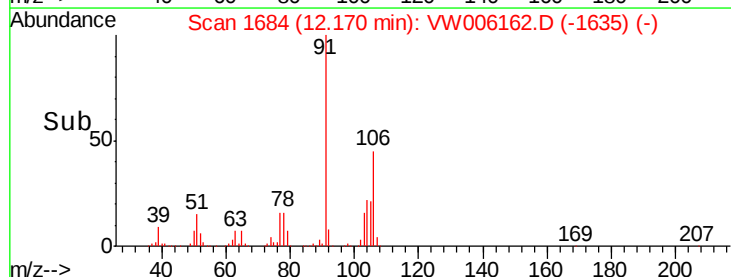
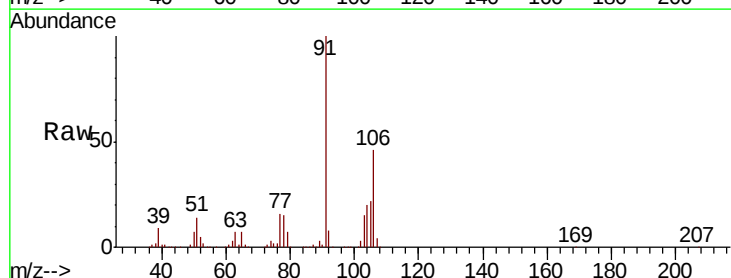
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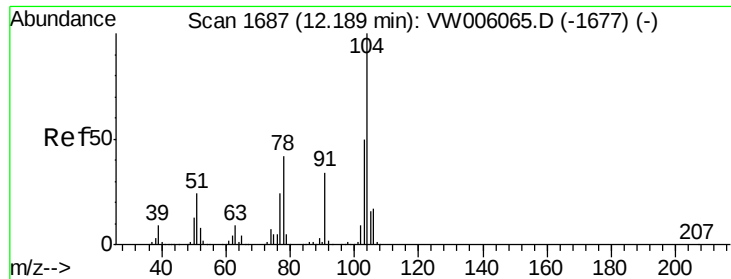
apatel
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#69
o-Xylene
Concen: 50.772 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion:106 Resp: 123887
Ion Ratio Lower Upper
106 100
91 211.7 105.4 316.1





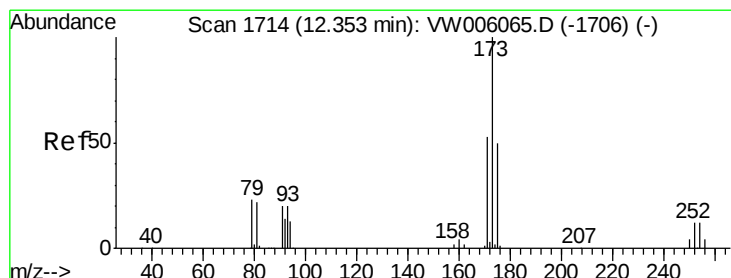
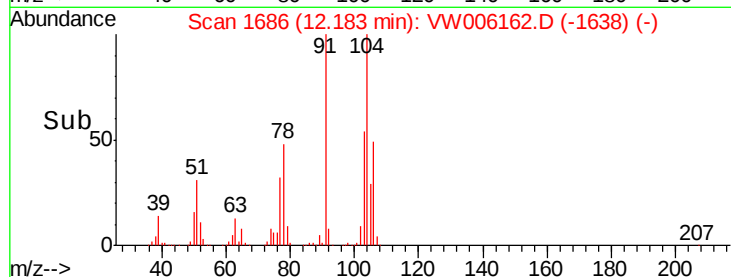
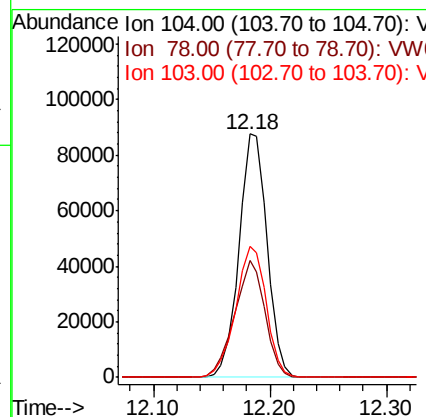
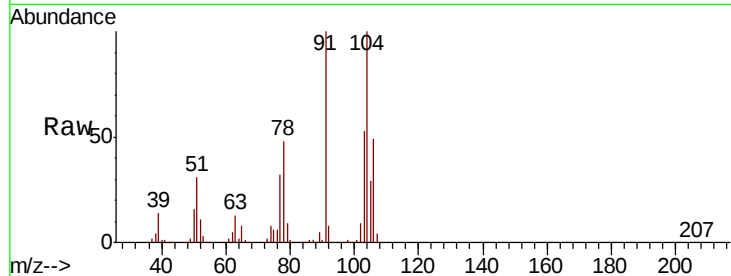
#70
Stvrene
Concen: 37.117 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.6	39.1	58.7
103	58.3	44.3	66.5

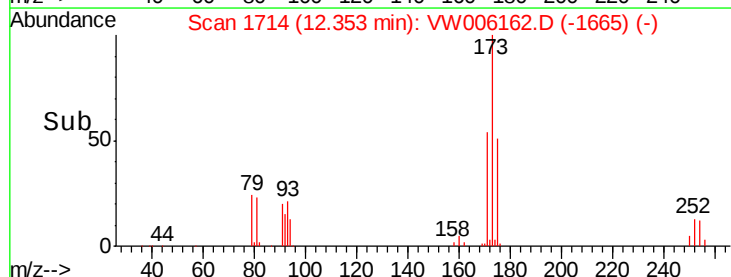
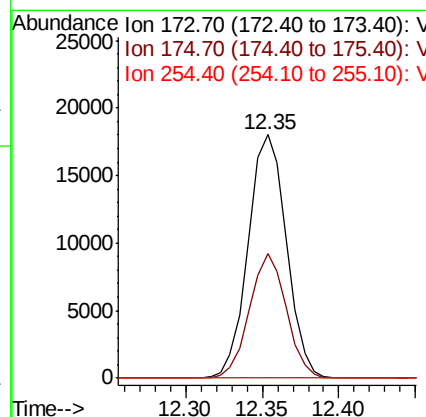
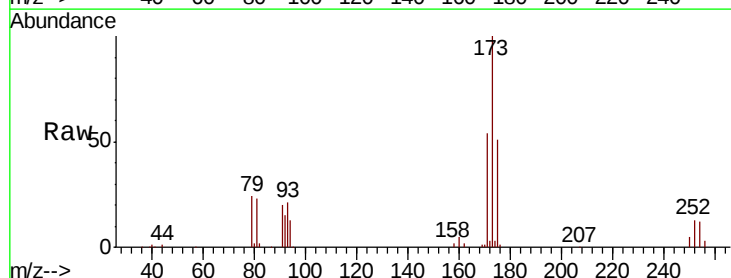
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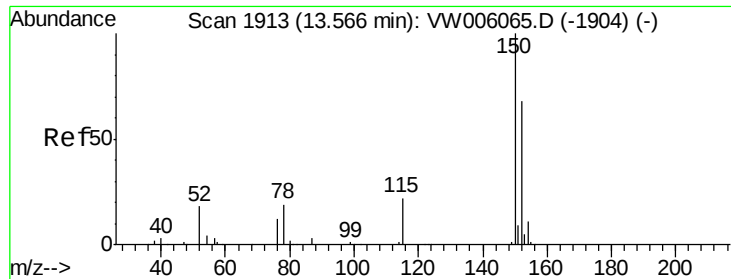
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#71
Bromoform
Concen: 42.168 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.2	72.6
254	0.0	0.1	0.1#





#72

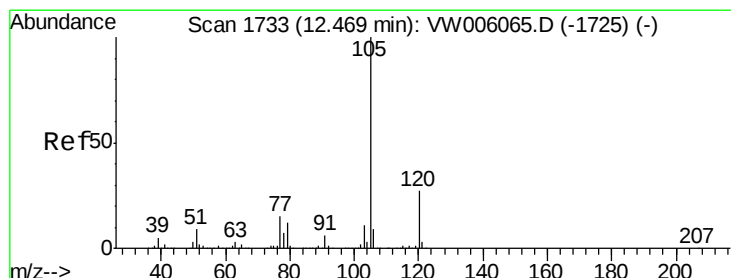
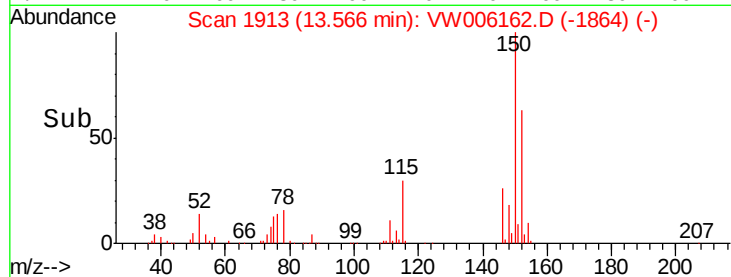
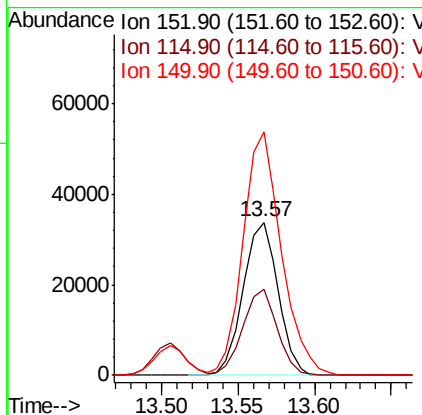
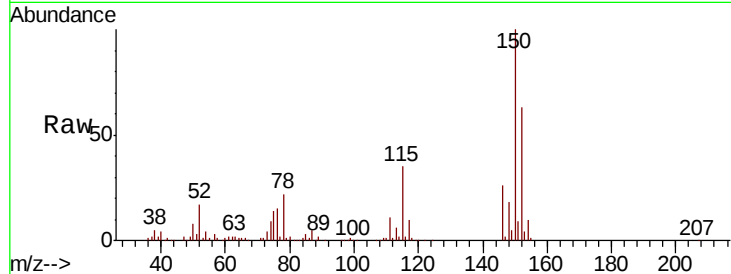
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.8	83.3
150	173.8	0.0	349.2

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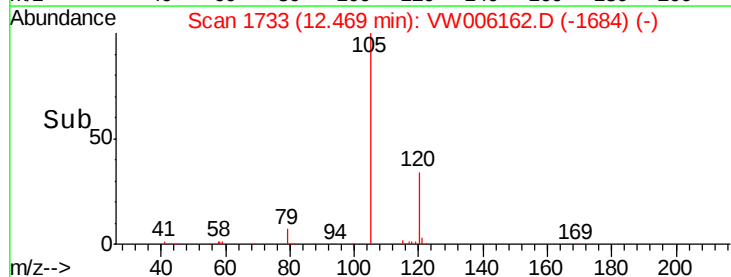
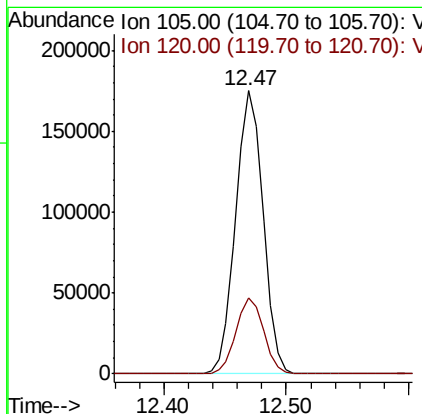
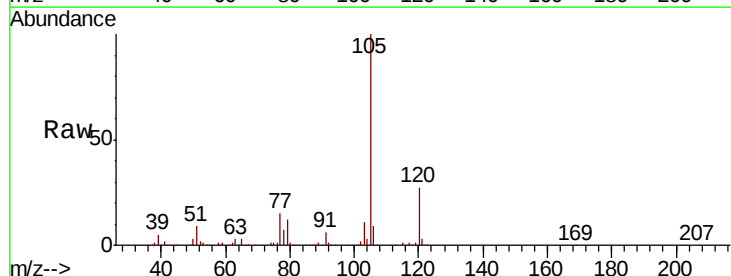
apatel
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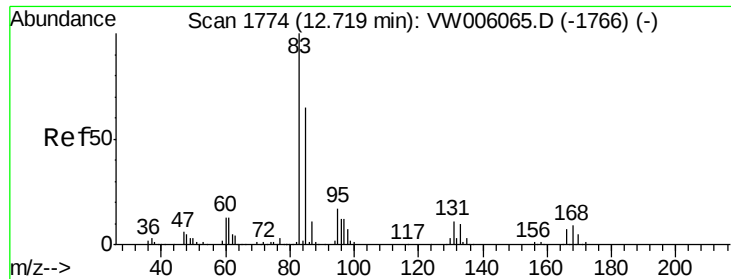


#73

Isopropylbenzene
Concen: 71.611 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.7





#75

1,1,2,2-Tetrachloroethane

Concen: 122.923 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

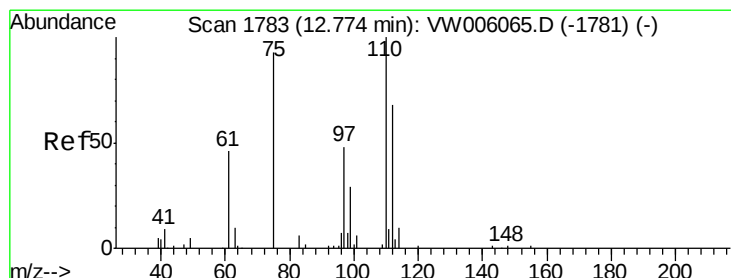
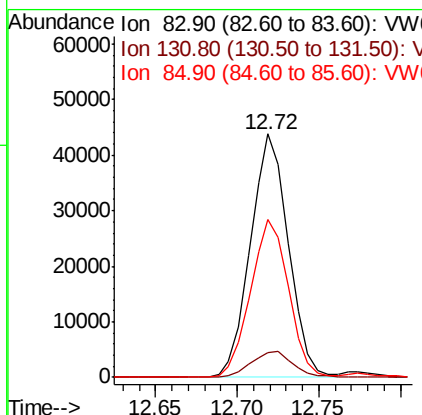
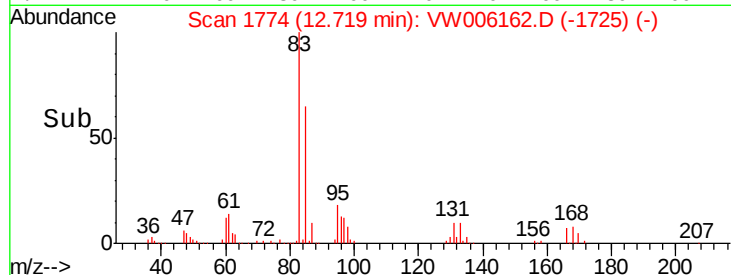
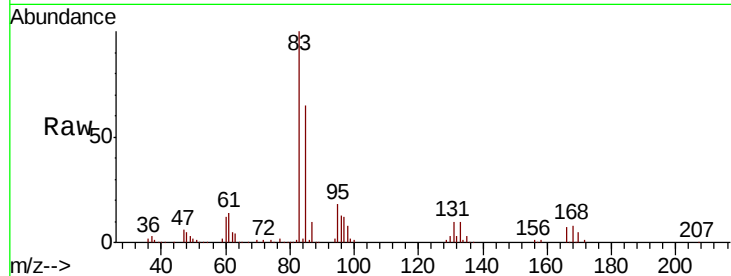
ClientSampleId :

RLF-SD-5MSD

Tot Ion:	83	Resp:	71036
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.7
85	65.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 120.247 ug/l m

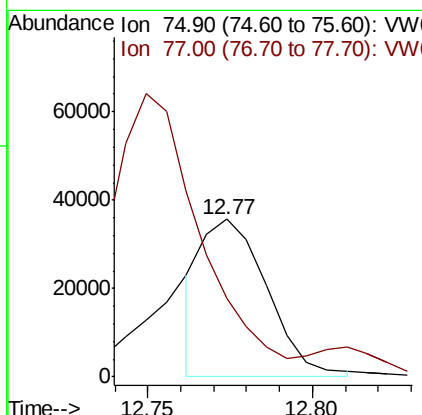
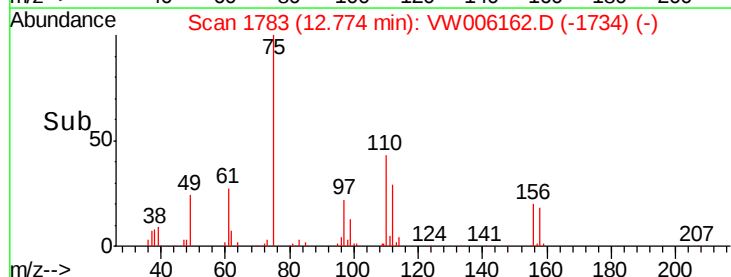
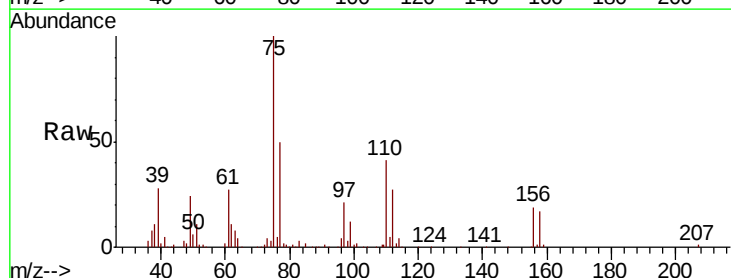
RT: 12.77 min Scan# 1783

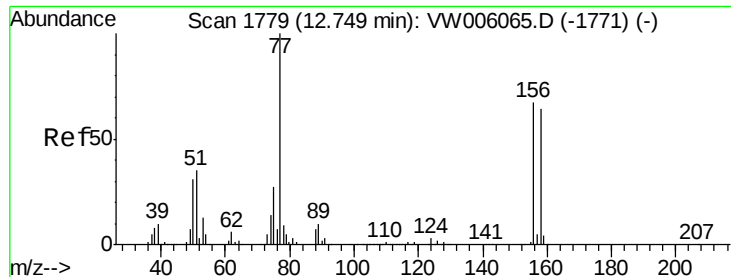
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion:	75	Resp:	49396
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 82.299 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

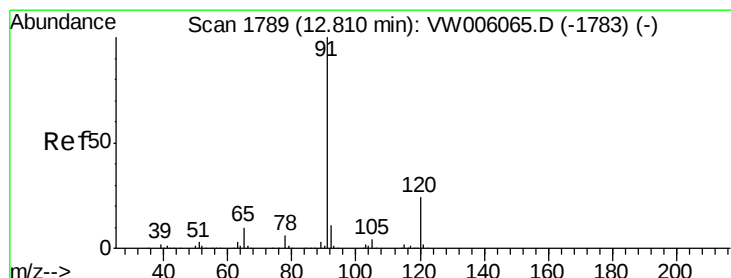
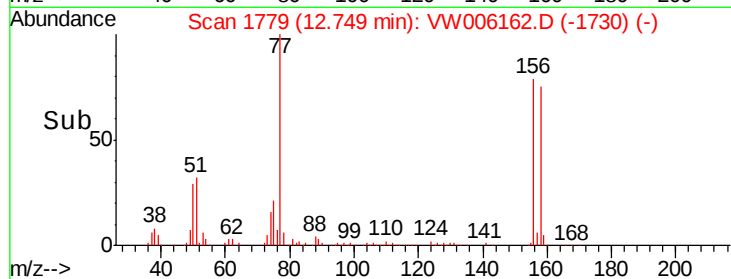
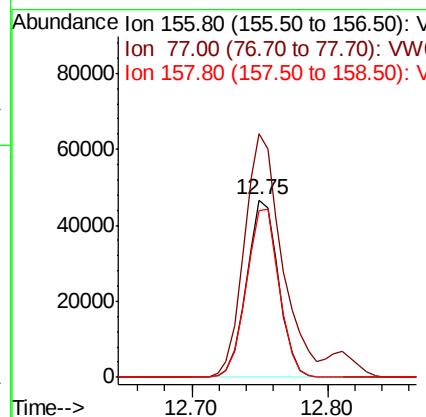
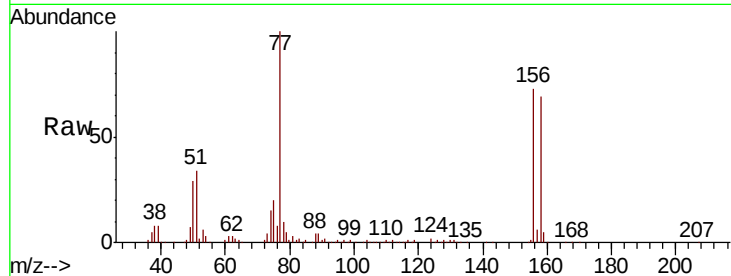
ClientSampleId :

RLF-SD-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	160.9		79.1	237.4	
158	97.3		48.5	145.6	

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#78

n-propylbenzene

Concen: 58.175 ug/l

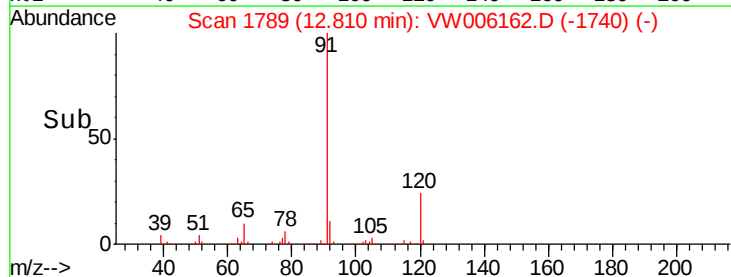
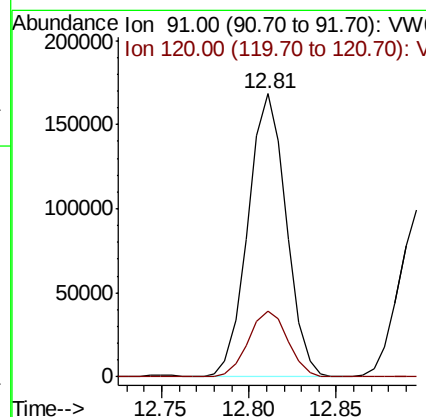
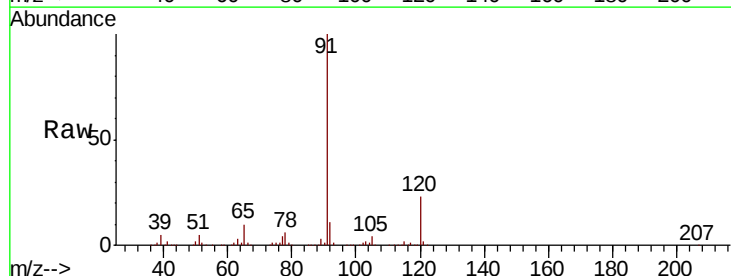
RT: 12.81 min Scan# 1789

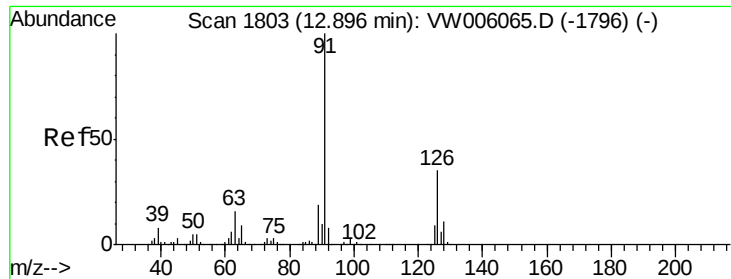
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	24.0		12.2	36.6	





#79

2-Chlorotoluene

Concen: 64.482 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion: 91 Resp: 160153

Ion Ratio Lower Upper

91 100

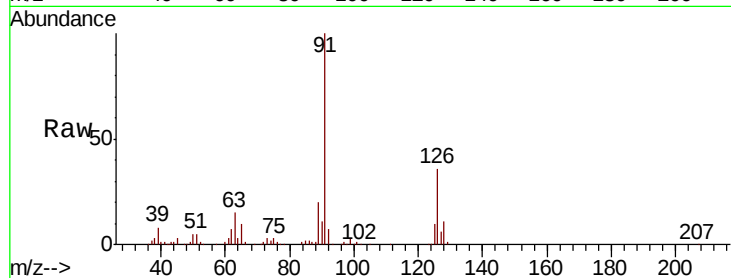
126 36.5 17.9 53.8

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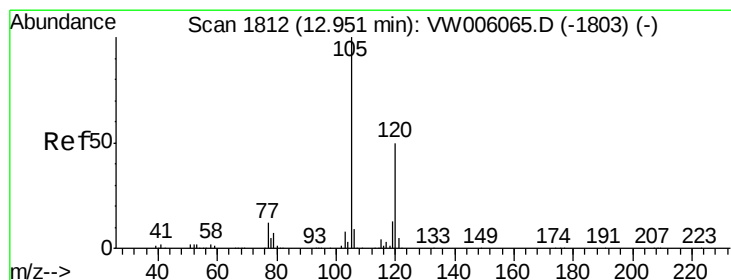
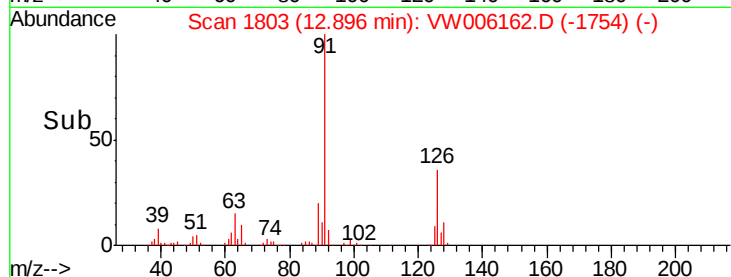
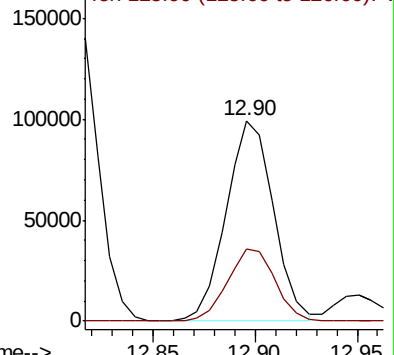
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 59.551 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006162.D

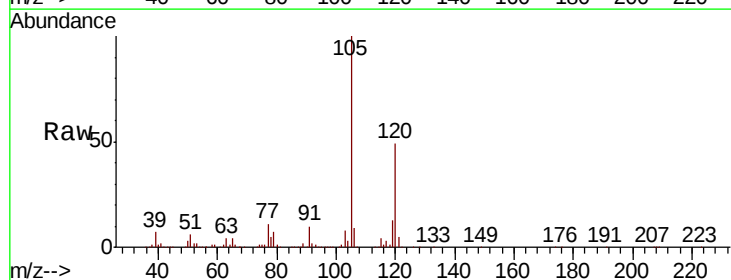
Acq: 18 Oct 2018 08:49

Tgt Ion:105 Resp: 190746

Ion Ratio Lower Upper

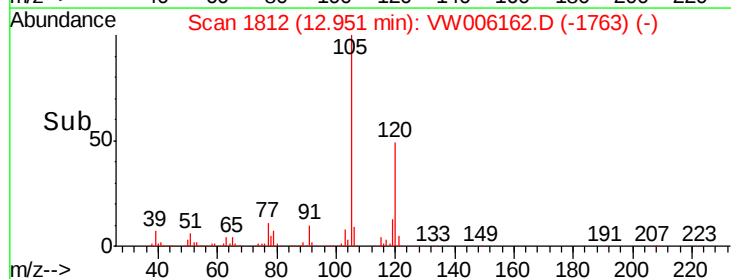
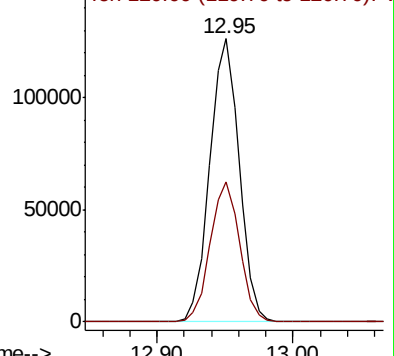
105 100

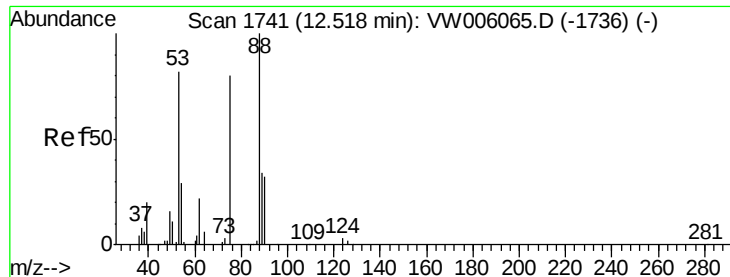
120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





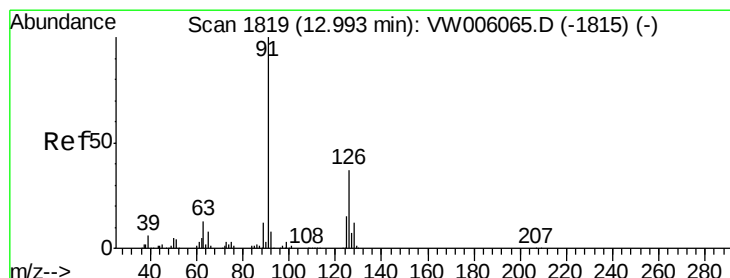
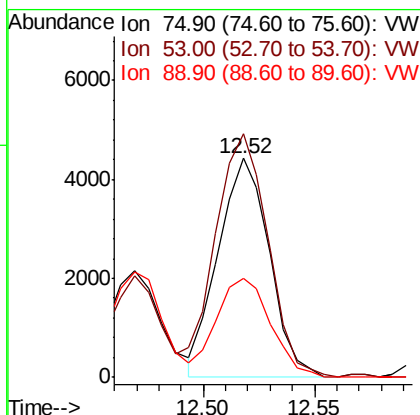
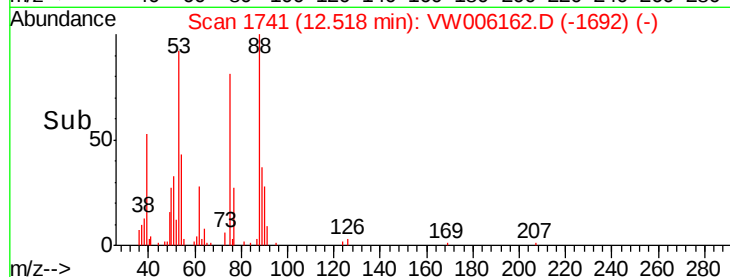
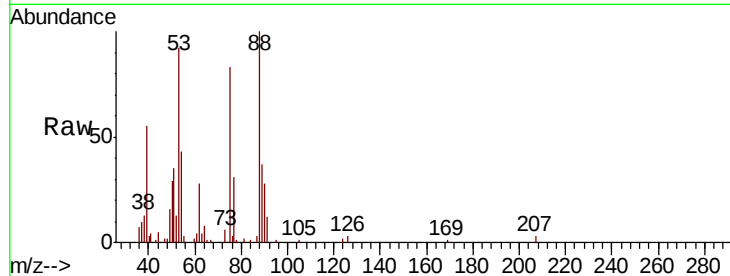
#81
trans-1,4-Dichloro-2-butene
Concen: 41.152 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.3	79.8	119.6
89	48.0	37.5	56.3

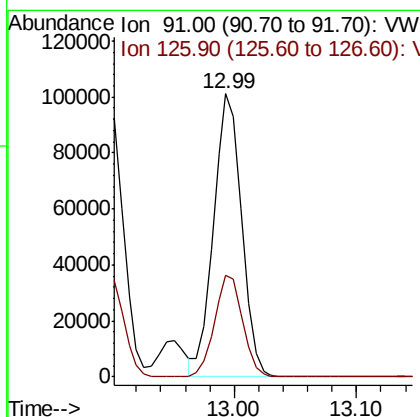
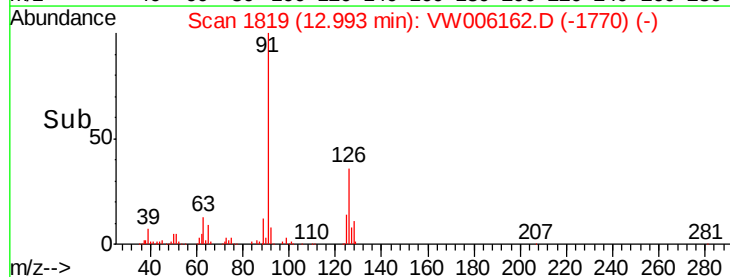
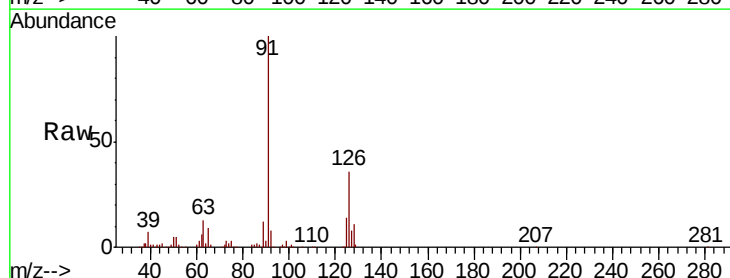
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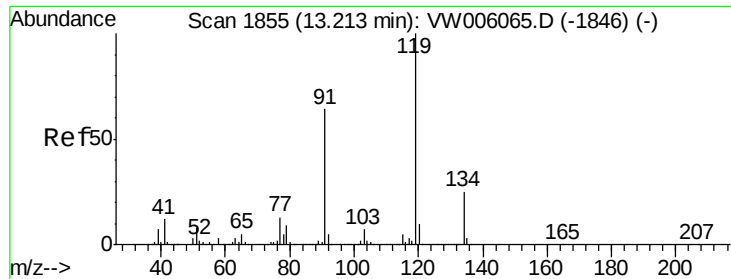
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#82
4-Chlorotoluene
Concen: 62.134 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.1	54.3





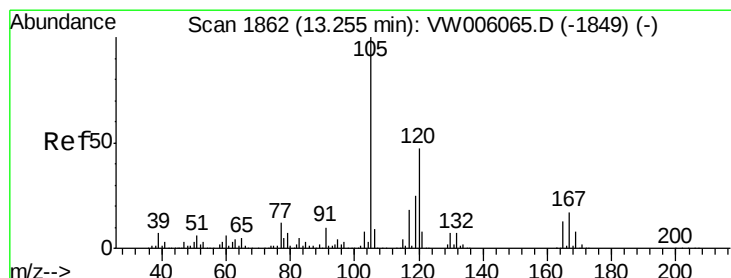
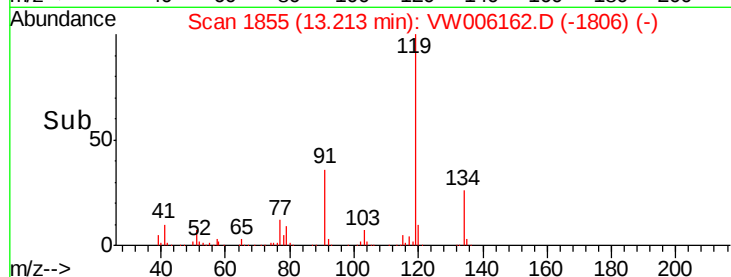
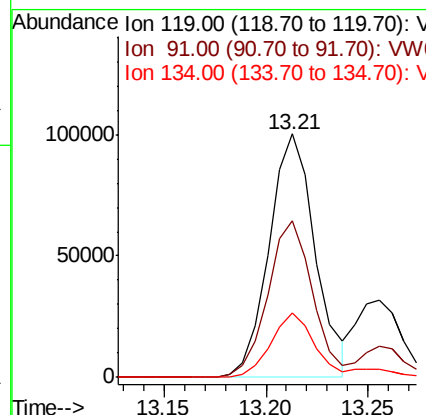
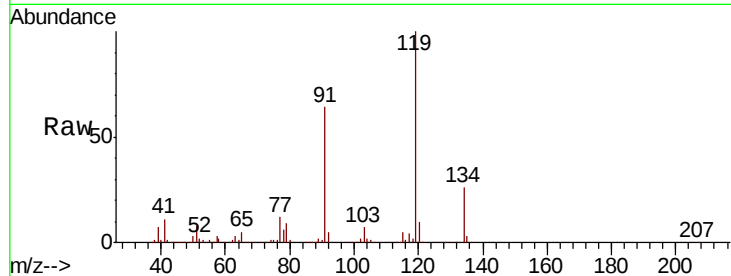
#83
tert-Butylbenzene
Concen: 55.026 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157694		
91	62.3		32.3	96.9
134	25.4		13.6	40.8

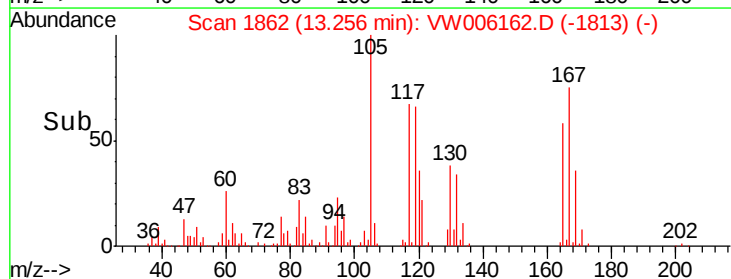
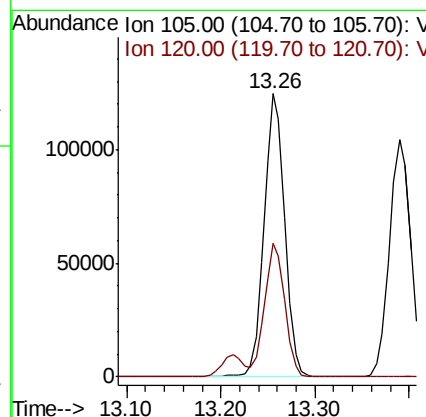
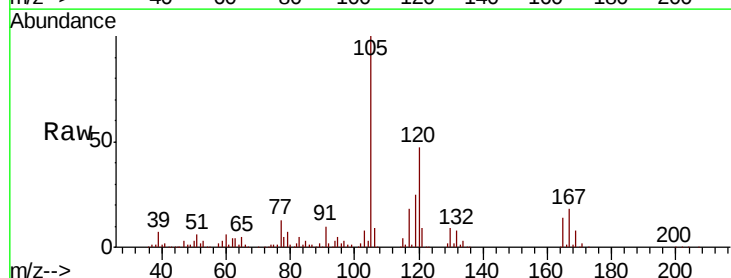
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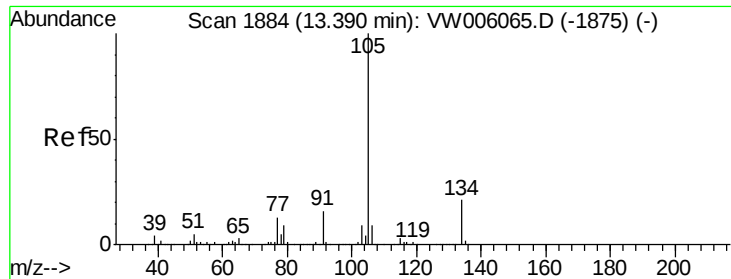
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#84
1,2,4-Trimethylbenzene
Concen: 59.291 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192176		
120	46.1		23.1	69.3





#85

sec-Butylbenzene

Concen: 40.557 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5MSD

Tot Ion:105 Resp: 164202

Ion Ratio Lower Upper

105 100

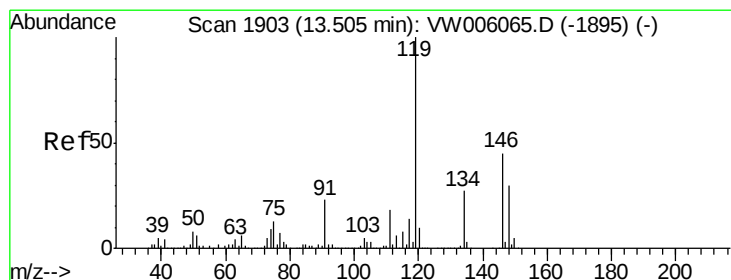
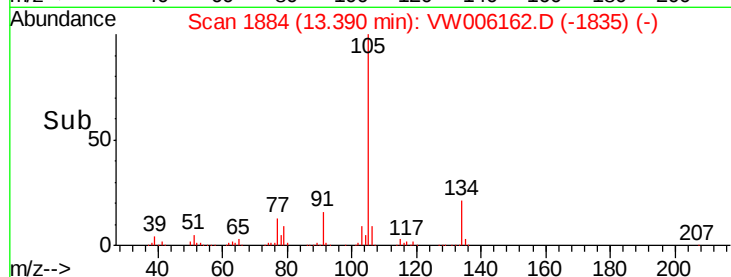
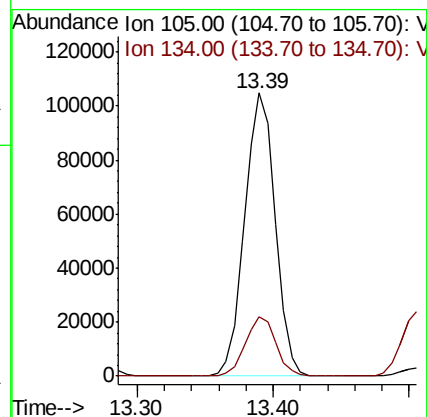
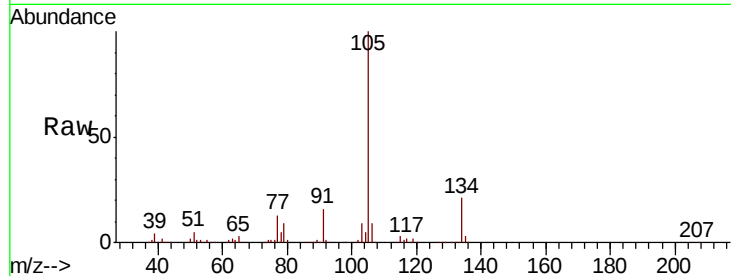
134 20.9 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 36.901 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

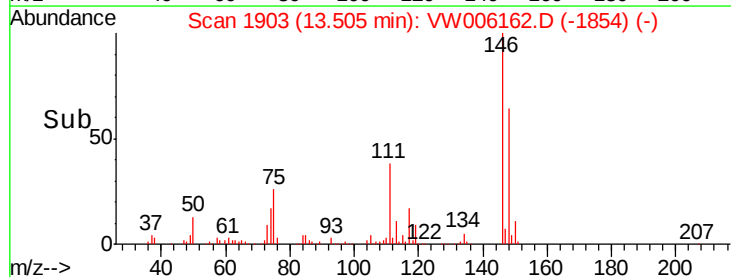
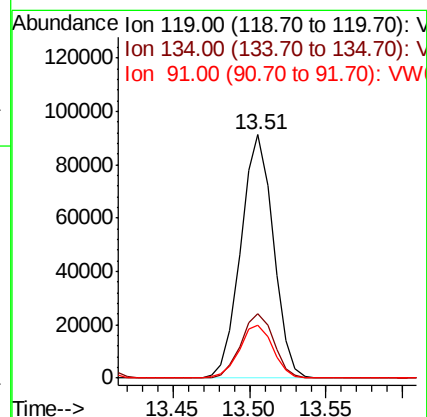
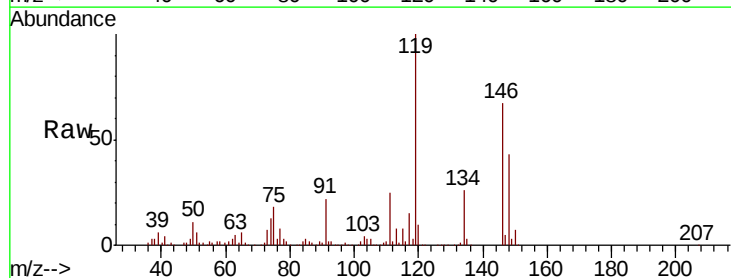
Tgt Ion:119 Resp: 135130

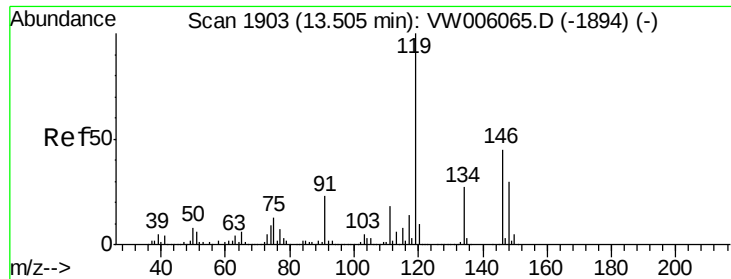
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 51.017 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

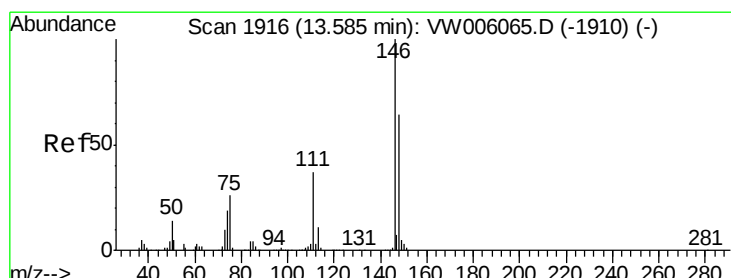
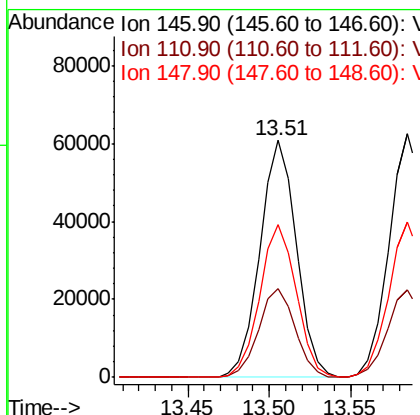
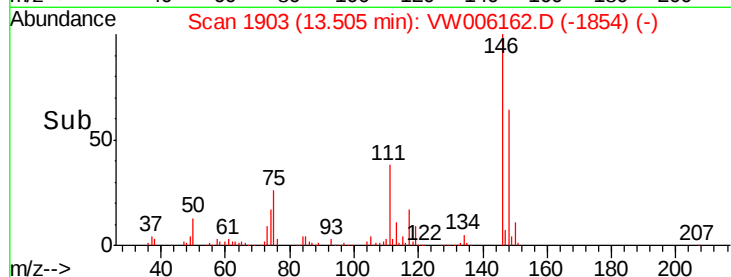
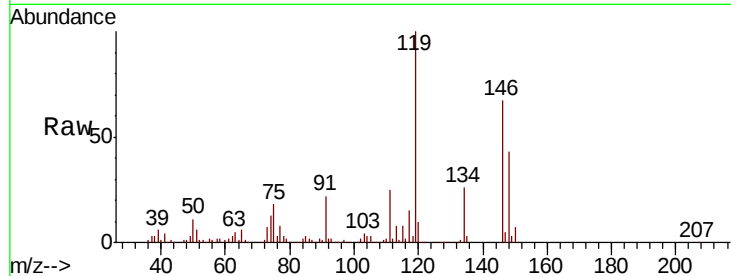
Instrument :
MSVOA_W

ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.6	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.039 ug/l

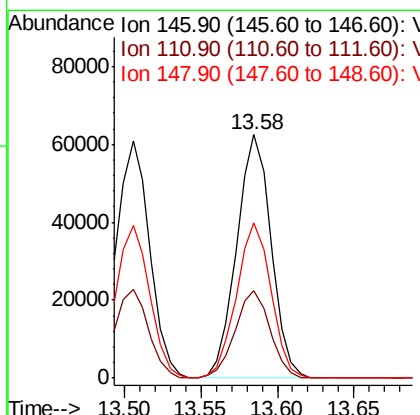
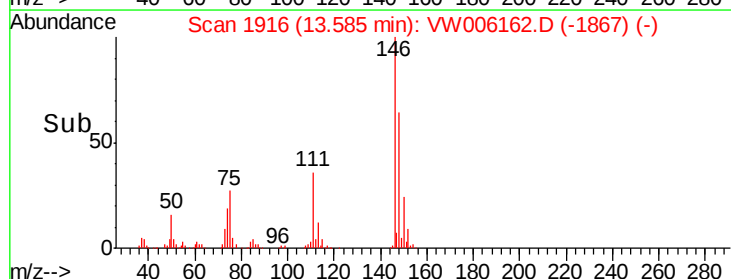
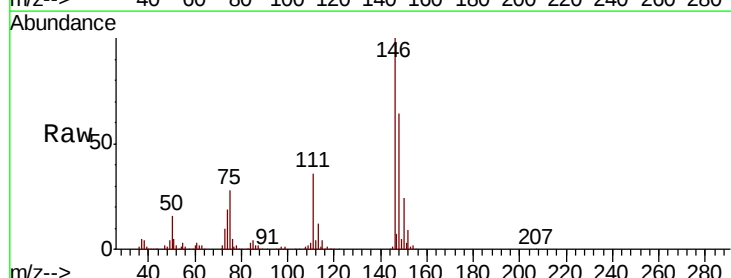
RT: 13.58 min Scan# 1916

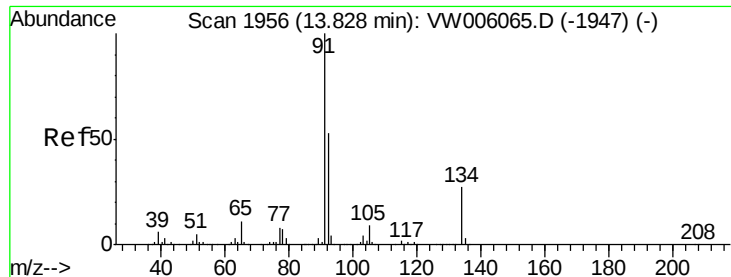
Delta R.T. 0.00 min

Lab File: VW006162.D

Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	56.0
148	64.0	32.1	96.5





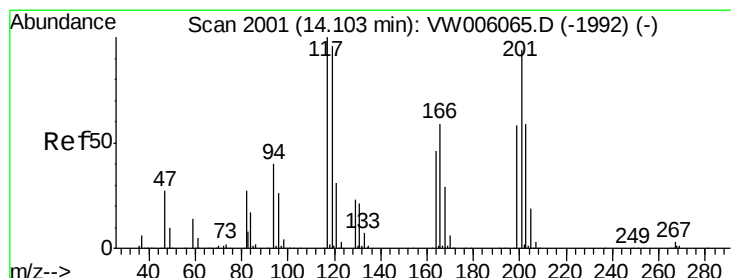
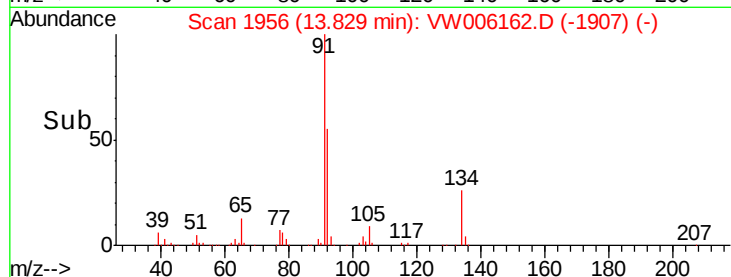
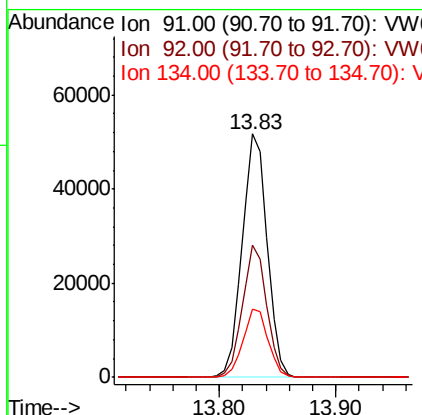
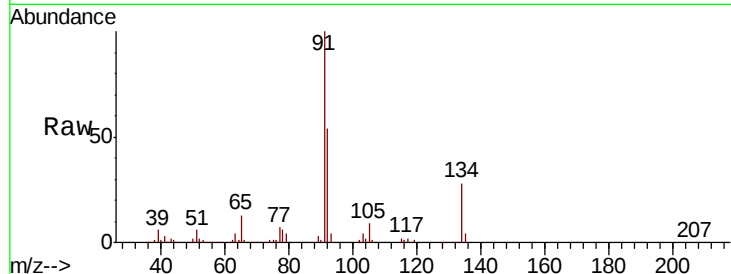
#89
n-Butylbenzene
Concen: 23.197 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	28.2	14.0	41.9

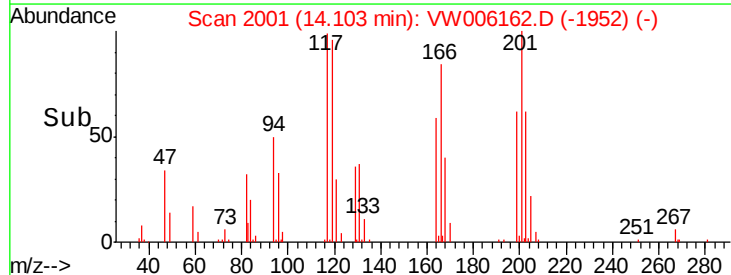
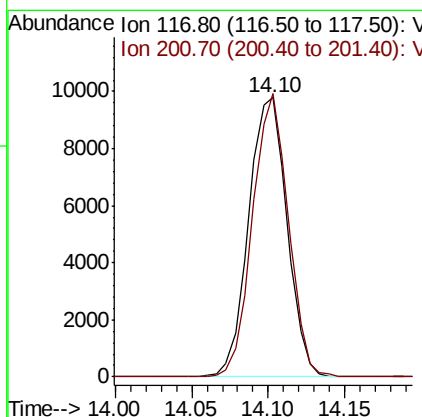
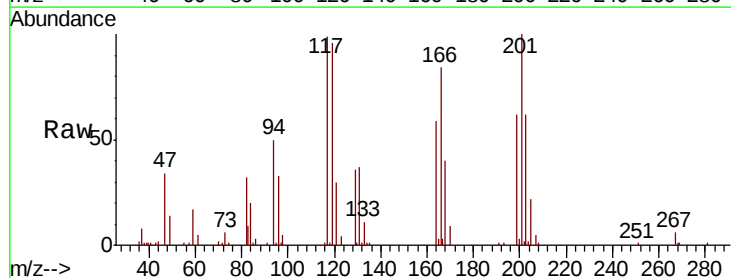
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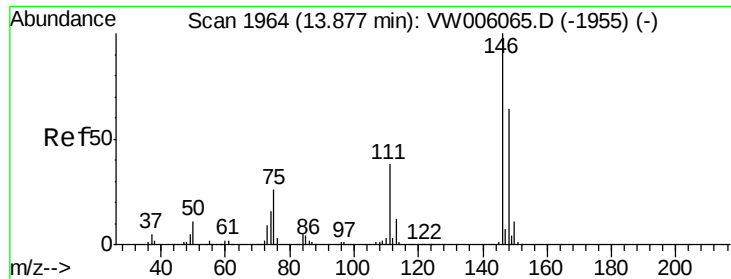
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#90
Hexachloroethane
Concen: 27.568 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	45.3	135.9





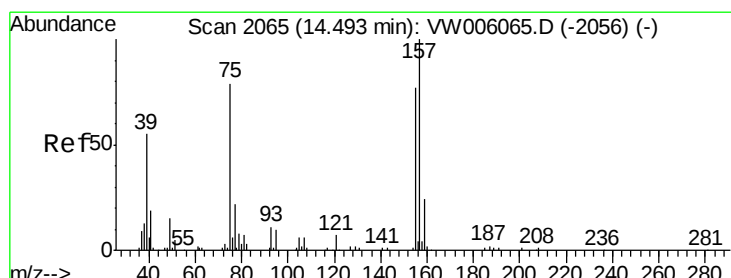
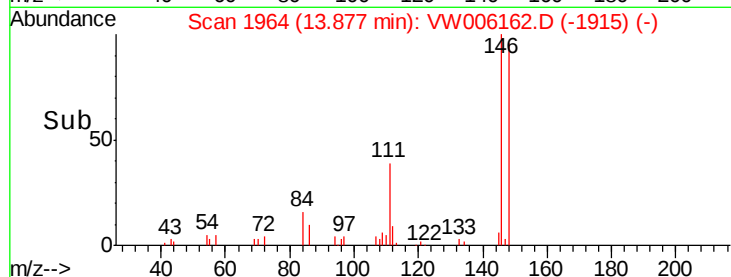
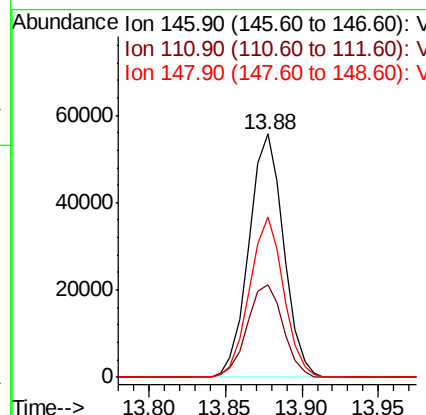
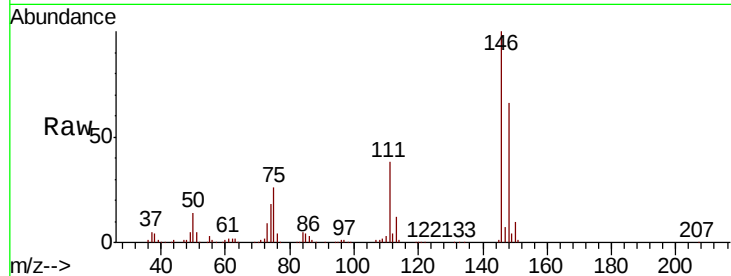
#91
 1,2-Dichlorobenzene
 Concen: 53.304 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.7	32.2	96.6

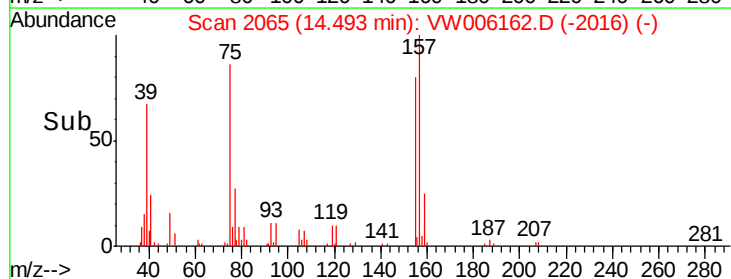
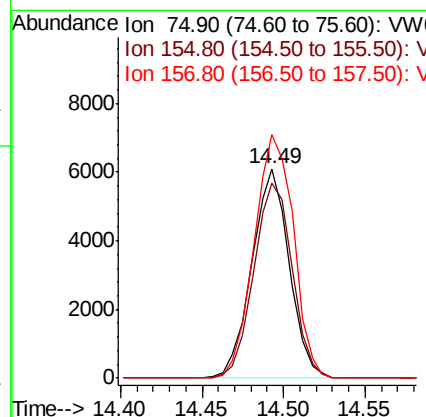
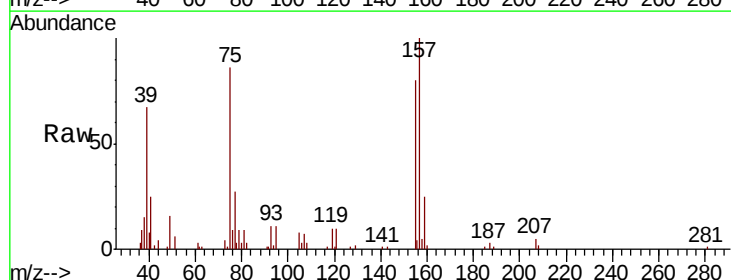
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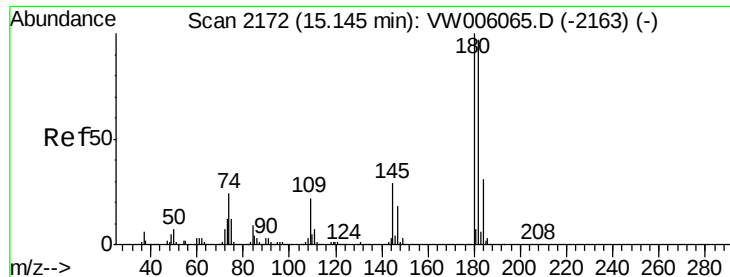
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.721 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	46.5	139.5
157	122.2	59.8	179.4





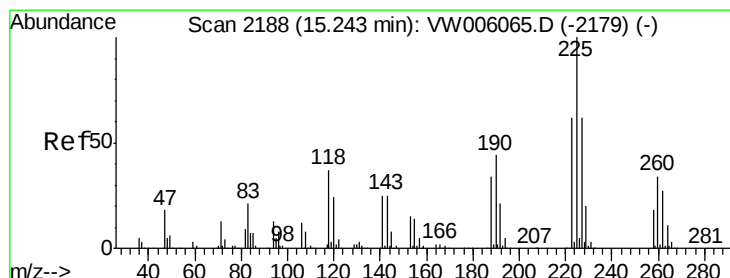
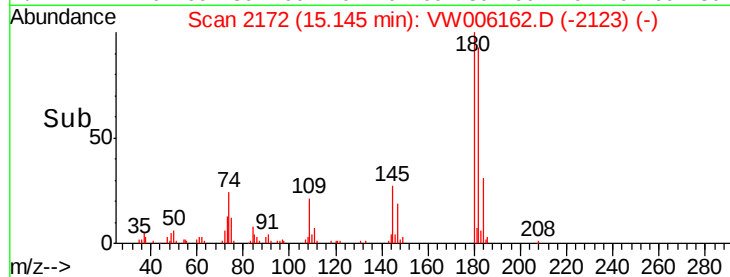
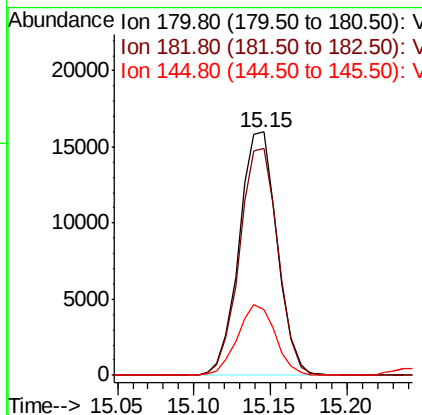
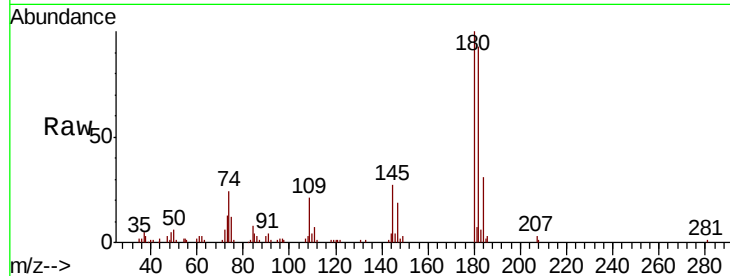
#93
 1,2,4-Trichlorobenzene
 Concen: 21.626 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	27490		
182	94.4	47.9	143.6	
145	28.8	14.2	42.8	

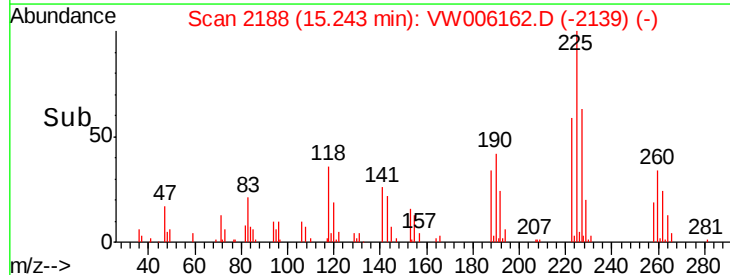
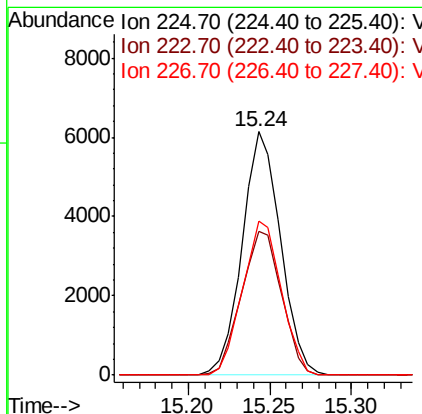
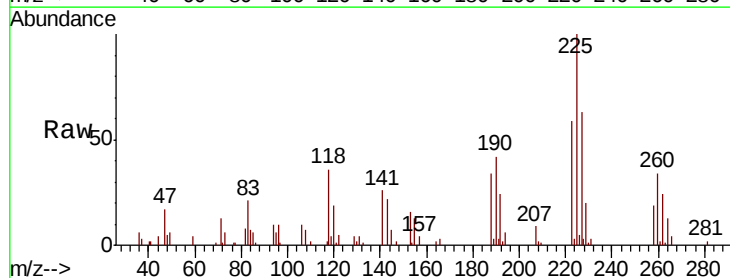
Manual Integrations
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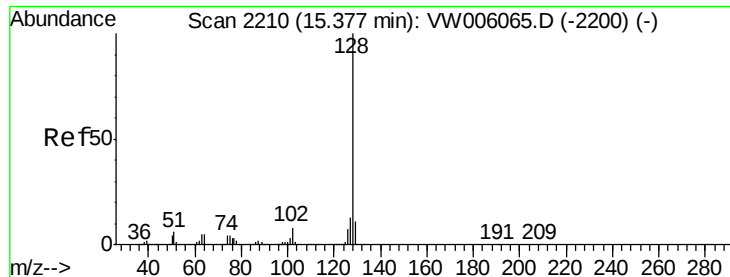
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#94
 Hexachlorobutadiene
 Concen: 12.613 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006162.D
 Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	10072		
223	61.8	31.1	93.5	
227	63.9	32.4	97.0	





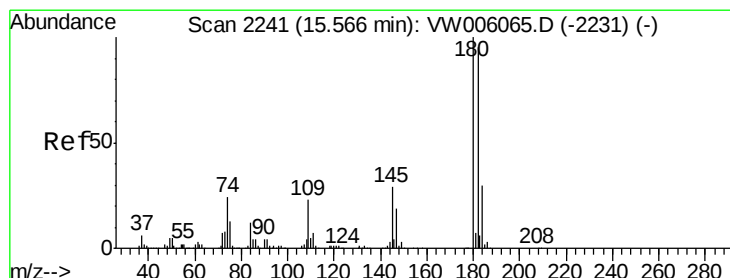
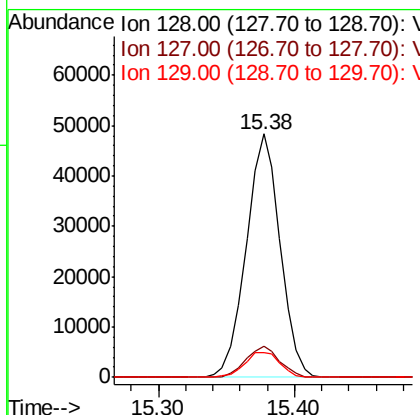
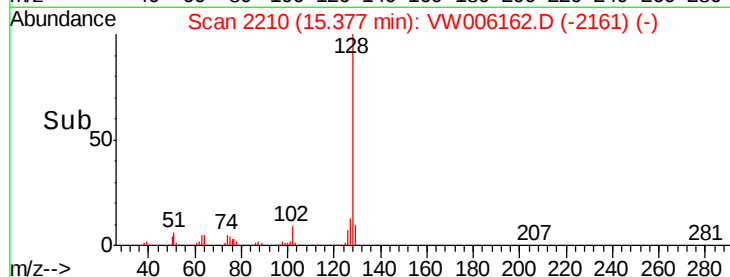
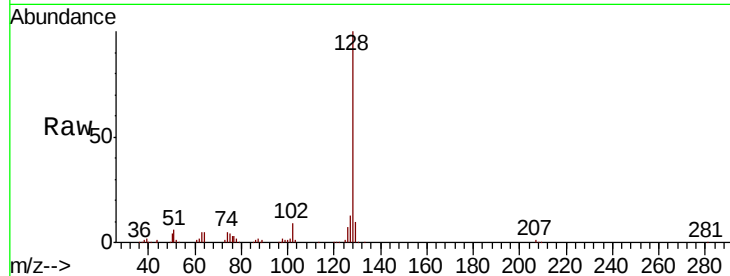
#95
Naphthalene
Concen: 39.831 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
10/18/2018 4:40:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.209 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006162.D
Acq: 18 Oct 2018 08:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.8	143.3
145	29.6	15.0	45.1

