

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006982.D
 Acq On : 20 Nov 2018 18:50
 Operator : SY/AP
 Sample : VW1121SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:37 AM

Quant Time: Nov 21 05:02:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	200065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	188002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95564	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63387	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	7.88	113	55246	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.32	98	236343	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.62	95	92414	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	25593	20.43	ug/l	99
3) Chloromethane	2.21	50	21301	20.40	ug/l	98
4) Vinyl Chloride	2.36	62	20274	19.74	ug/l	99
5) Bromomethane	2.78	94	11008	20.08	ug/l	86
6) Chloroethane	2.92	64	10811	19.09	ug/l	94
7) Trichlorofluoromethane	3.26	101	39990	19.80	ug/l	95
8) Diethyl Ether	3.69	74	13644	20.96	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26234	20.03	ug/l	100
10) Methyl Iodide	4.27	142	24927	16.63	ug/l	99
11) Tert butyl alcohol	5.22	59	9415	116.42	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	22544	19.63	ug/l	97
13) Acrolein	3.90	56	9593	115.51	ug/l	98
14) Allyl chloride	4.67	41	36191	19.00	ug/l	99
15) Acrylonitrile	5.38	53	26863	109.82	ug/l	98
16) Acetone	4.15	43	19045	105.60	ug/l	94
17) Carbon Disulfide	4.38	76	68570	18.47	ug/l	98
18) Methyl Acetate	4.68	43	13359	20.80	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	65703	21.91	ug/l	96
20) Methylene Chloride	4.92	84	30588	17.80	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	25932	19.38	ug/l	95
22) Diisopropyl ether	6.32	45	75411	20.34	ug/l	96
23) Vinyl Acetate	6.26	43	215700	109.55	ug/l	99
24) 1,1-Dichloroethane	6.22	63	43553	19.31	ug/l	99
25) 2-Butanone	7.18	43	33879	109.68	ug/l	98
26) 2,2-Dichloropropane	7.17	77	41268	20.35	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	27355	19.20	ug/l	96
28) Bromochloromethane	7.51	49	15472	18.35	ug/l	99
29) Tetrahydrofuran	7.54	42	21812	109.03	ug/l	99
30) Chloroform	7.68	83	46448	19.38	ug/l	97
31) Cyclohexane	7.96	56	47875	20.01	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	44555	20.64	ug/l	98
36) 1,1-Dichloropropene	8.09	75	39806	20.36	ug/l	99
37) Ethyl Acetate	7.26	43	15763	22.25	ug/l	98
38) Carbon Tetrachloride	8.07	117	38473	20.55	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	46599	19.05	ug/l	99
40) Benzene	8.33	78	103243	19.56	ug/l	100
41) Methacrylonitrile	7.49	41	8818	20.04	ug/l	98
42) 1,2-Dichloroethane	8.40	62	31432	20.51	ug/l	99
43) Isopropyl Acetate	8.43	43	29383	21.76	ug/l	99
44) Trichloroethene	9.09	130	29567	19.99	ug/l	96
45) 1,2-Dichloropropane	9.37	63	26631	20.47	ug/l	98
46) Dibromomethane	9.46	93	13453	20.65	ug/l	99
47) Bromodichloromethane	9.65	83	35733	20.82	ug/l	97
48) Methyl methacrylate	9.44	41	13430	20.63	ug/l	96
49) 1,4-Dioxane	9.48	88	3734	385.63	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	73715	108.04	ug/l	100
52) Toluene	10.39	92	68805	19.16	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	34261	20.61	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	41094	20.46	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	20444	21.33	ug/l	98
56) Ethyl methacrylate	10.65	69	23457	21.08	ug/l	98
57) 1,3-Dichloropropane	10.93	76	33621	20.93	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	64007	110.09	ug/l	99
59) 2-Hexanone	10.98	43	51501	110.23	ug/l	99
60) Dibromochloromethane	11.13	129	22526	20.63	ug/l	97
61) 1,2-Dibromoethane	11.24	107	19127	21.81	ug/l	98
64) Tetrachloroethene	10.87	164	23127	19.12	ug/l	98
65) Chlorobenzene	11.66	112	75605	19.27	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	23699	19.97	ug/l	98
67) Ethyl Benzene	11.73	91	138687	19.24	ug/l	99
68) m/p-Xylenes	11.84	106	109196	38.61	ug/l	99
69) o-Xylene	12.17	106	51521	19.32	ug/l	98
70) Styrene	12.18	104	82554	19.45	ug/l	99
71) Bromoform	12.35	173	11622	20.78	ug/l #	97
73) Isopropylbenzene	12.47	105	141105	19.00	ug/l	100
74) N-amyl acetate	12.28	43	26375	21.19	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	20512	20.75	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13281m	17.69	ug/l	
77) Bromobenzene	12.75	156	31408	19.69	ug/l	96
78) n-propylbenzene	12.81	91	169468	18.84	ug/l	100
79) 2-Chlorotoluene	12.90	91	98453	18.98	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	121436	18.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6191	20.70	ug/l	95
82) 4-Chlorotoluene	12.99	91	102177	18.77	ug/l	99
83) tert-Butylbenzene	13.21	119	104239	18.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	121986	19.06	ug/l	99
85) sec-Butylbenzene	13.39	105	148034	18.84	ug/l	99
86) p-Isopropyltoluene	13.51	119	130390	18.81	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	62093	19.07	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	62545	19.26	ug/l	99
89) n-Butylbenzene	13.83	91	122381	18.76	ug/l	99
90) Hexachloroethane	14.10	117	18833	18.61	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	55527	19.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3591	21.51	ug/l	90

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ClientSampleId :
VW1121SBS01

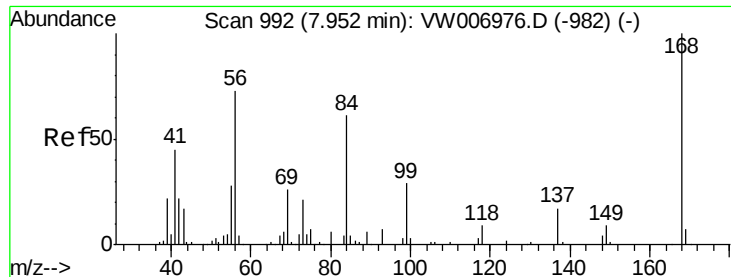
Manual Integrations
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11/21/2018 11:32:37 AM

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35747	19.00	ug/l	100
94) Hexachlorobutadiene	15.24	225	18495	18.08	ug/l	99
95) Naphthalene	15.38	128	67037	19.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	30807	19.73	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 168 Resp: 126885

Ion Ratio Lower Upper

168 100

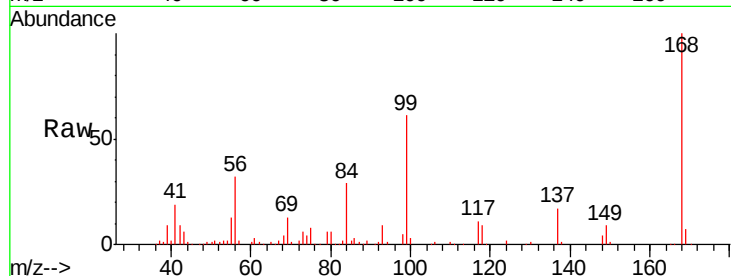
99 60.6 48.2 72.4

Manual Integrations

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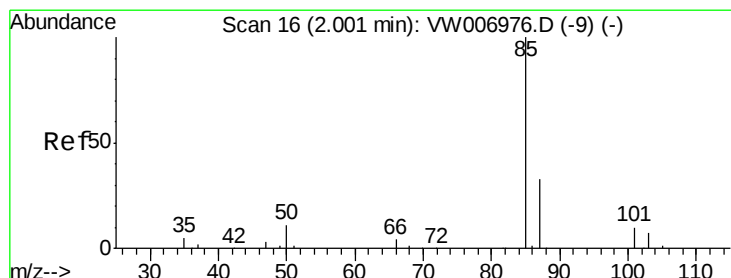
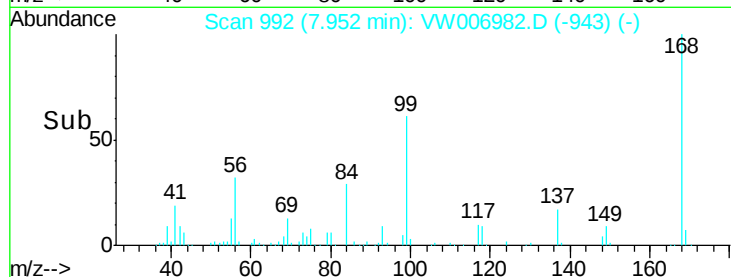
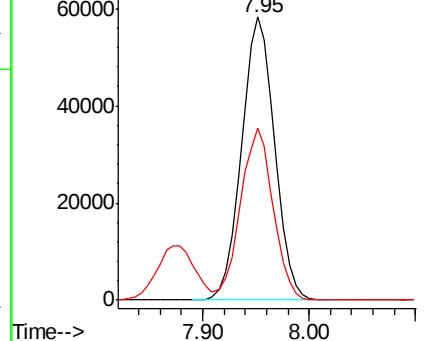
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.43 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006982.D

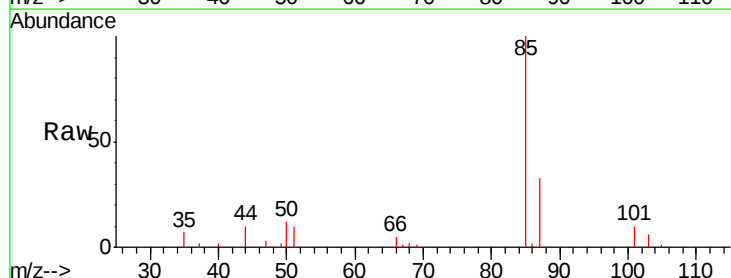
Acq: 20 Nov 2018 18:50

Tgt Ion: 85 Resp: 25593

Ion Ratio Lower Upper

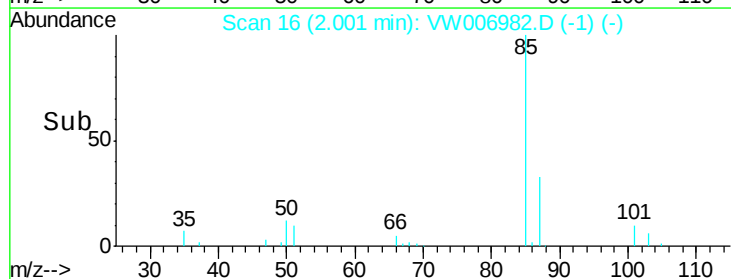
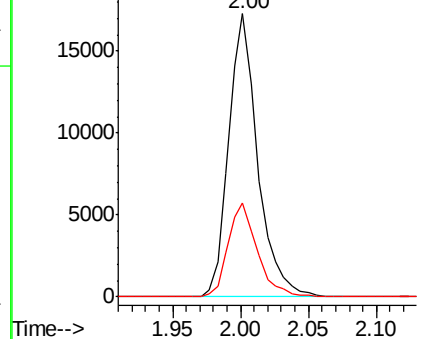
85 100

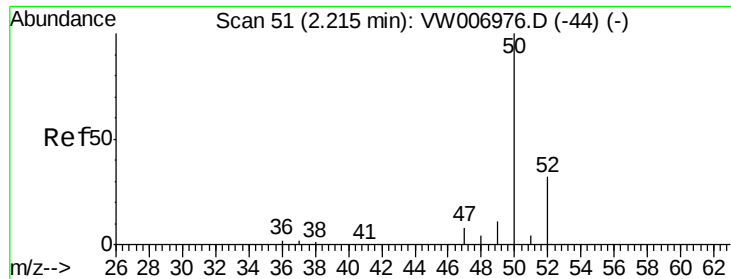
87 33.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.40 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 50 Resp: 21301

Ion Ratio Lower Upper

50 100

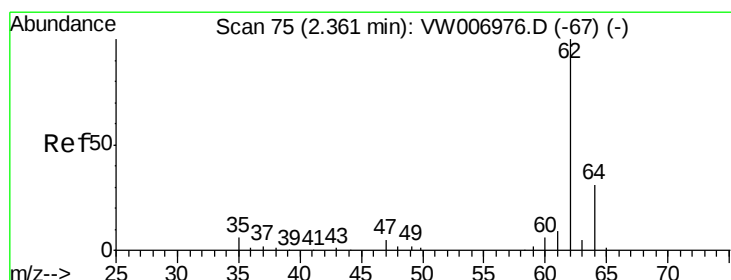
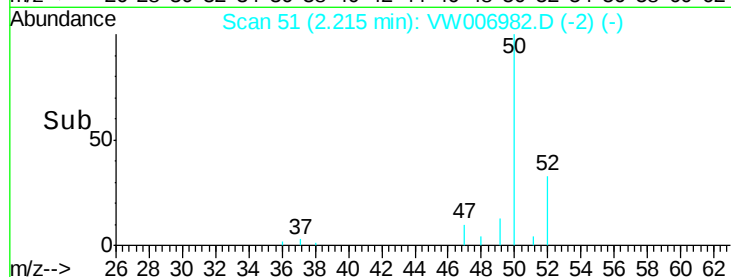
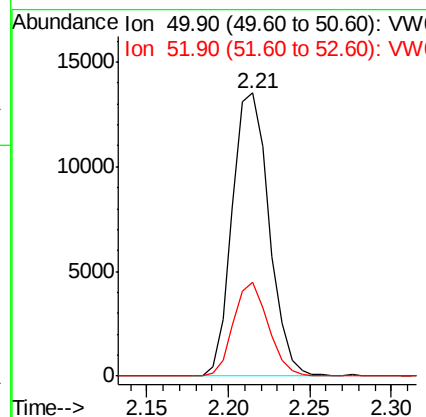
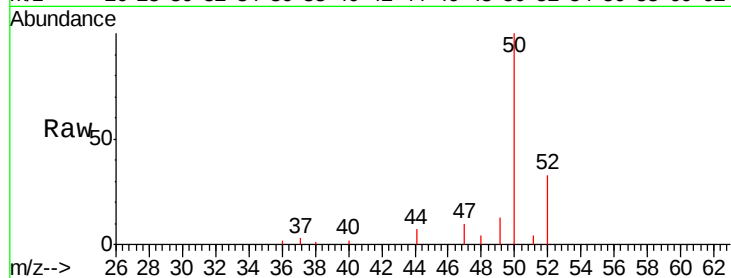
52 33.3 25.7 38.5

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#4

Vinyl Chloride

Concen: 19.74 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006982.D

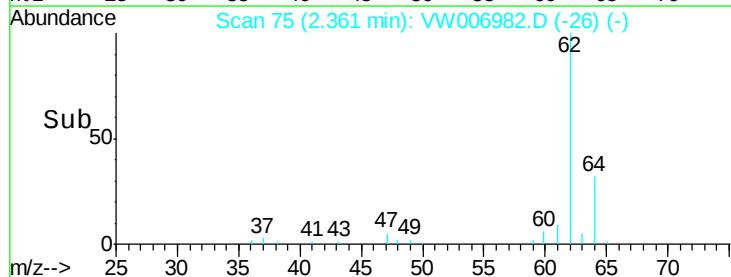
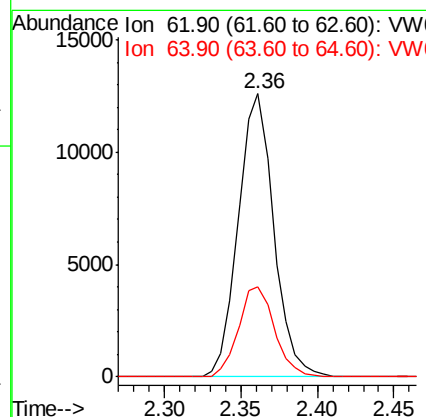
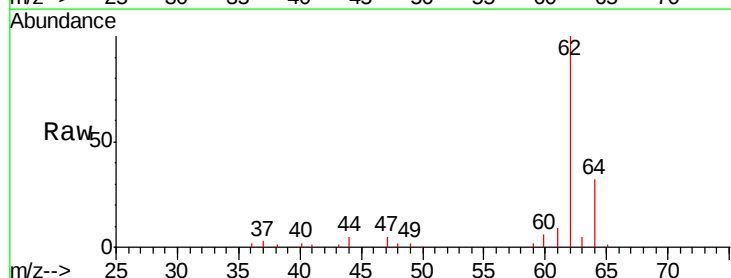
Acq: 20 Nov 2018 18:50

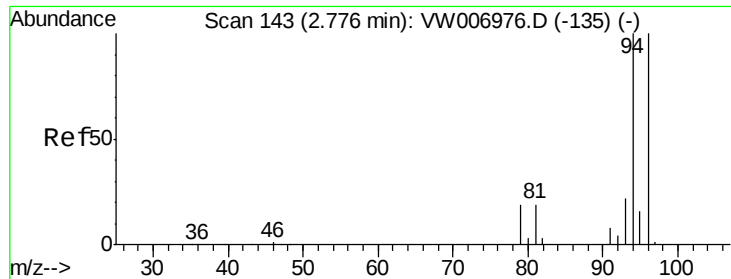
Tgt Ion: 62 Resp: 20274

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 20.08 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 94 Resp: 11008

Ion Ratio Lower Upper

94 100

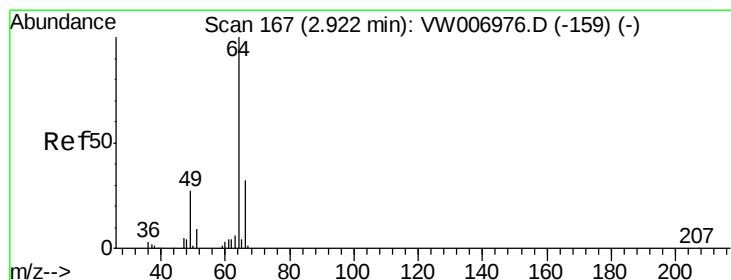
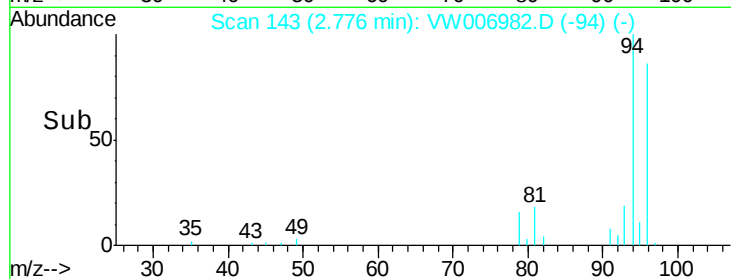
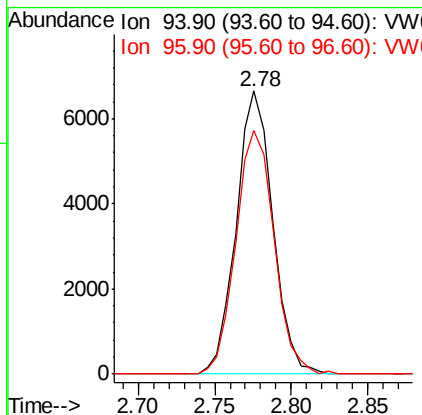
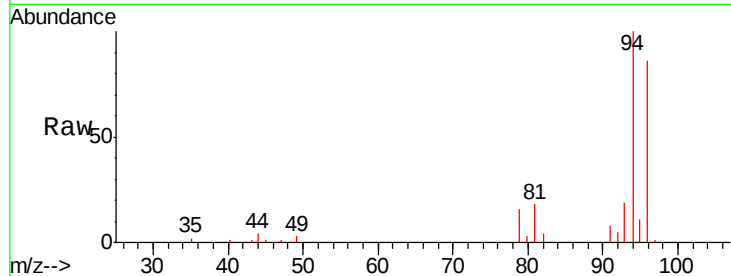
96 86.1 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 19.09 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006982.D

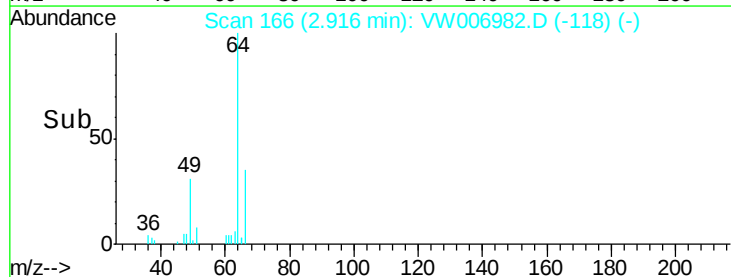
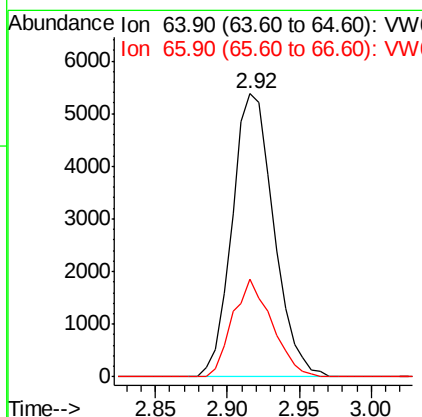
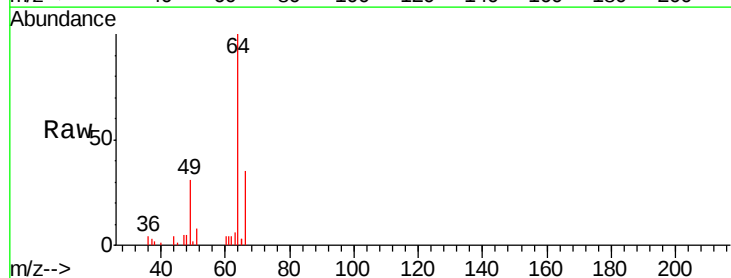
Acq: 20 Nov 2018 18:50

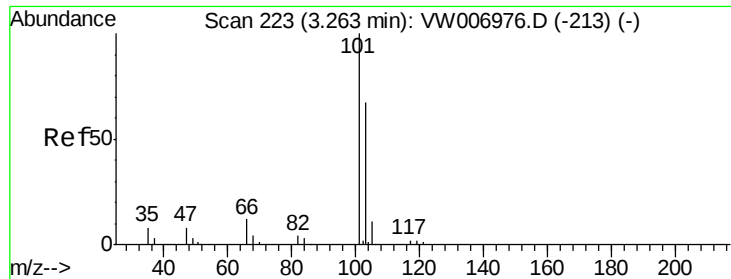
Tgt Ion: 64 Resp: 10811

Ion Ratio Lower Upper

64 100

66 34.8 25.3 37.9





#7

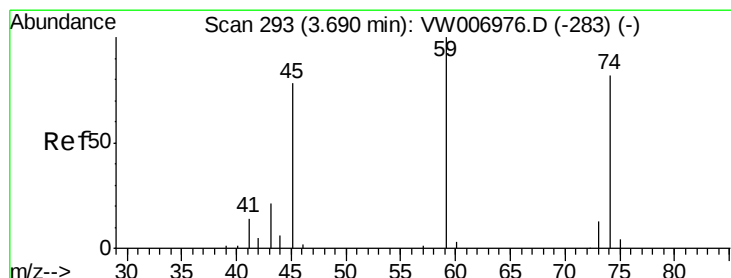
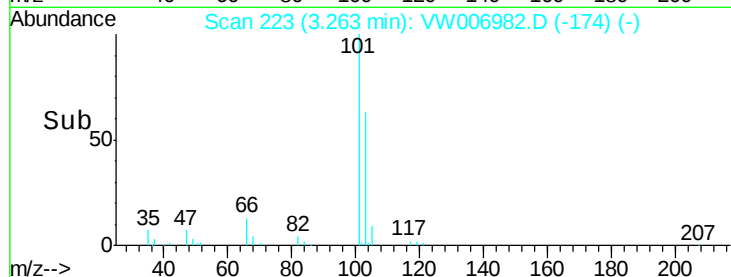
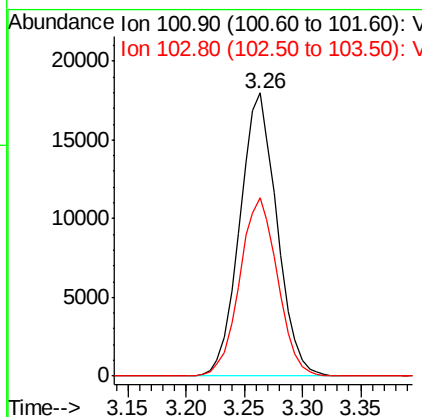
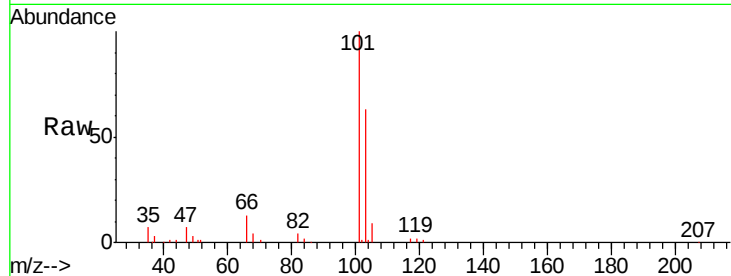
Trichlorofluoromethane
Concen: 19.80 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
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ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.0	53.4	80.2

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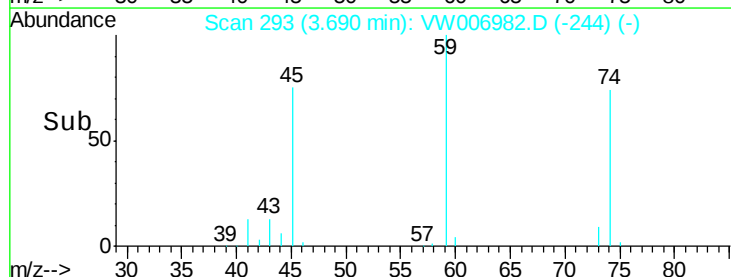
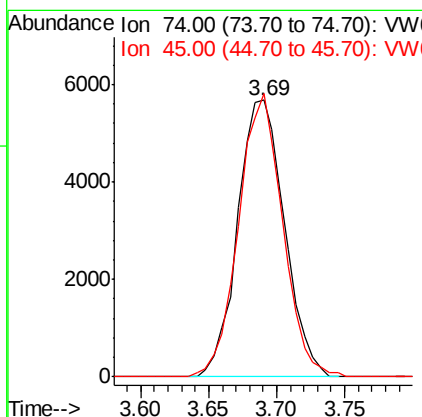
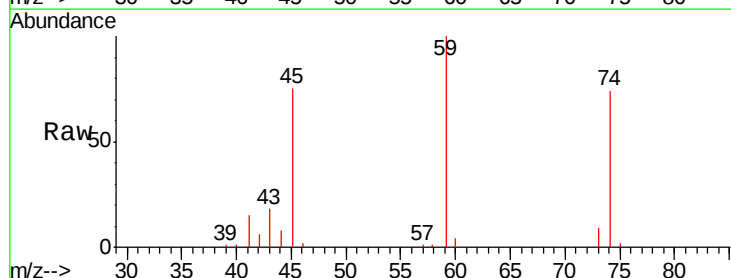
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11/21/2018 11:32:37 AM



#8

Diethyl Ether
Concen: 20.96 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.03 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

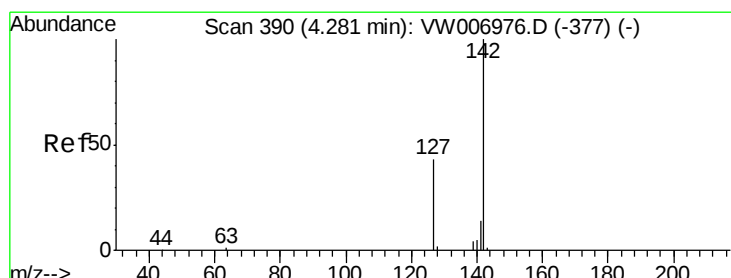
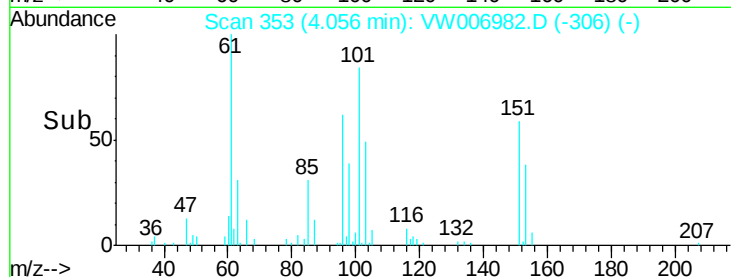
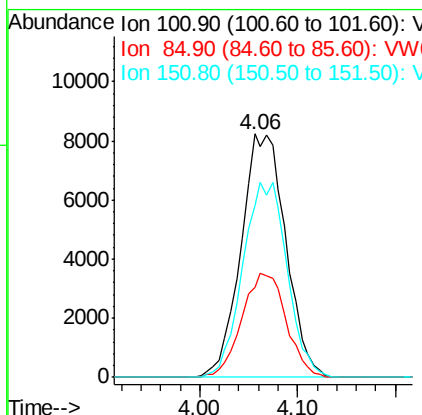
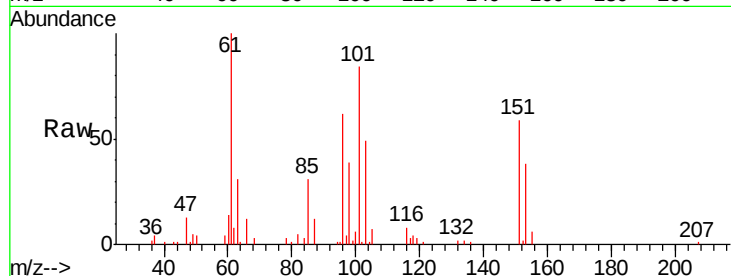
ClientSampleId :

VW1121SBS01

Tgt Ion:	101	Resp:	26234
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.3	51.5
151	79.4	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 16.63 ug/l

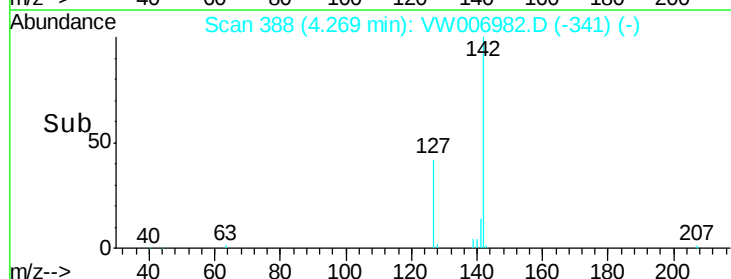
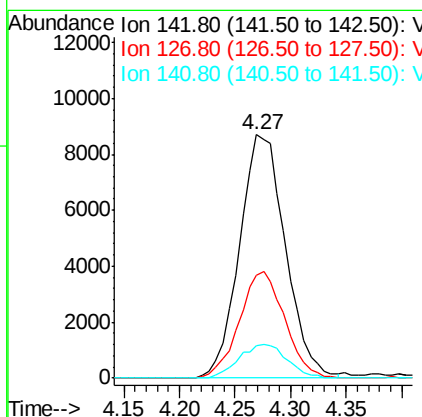
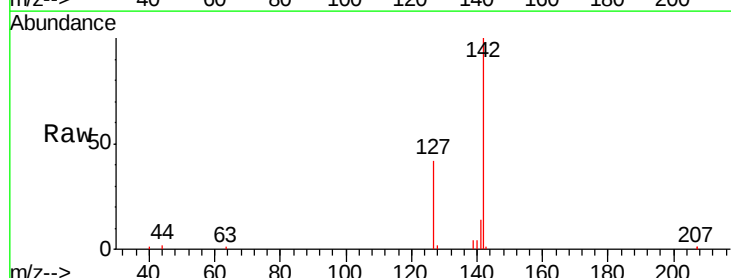
RT: 4.27 min Scan# 388

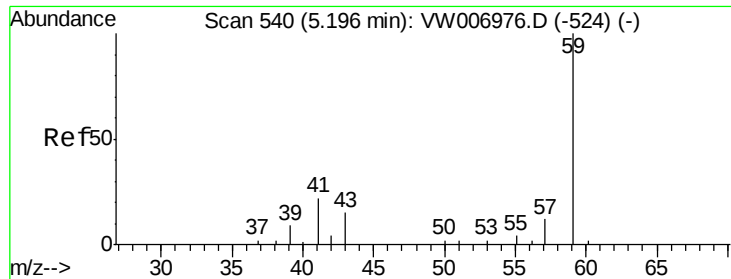
Delta R.T. -0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Tgt Ion:	142	Resp:	24927
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.3	52.9
141	14.5	11.7	17.5





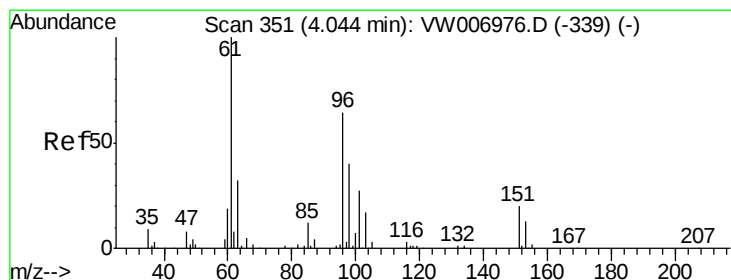
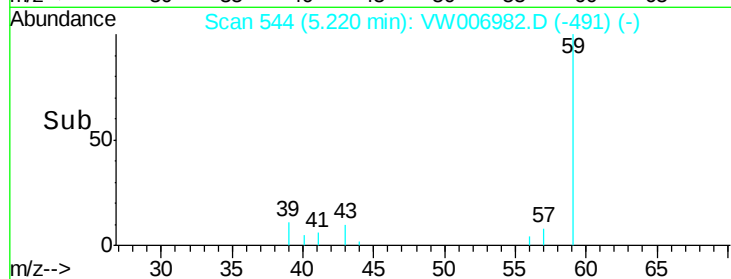
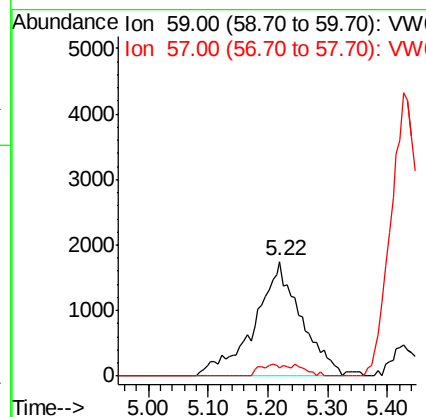
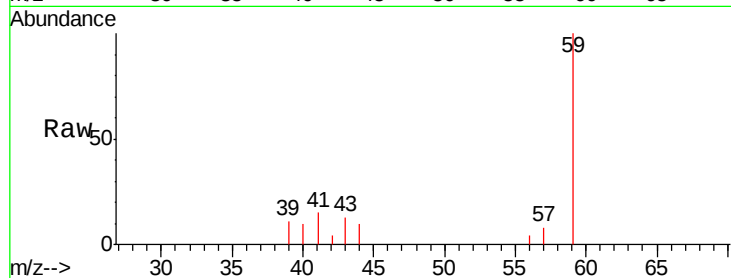
#11
Tert butyl alcohol
Concen: 116.42 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 59 Resp: 9415
Ion Ratio Lower Upper
59 100
57 4.4 8.6 13.0#

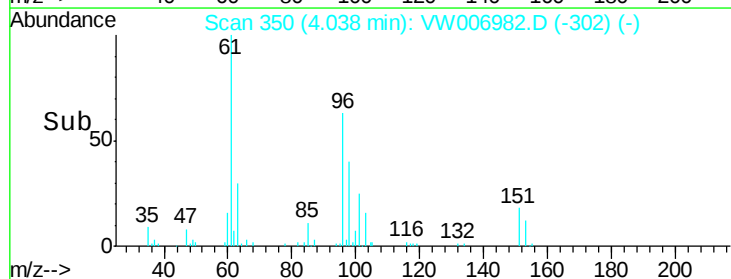
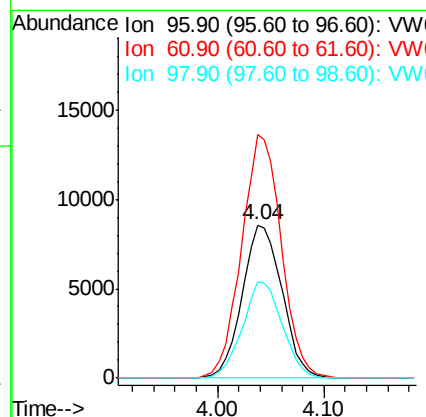
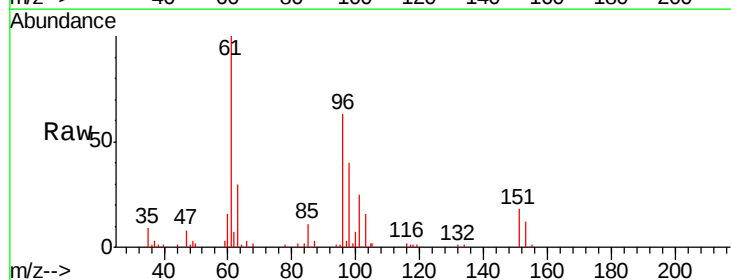
Manual Integrations
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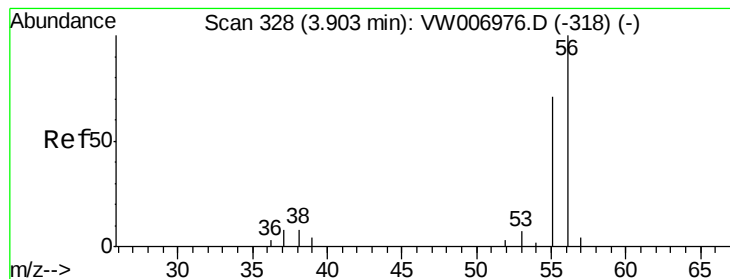
MMDadoda
11/21/2018 11:32:37 AM



#12
1,1-Dichloroethene
Concen: 19.63 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion: 96 Resp: 22544
Ion Ratio Lower Upper
96 100
61 159.1 124.3 186.5
98 63.2 49.4 74.2





#13

Acrolein

Concen: 115.51 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 56 Resp: 9593

Ion Ratio Lower Upper

56 100

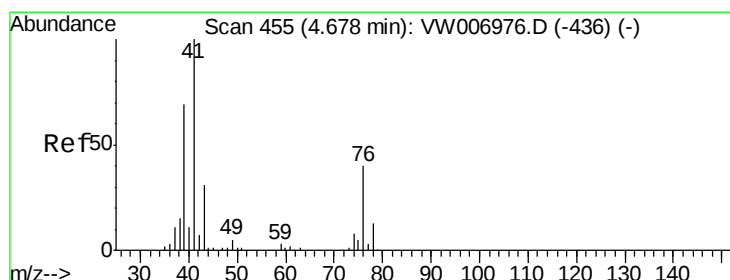
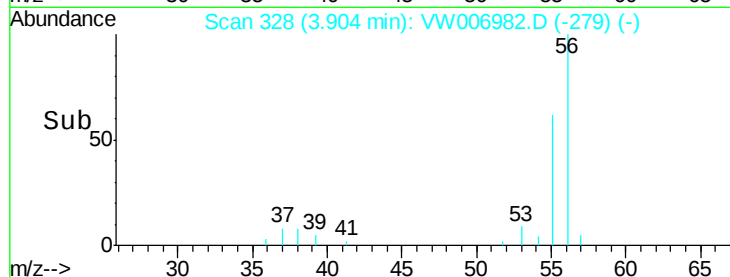
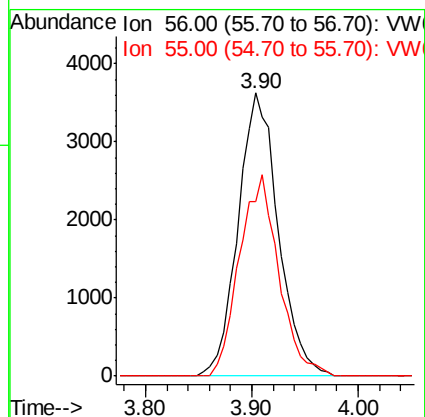
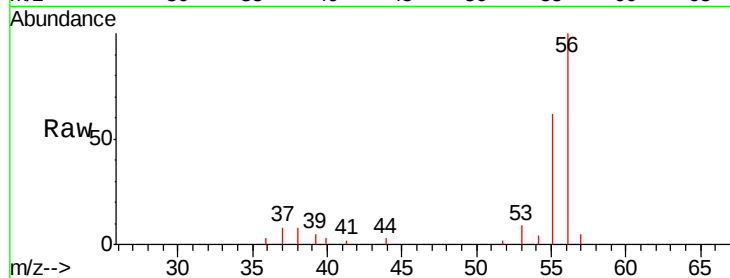
55 69.9 57.5 86.3

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#14

Allyl chloride

Concen: 19.00 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

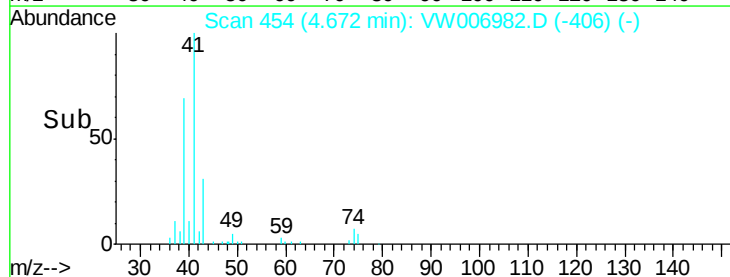
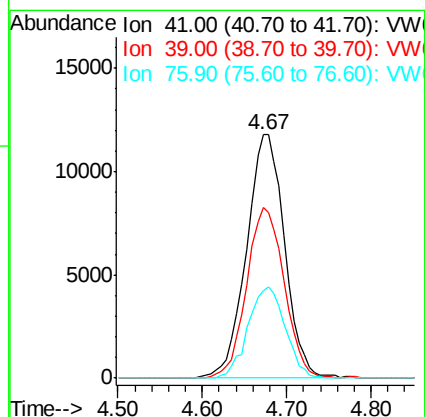
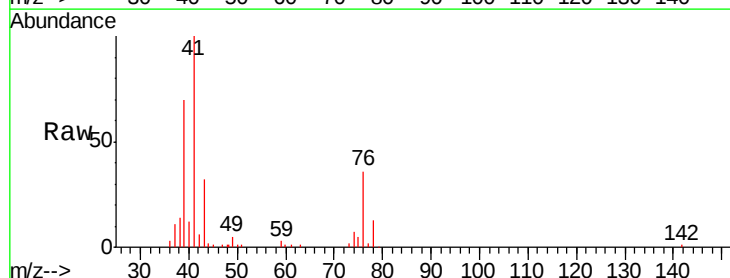
Tgt Ion: 41 Resp: 36191

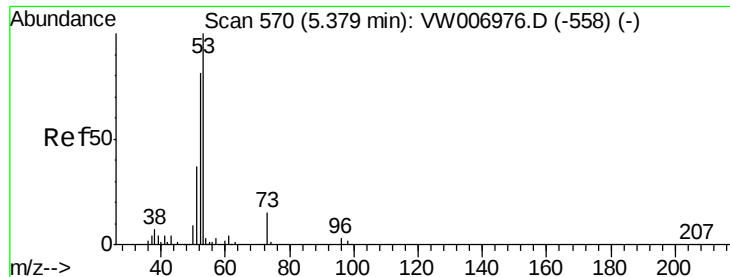
Ion Ratio Lower Upper

41 100

39 68.9 55.4 83.2

76 36.5 29.6 44.4





#15

Acrylonitrile

Concen: 109.82 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

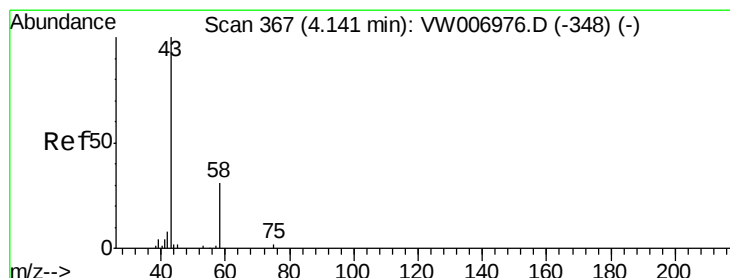
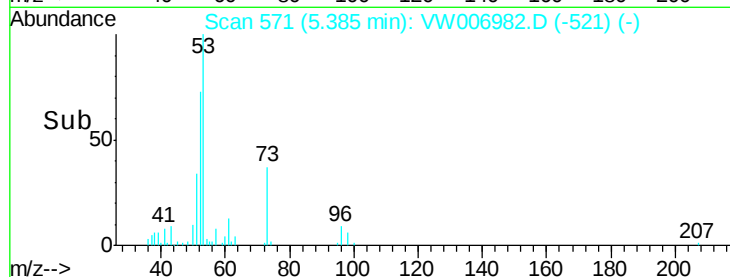
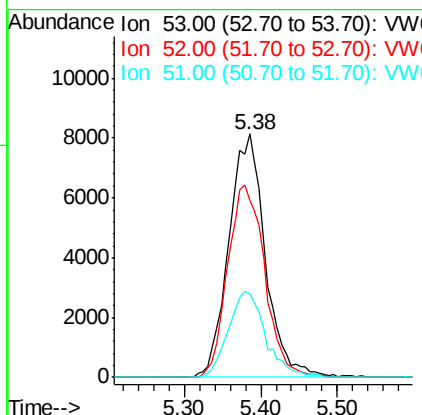
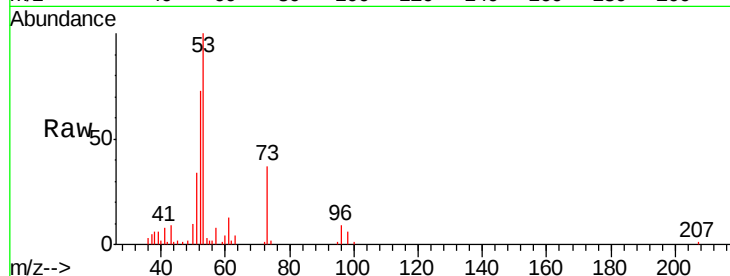
ClientSampleId :

VW1121SBS01

Tgt Ion:	53	Resp:	26863
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.7	98.5
51	36.2	29.9	44.9

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#16

Acetone

Concen: 105.60 ug/l

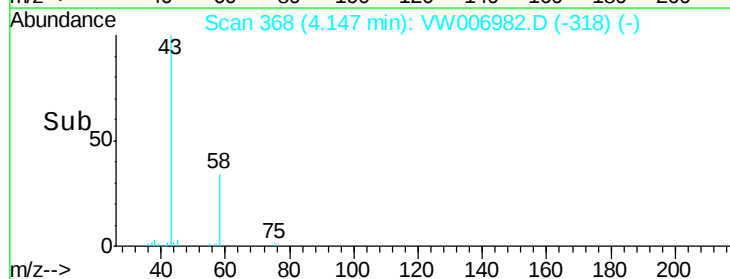
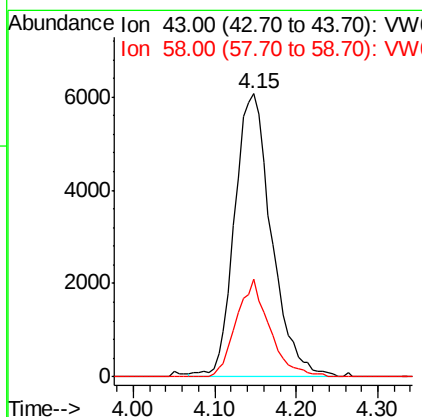
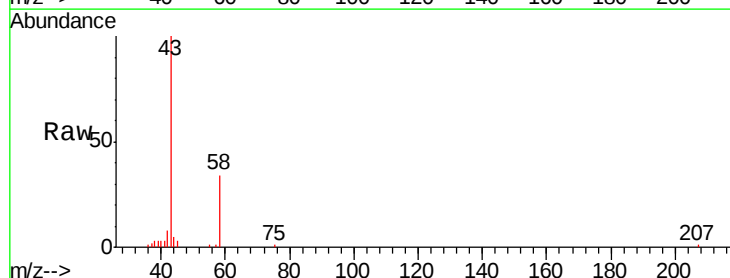
RT: 4.15 min Scan# 368

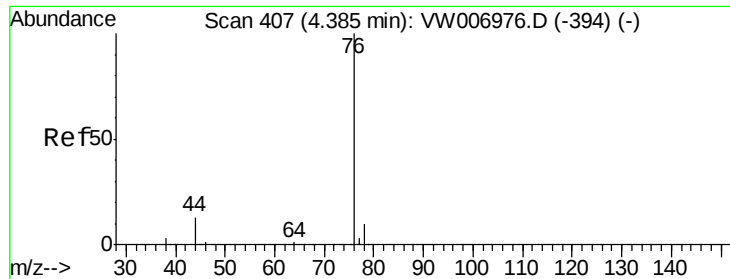
Delta R.T. 0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Tgt Ion:	43	Resp:	19045
Ion	Ratio	Lower	Upper
43	100		
58	34.4	24.8	37.2





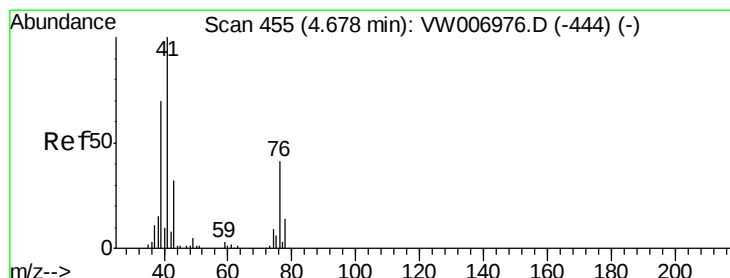
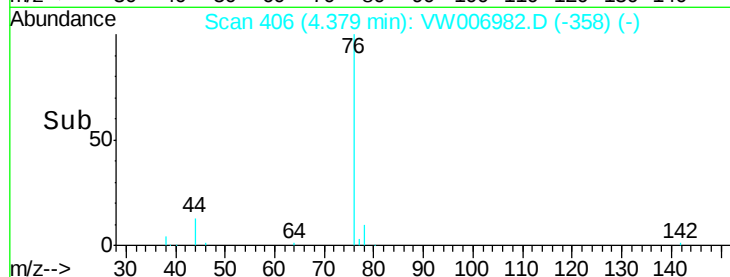
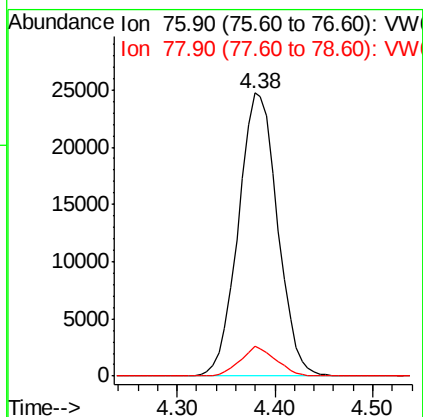
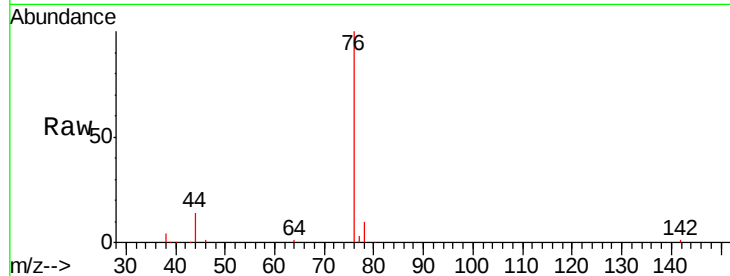
#17
Carbon Disulfide
Concen: 18.47 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 76 Resp: 68570
Ion Ratio Lower Upper
76 100
78 10.5 7.8 11.6

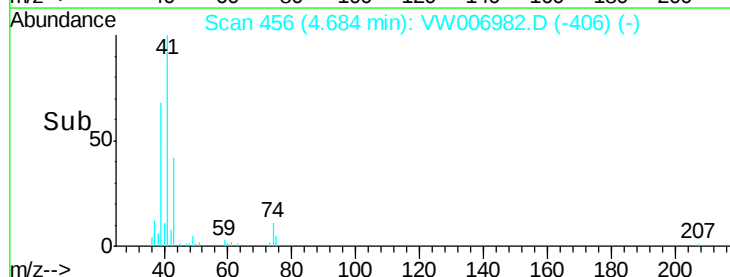
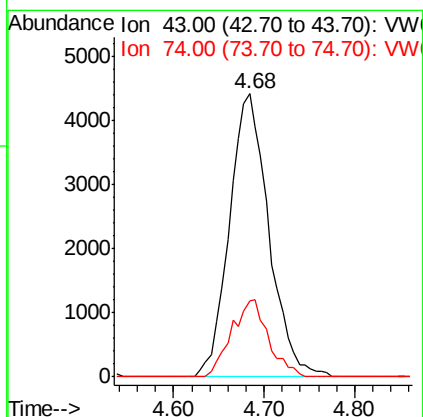
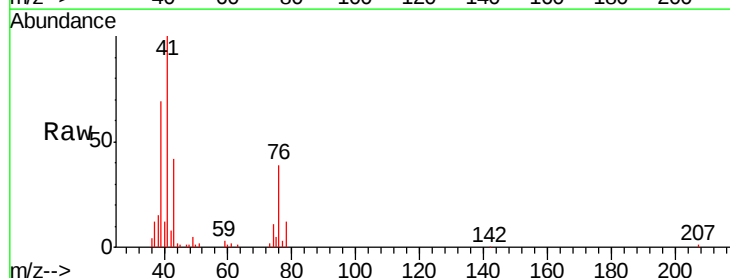
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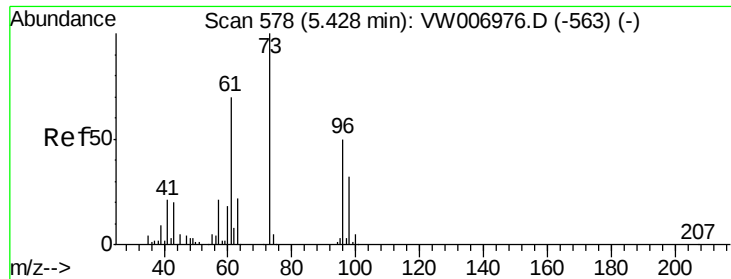
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#18
Methyl Acetate
Concen: 20.80 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion: 43 Resp: 13359
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1





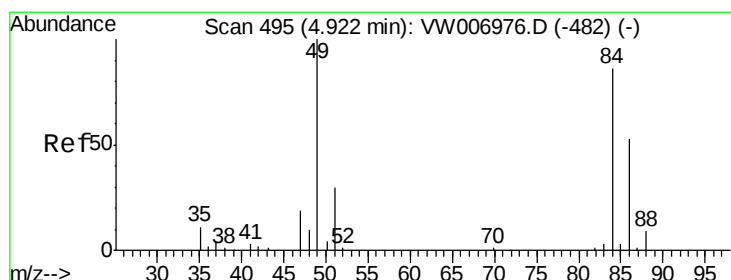
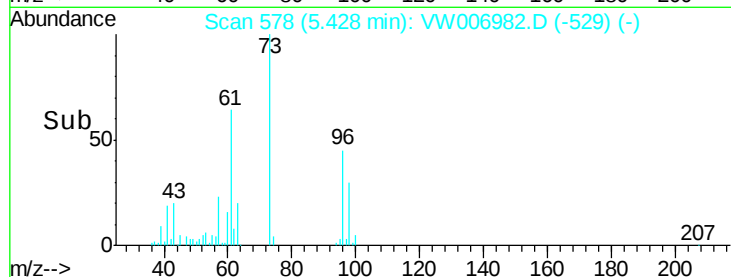
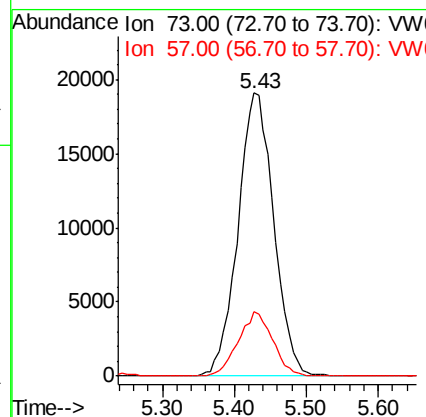
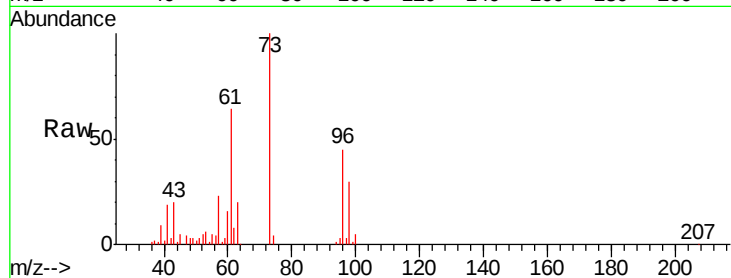
#19
Methyl tert-butyl Ether
Concen: 21.91 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 73 Resp: 65703
Ion Ratio Lower Upper
73 100
57 22.6 16.7 25.1

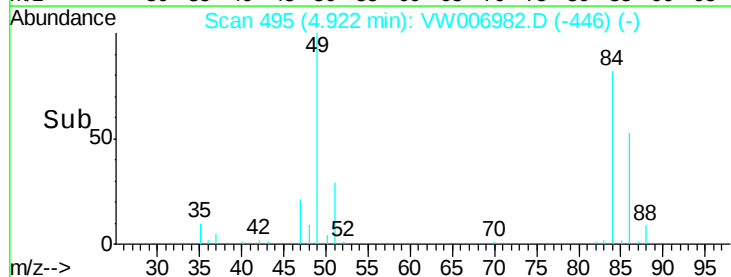
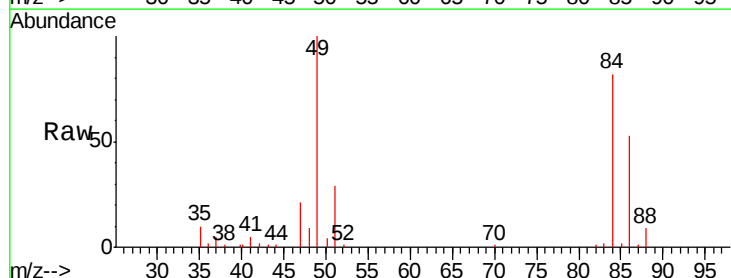
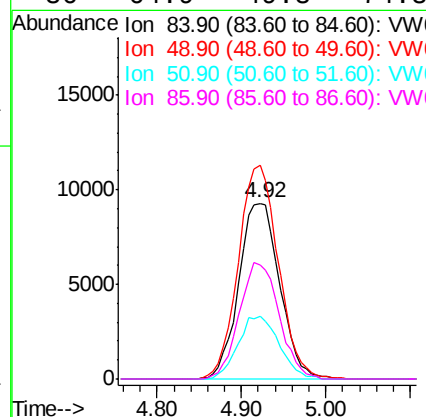
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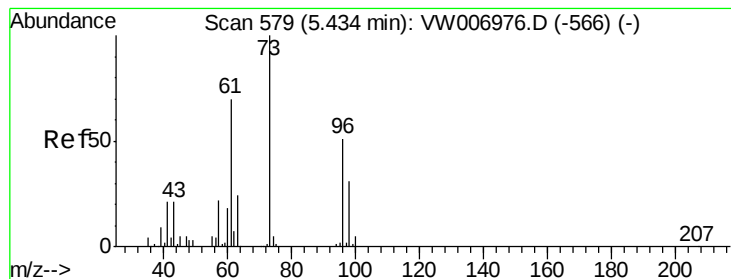
MMDadoda
11/21/2018 11:32:37 AM



#20
Methylene Chloride
Concen: 17.80 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion: 84 Resp: 30588
Ion Ratio Lower Upper
84 100
49 121.4 93.4 140.0
51 35.5 28.4 42.6
86 64.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.38 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 96 Resp: 25932

Ion Ratio Lower Upper

96 100

61 140.5 109.4 164.0

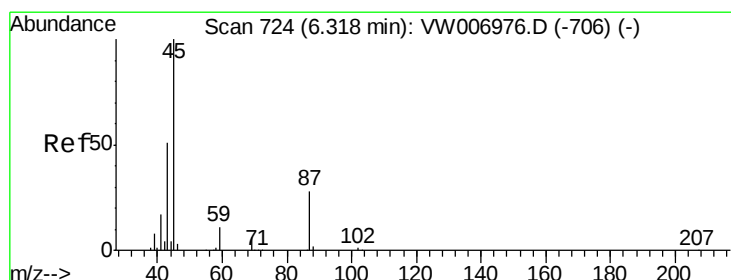
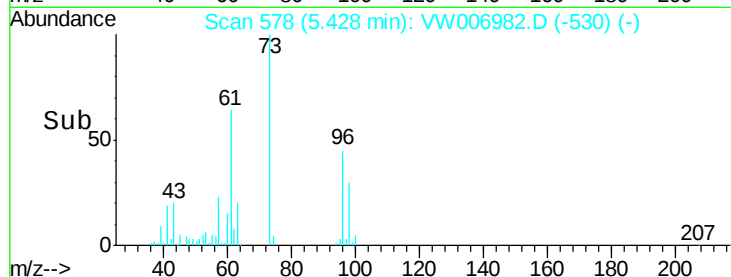
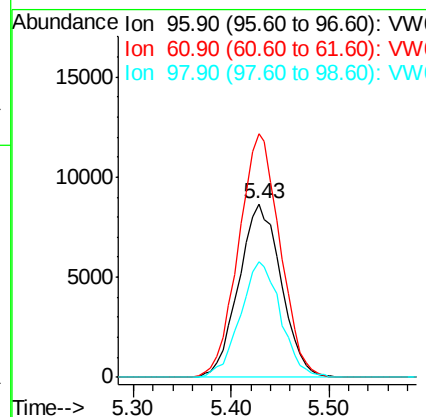
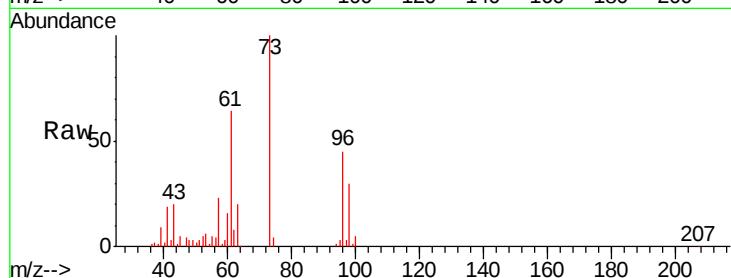
98 66.8 48.3 72.5

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#22

Diisopropyl ether

Concen: 20.34 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Tgt Ion: 45 Resp: 75411

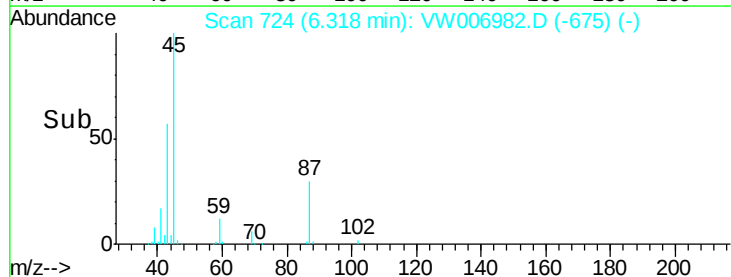
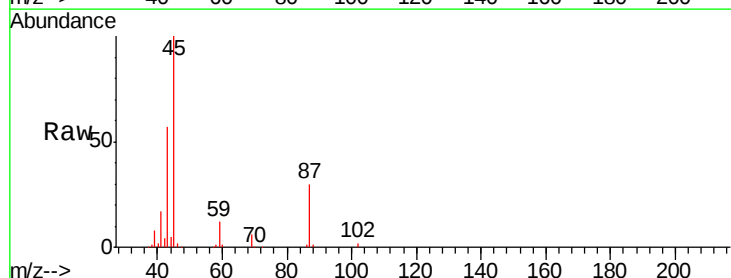
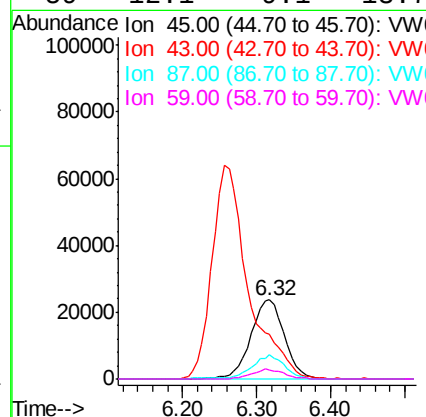
Ion Ratio Lower Upper

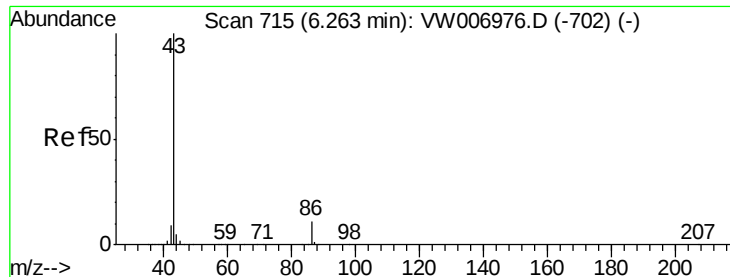
45 100

43 56.0 42.5 63.7

87 30.3 22.8 34.2

59 12.1 9.1 13.7





#23

Vinyl Acetate

Concen: 109.55 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 43 Resp: 215700

Ion Ratio Lower Upper

43 100

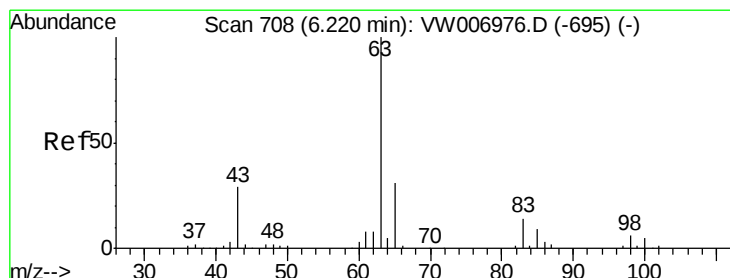
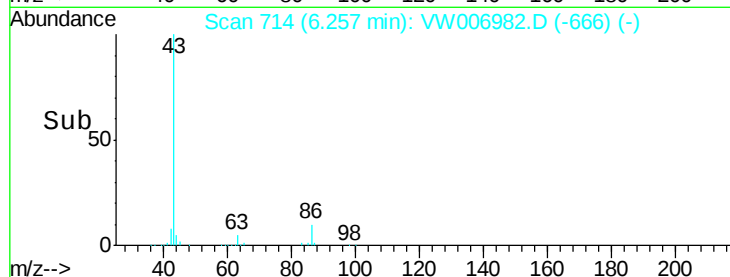
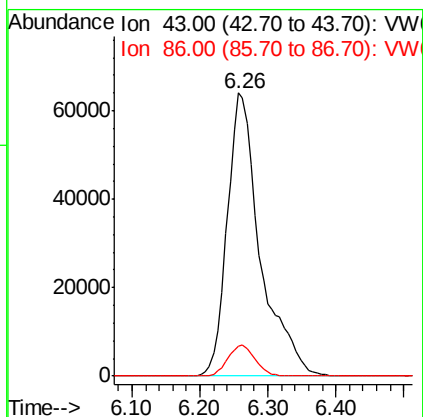
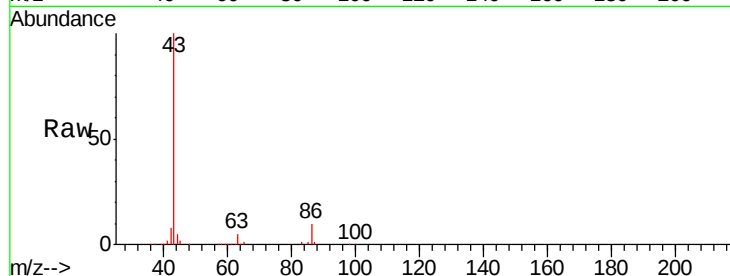
86 10.4 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.31 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

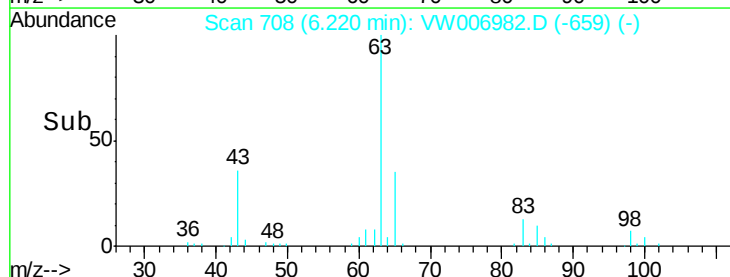
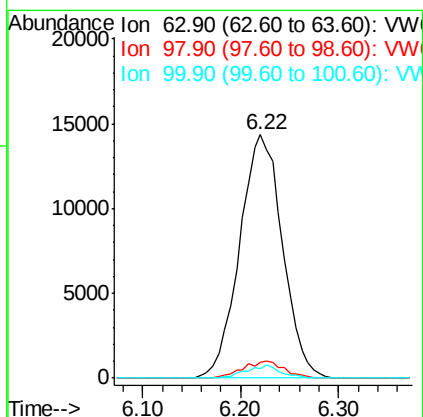
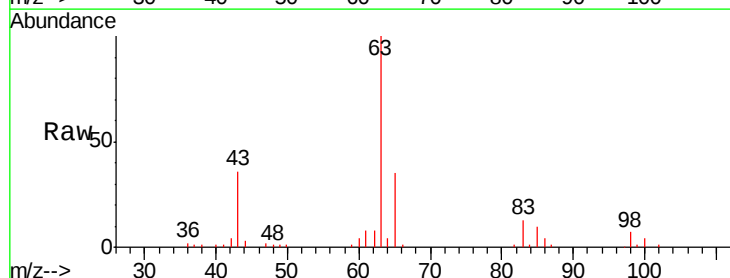
Tgt Ion: 63 Resp: 43553

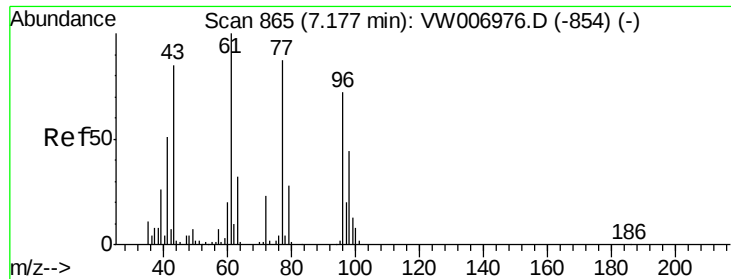
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 4.0 2.3 6.9





#25

2-Butanone

Concen: 109.68 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampled :

VW1121SBS01

Tgt Ion: 43 Resp: 33879

Ion Ratio Lower Upper

43 100

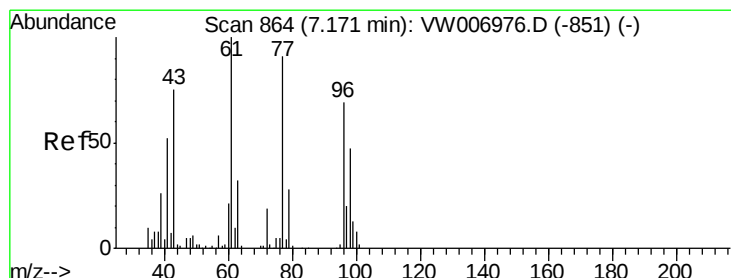
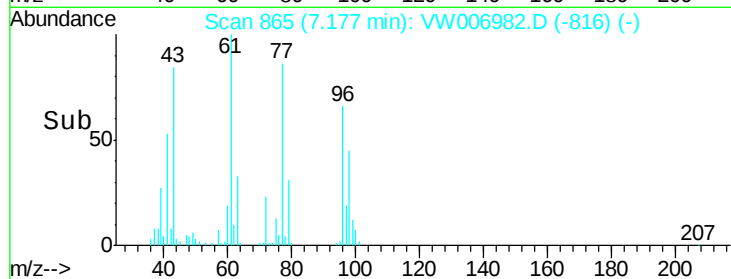
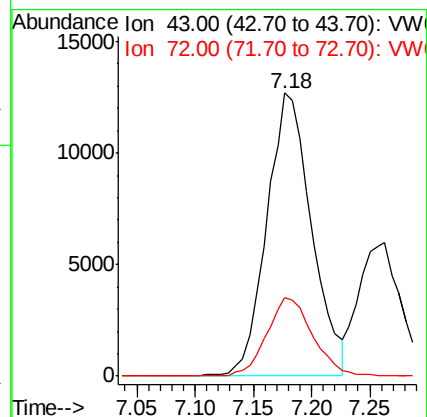
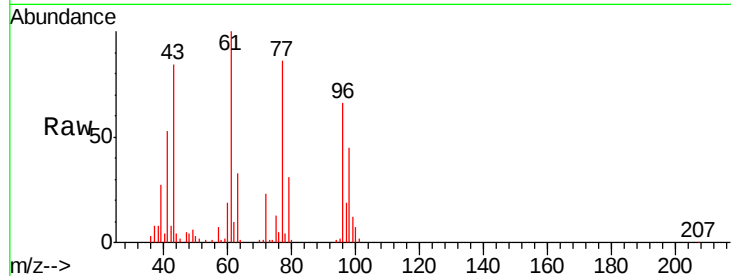
72 27.7 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.35 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006982.D

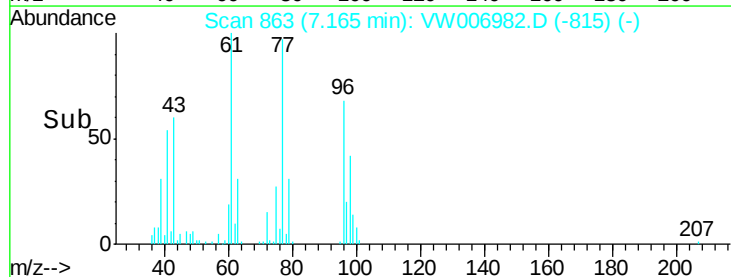
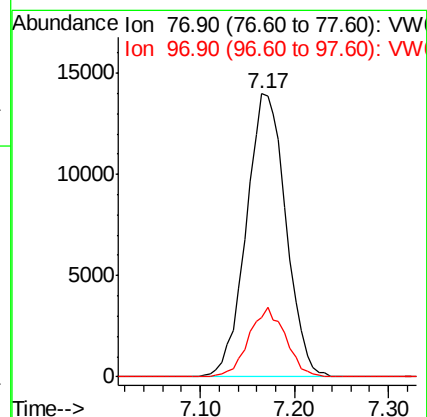
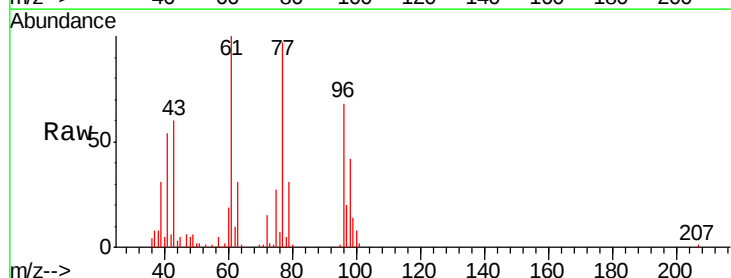
Acq: 20 Nov 2018 18:50

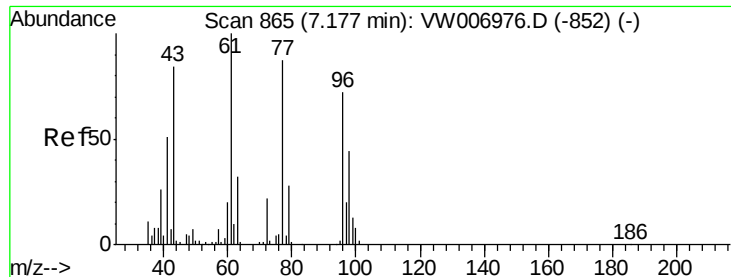
Tgt Ion: 77 Resp: 41268

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

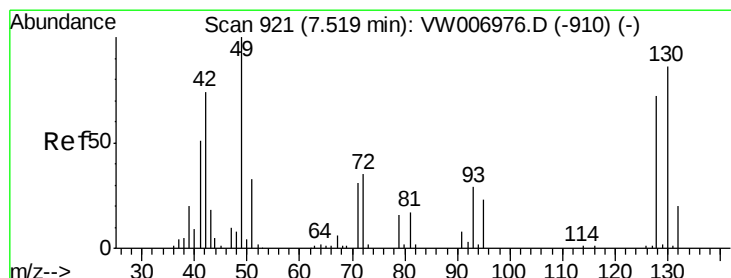
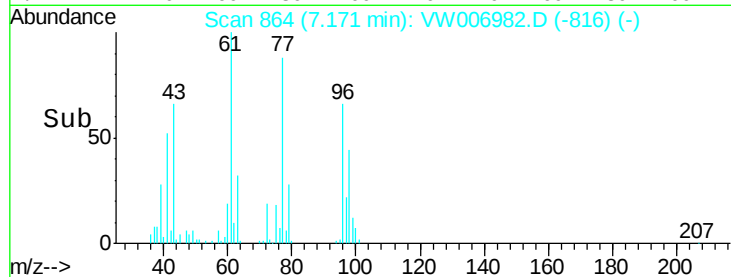
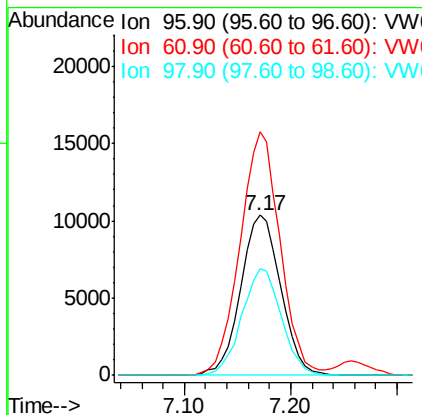
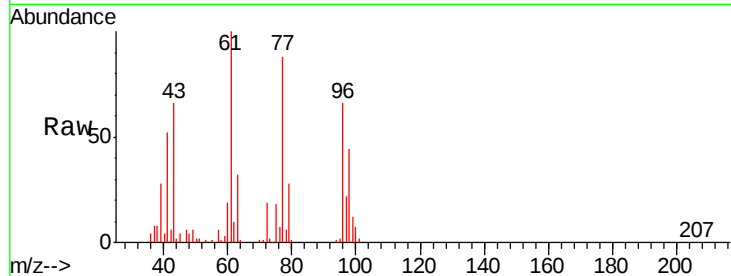
cis-1,2-Dichloroethene
 Concen: 19.20 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	292.6
98	65.6	0.0	129.8

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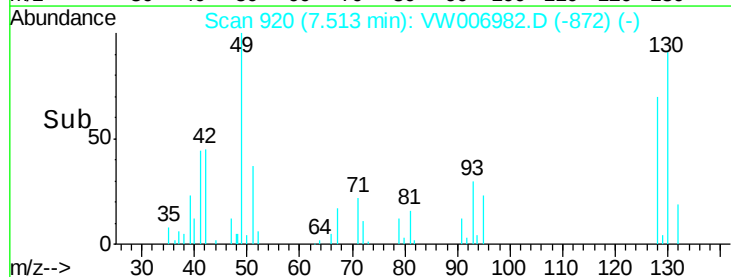
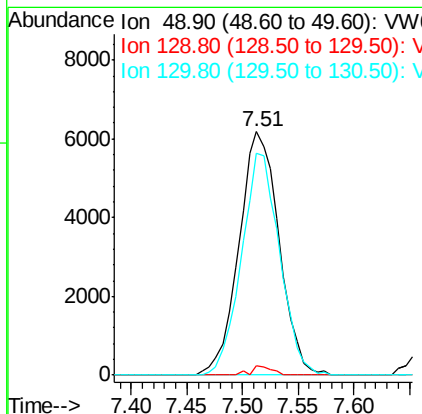
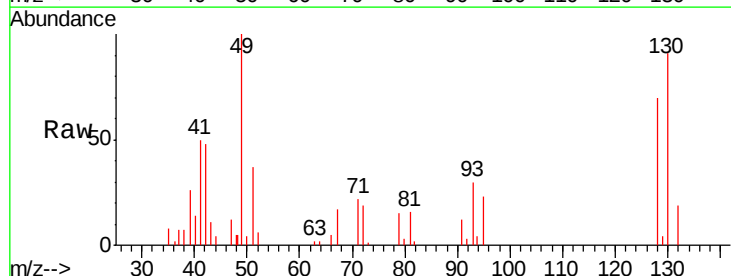
MMDadoda
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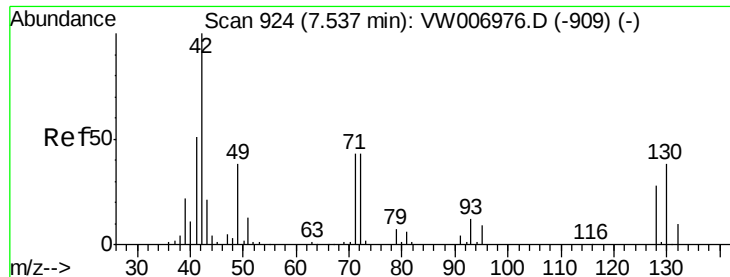


#28

Bromochloromethane
 Concen: 18.35 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.0
130	86.9	69.0	103.4





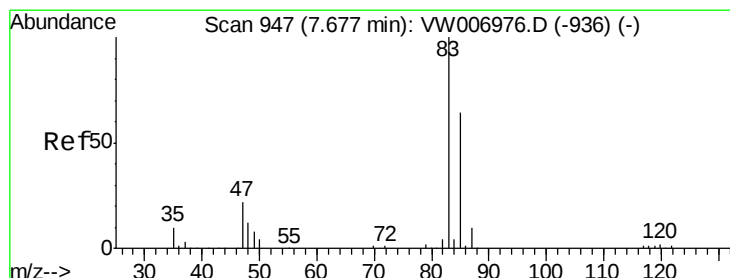
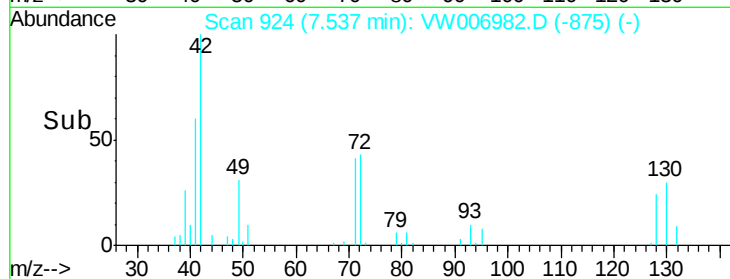
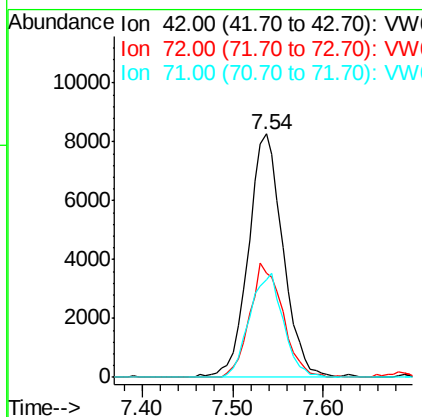
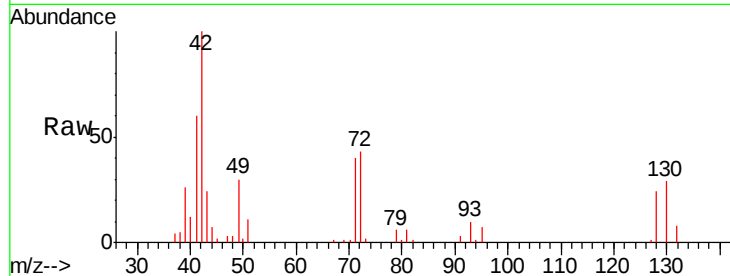
#29
Tetrahydrofuran
Concen: 109.03 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.2	54.4
71	41.6	33.8	50.8

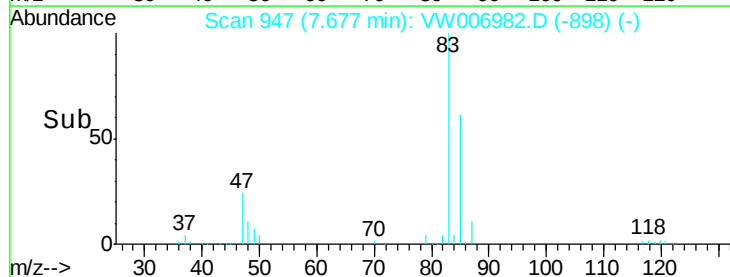
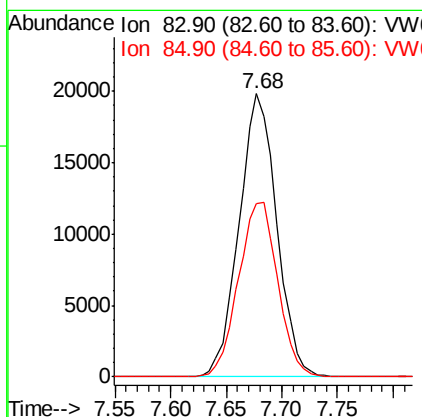
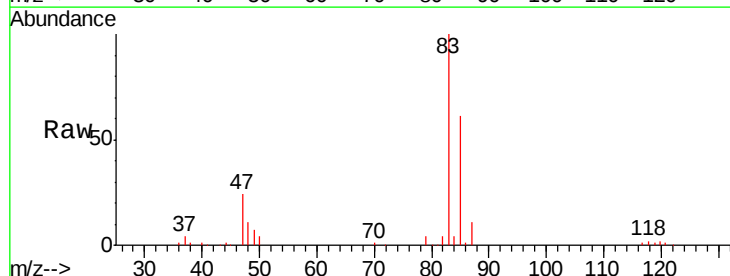
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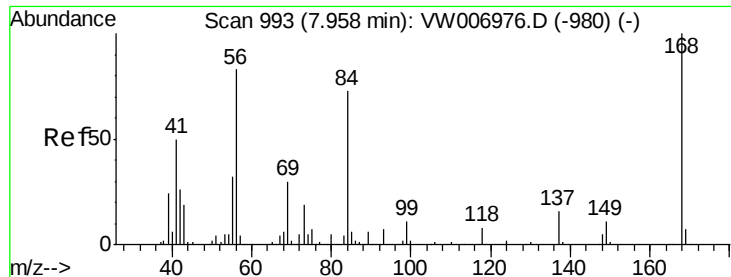
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#30
Chloroform
Concen: 19.38 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.9	76.3





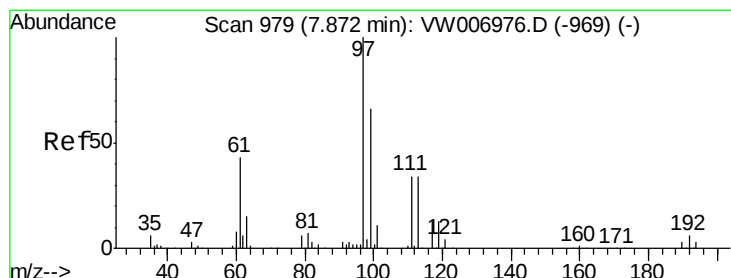
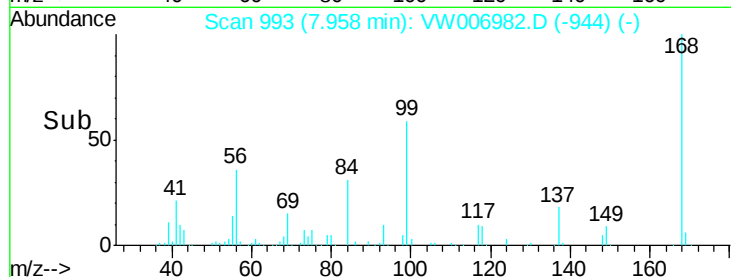
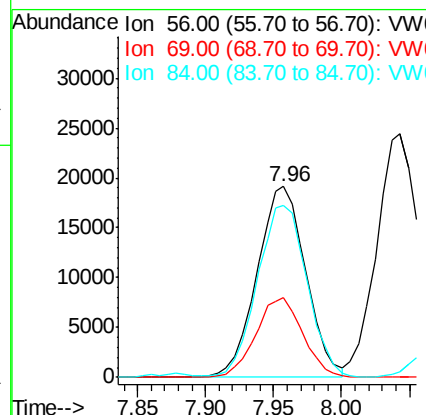
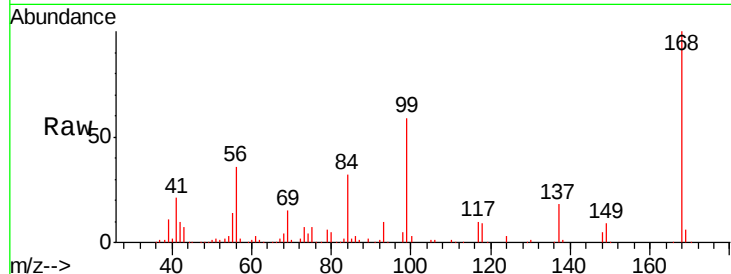
#31
Cyclohexane
Concen: 20.01 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	42.0	29.1	43.7
84	88.6	70.6	105.8

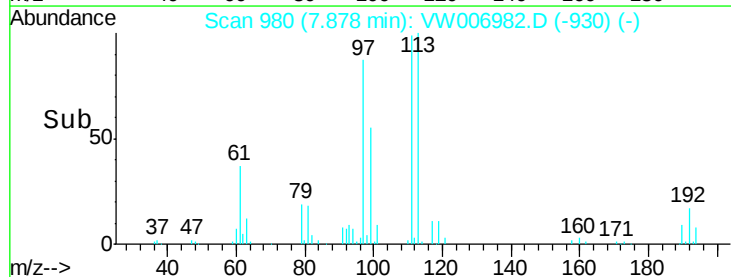
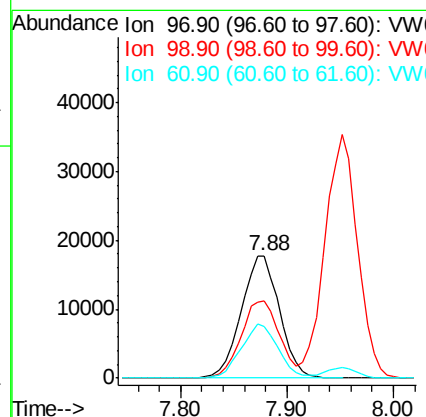
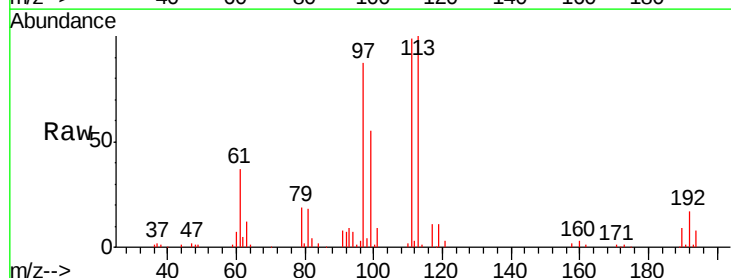
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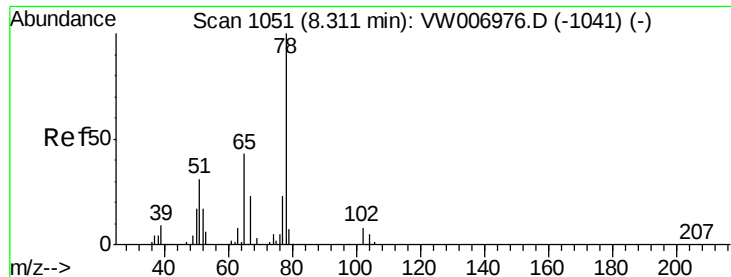
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#32
1,1,1-Trichloroethane
Concen: 20.64 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	42.9	33.4	50.2





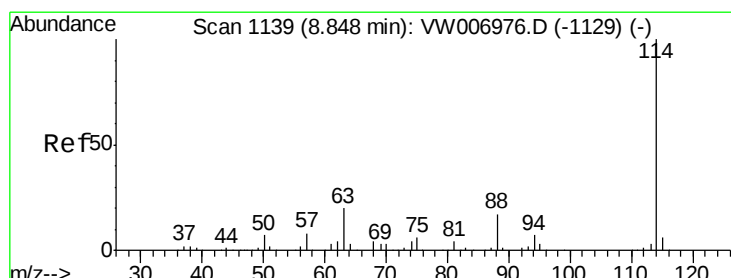
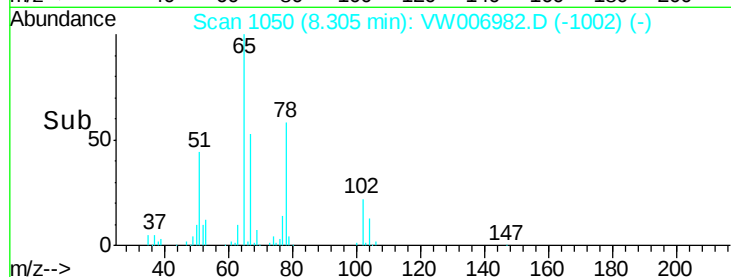
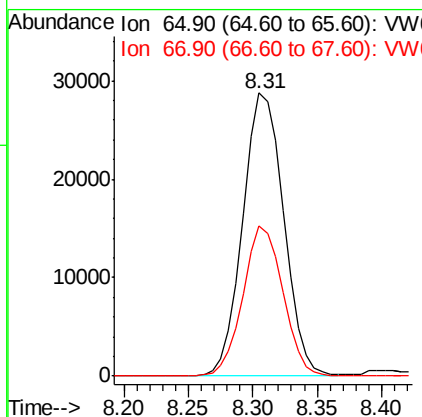
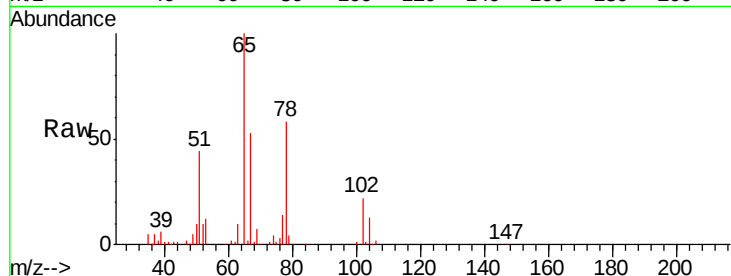
#33
 1,2-Dichloroethane-d4
 Concen: 51.03 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion: 65 Resp: 63387
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.2

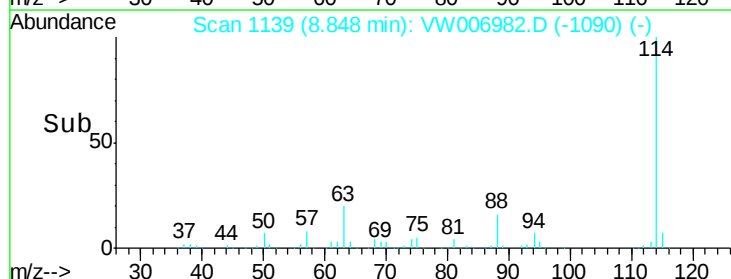
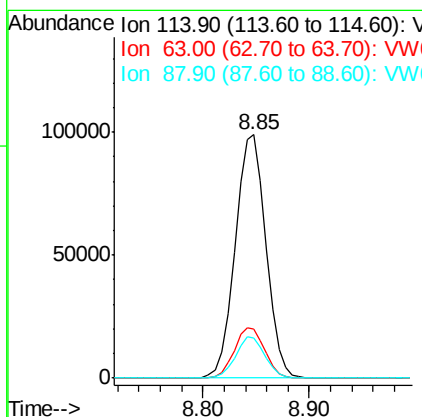
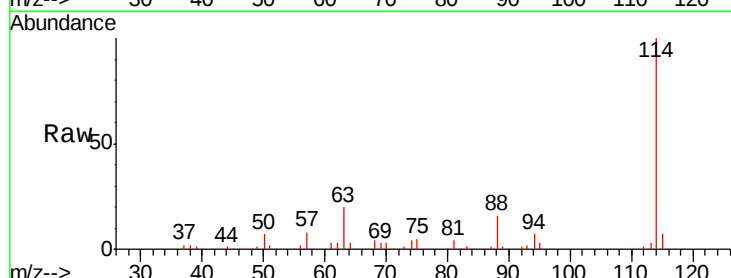
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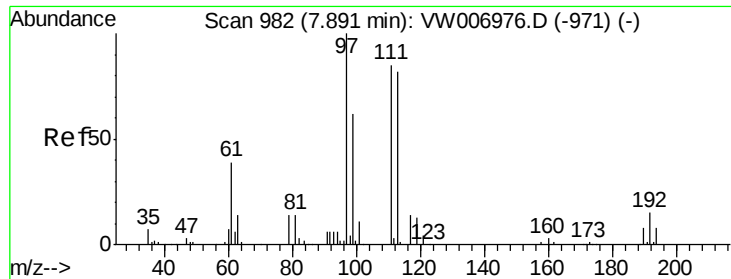
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion: 114 Resp: 200065
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.90 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

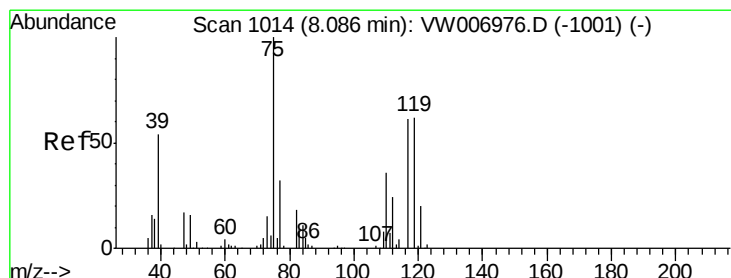
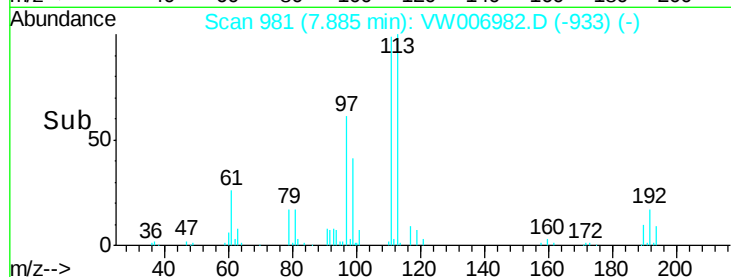
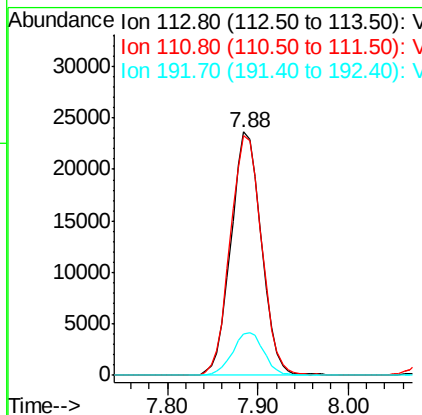
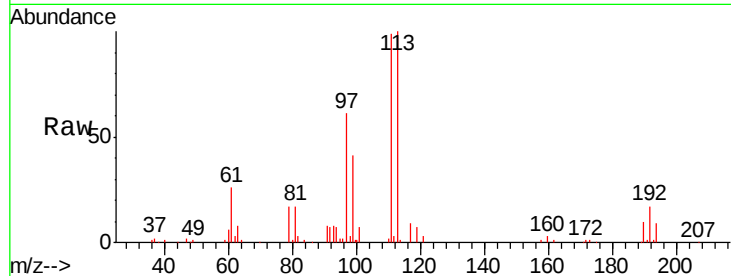
ClientSampleId :

VW1121SBS01

Tgt Ion:	113	Resp:	55246
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.0	121.6
192	17.9	15.0	22.6

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#36

1,1-Dichloropropene

Concen: 20.36 ug/l

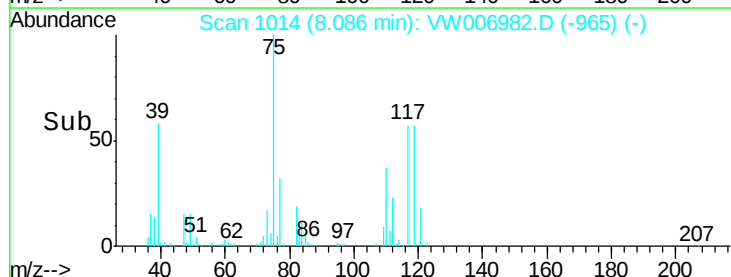
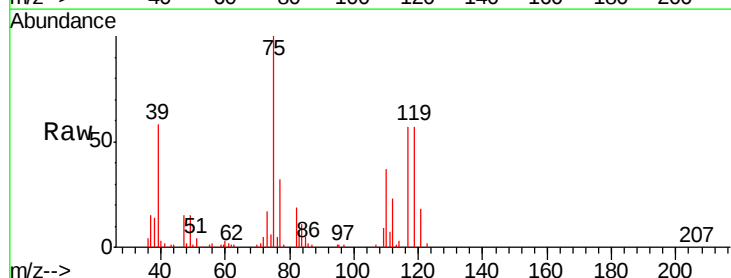
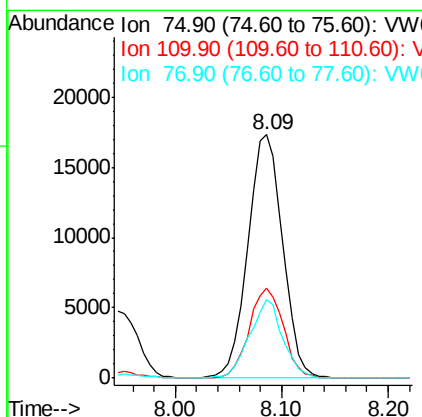
RT: 8.09 min Scan# 1014

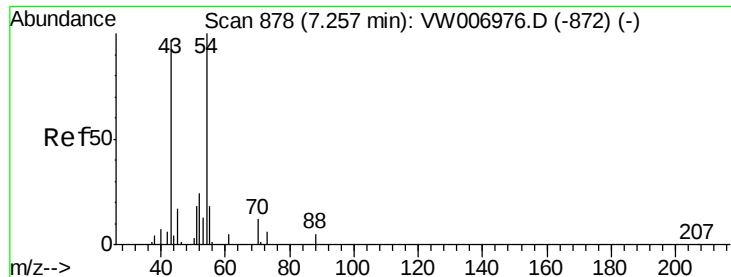
Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Tgt Ion:	75	Resp:	39806
Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.0	54.0
77	30.6	24.9	37.3





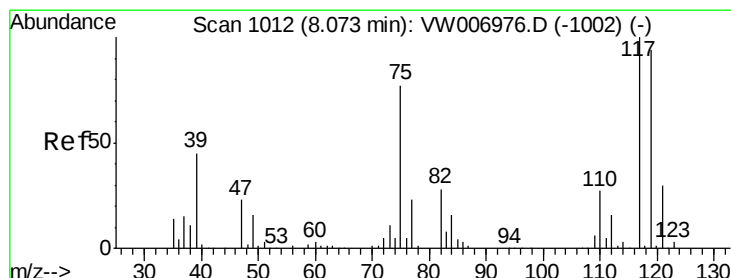
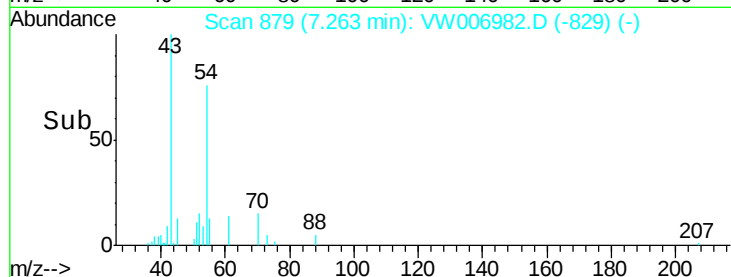
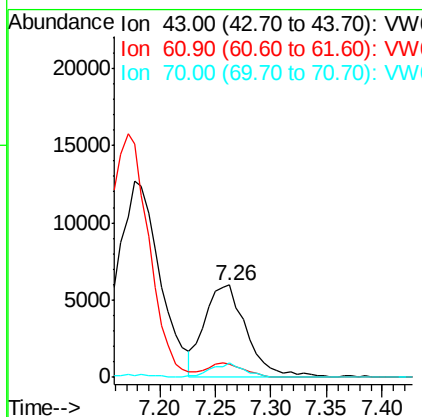
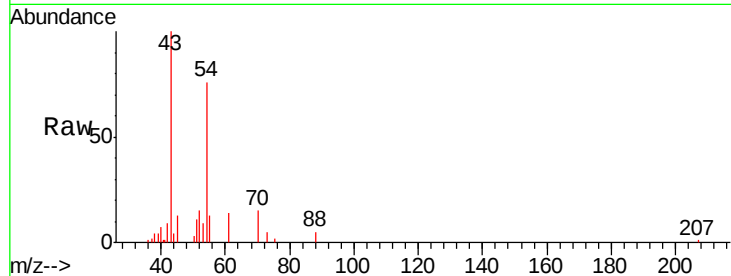
#37
Ethyl Acetate
Concen: 22.25 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 43 Resp: 15763
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 11.8 8.8 13.2

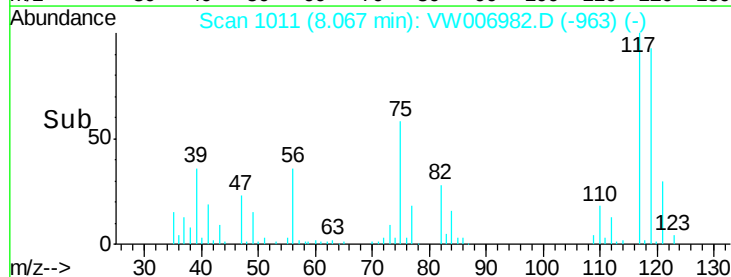
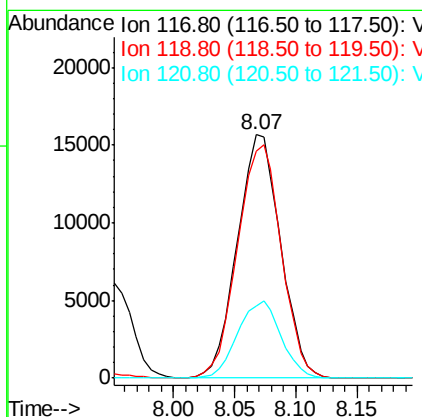
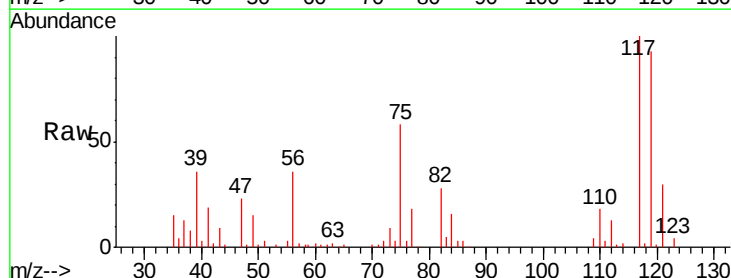
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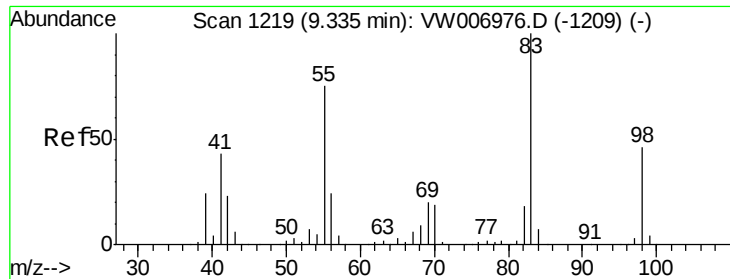
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#38
Carbon Tetrachloride
Concen: 20.55 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion: 117 Resp: 38473
Ion Ratio Lower Upper
117 100
119 93.5 74.9 112.3
121 29.9 23.6 35.4





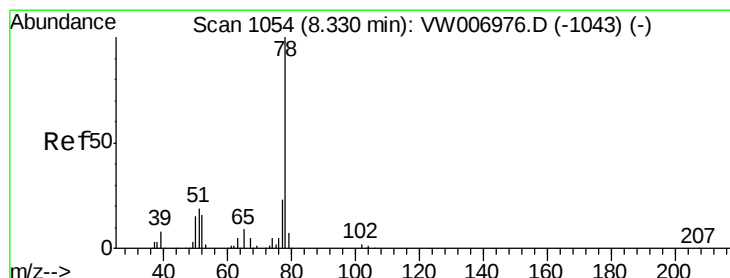
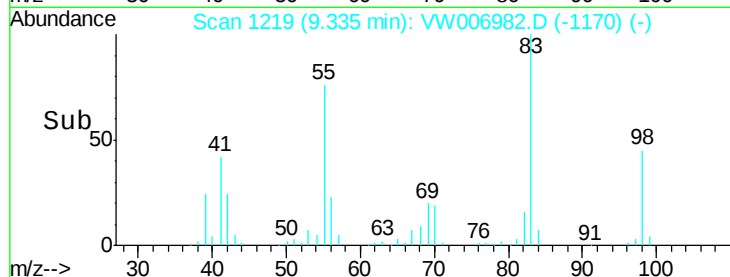
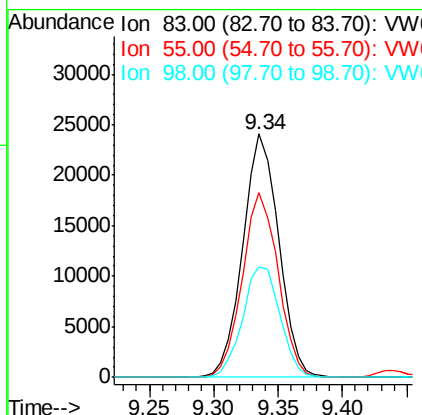
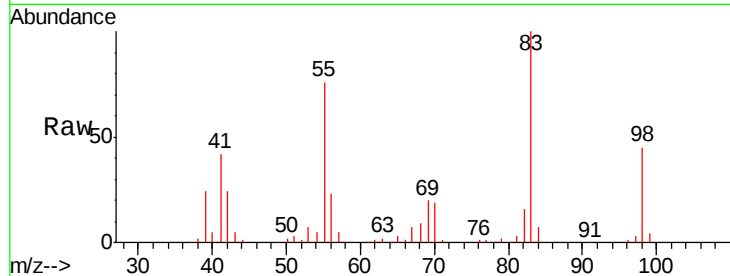
#39
Methylcyclohexane
Concen: 19.05 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.6	59.6	89.4
98	45.5	37.1	55.7

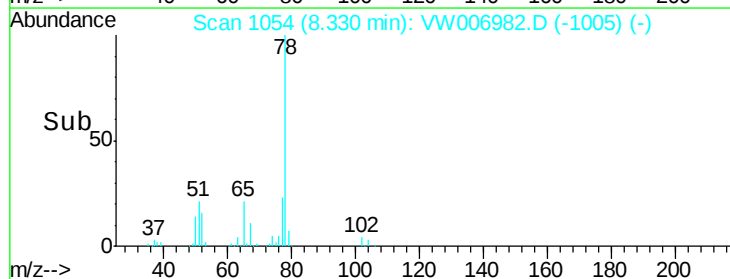
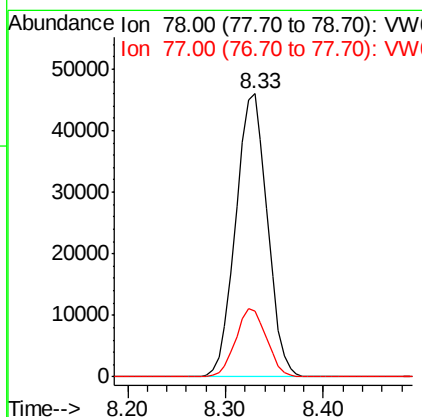
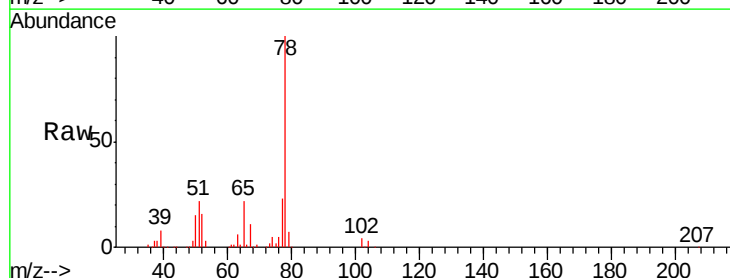
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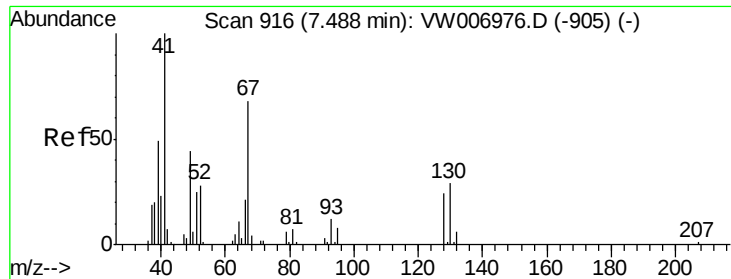
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#40
Benzene
Concen: 19.56 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





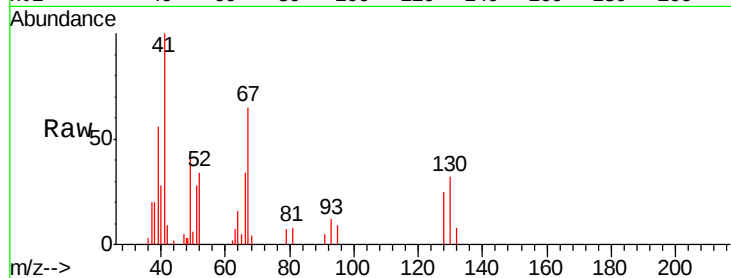
#41
Methacrylonitrile
Concen: 20.04 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

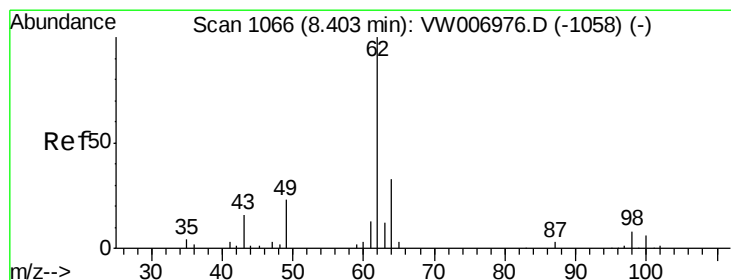
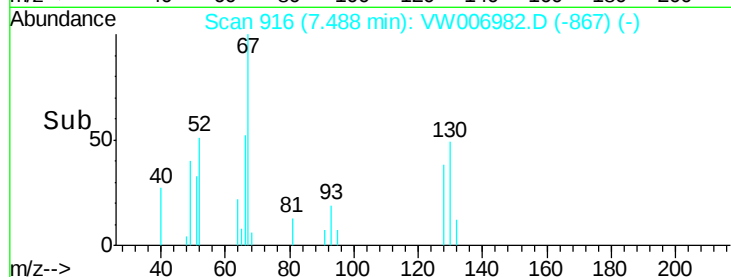
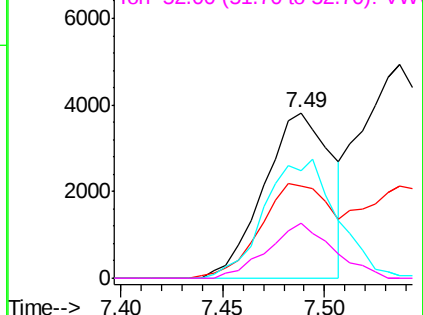
Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.2	48.6	73.0
67	77.3	59.8	89.8
52	32.1	24.8	37.2

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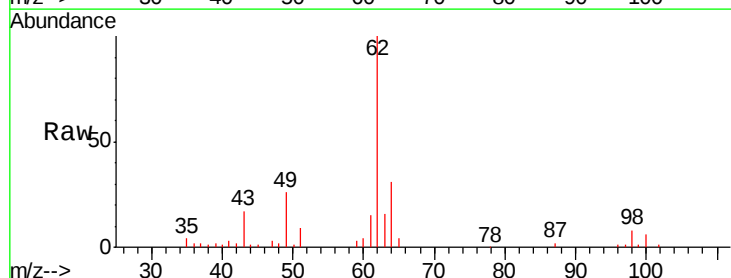


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

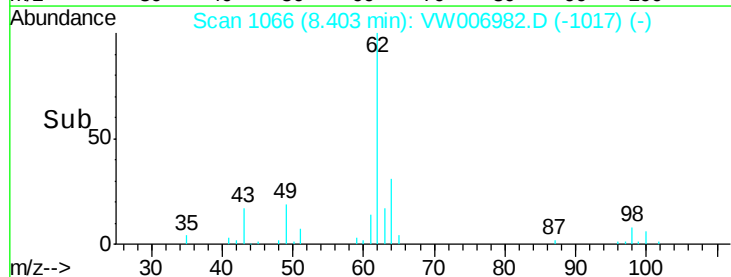
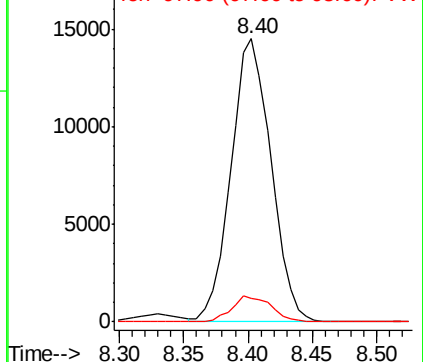


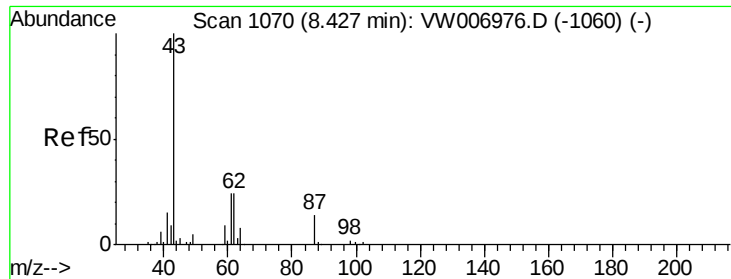
#42
1,2-Dichloroethane
Concen: 20.51 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.76 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

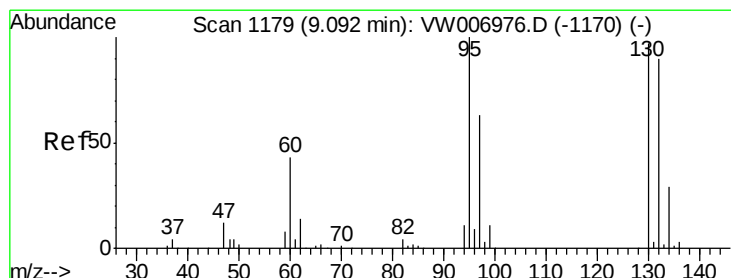
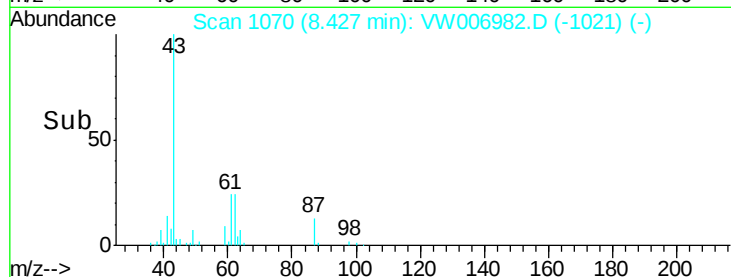
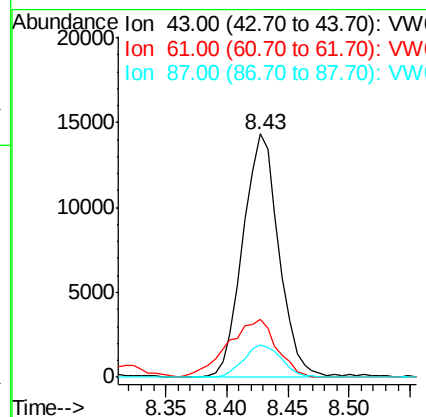
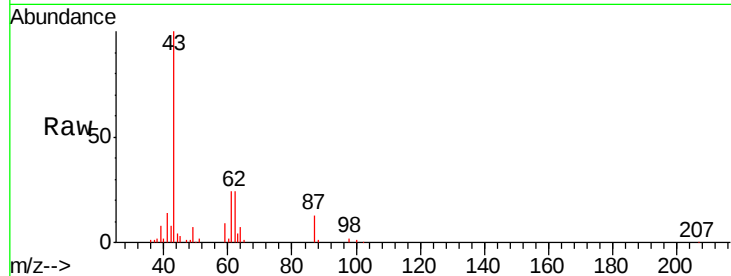
ClientSampleId :

VW1121SBS01

Tgt Ion:	43	Resp:	29383
Ion	Ratio	Lower	Upper
43	100		
61	32.1	26.1	39.1
87	13.9	11.2	16.8

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#44

Trichloroethene

Concen: 19.99 ug/l

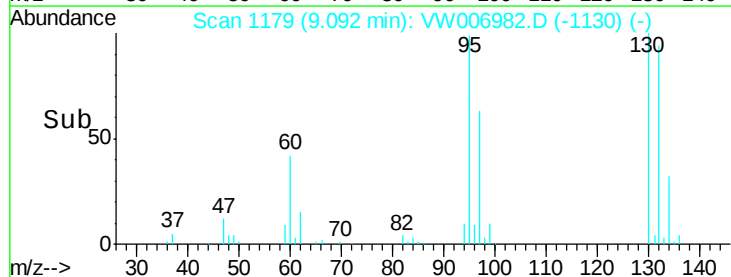
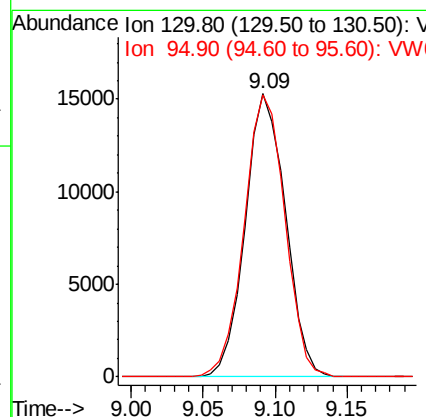
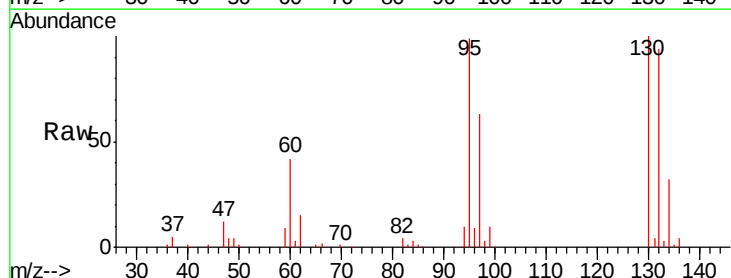
RT: 9.09 min Scan# 1179

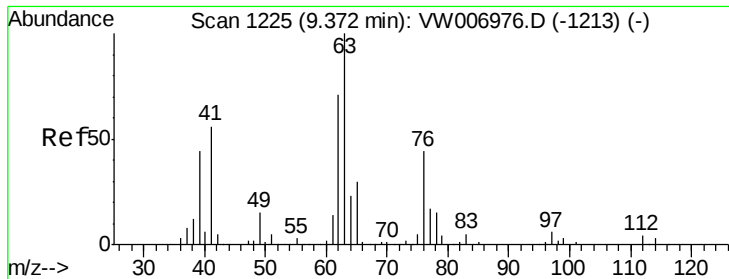
Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Tgt Ion:	130	Resp:	29567
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	206.4





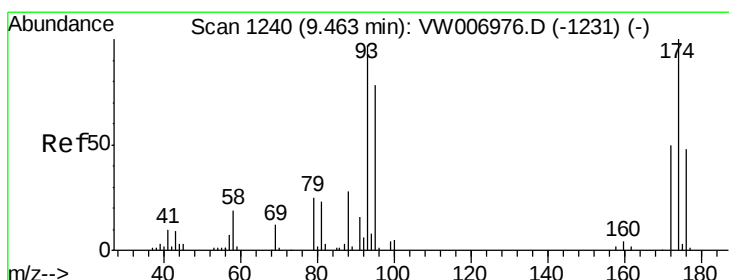
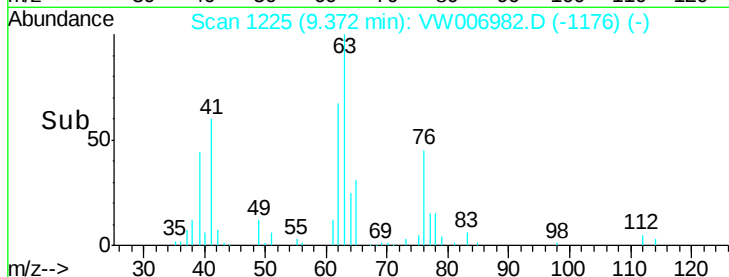
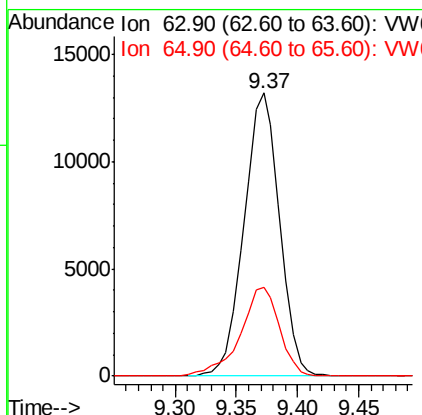
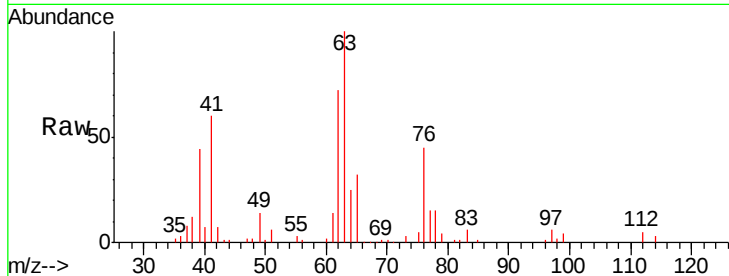
#45
 1,2-Dichloropropane
 Concen: 20.47 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion: 63 Resp: 26631
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6

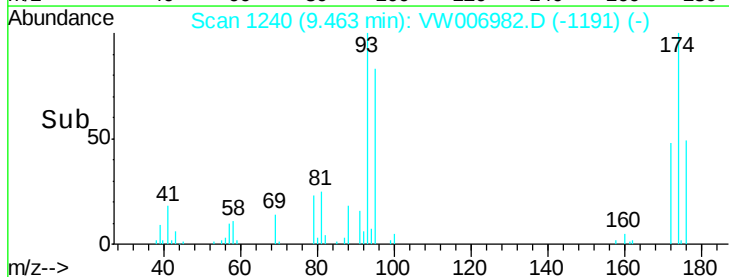
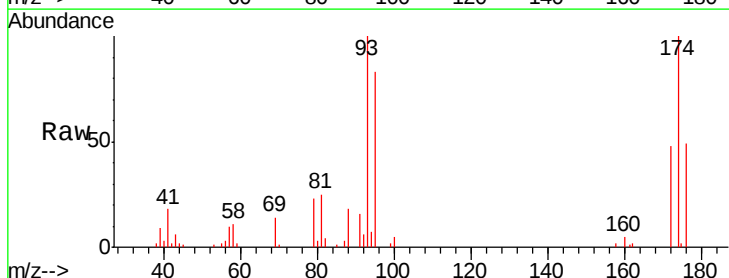
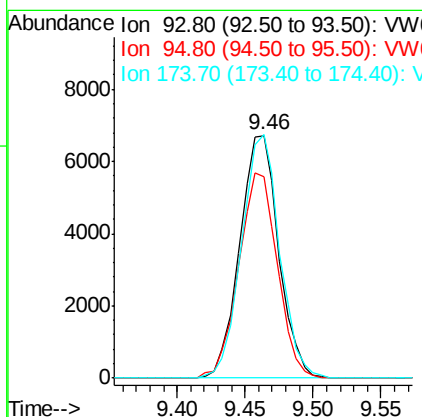
Manual Integrations
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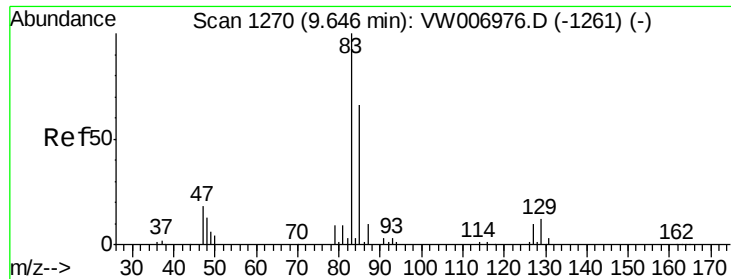
MMDadoda
 11/21/2018 11:32:37 AM



#46
 Dibromomethane
 Concen: 20.65 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion: 93 Resp: 13453
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.1 99.1
 174 98.2 79.7 119.5





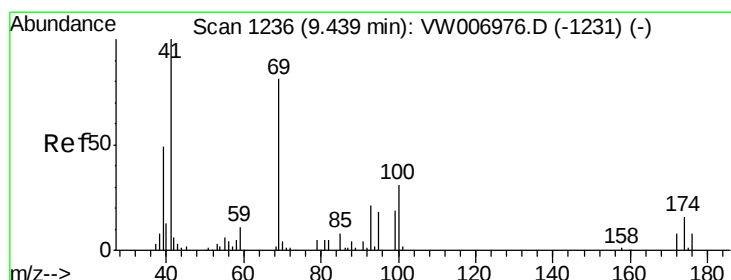
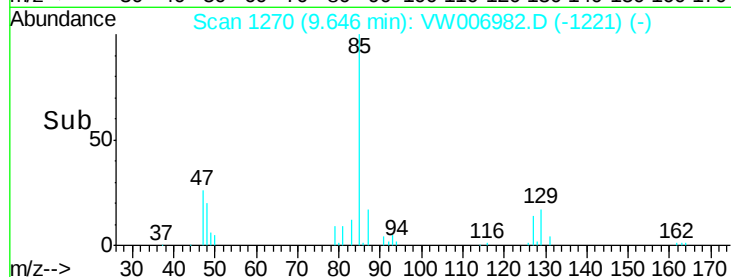
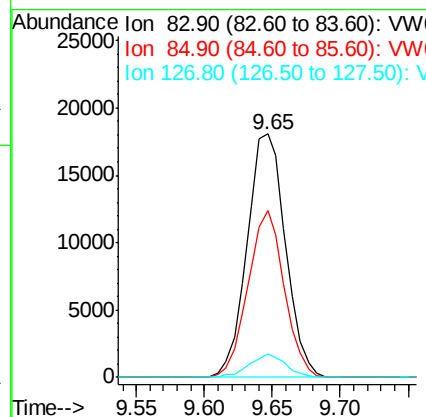
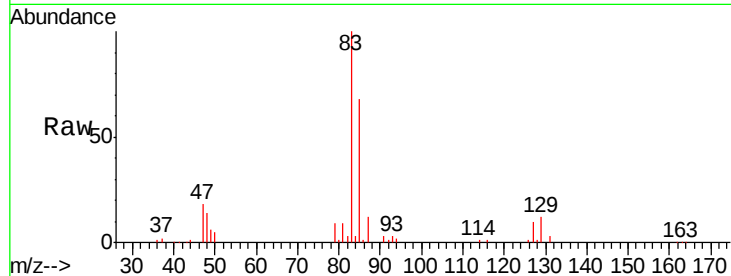
#47
Bromodichloromethane
Concen: 20.82 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	52.9	79.3
127	9.6	7.8	11.6

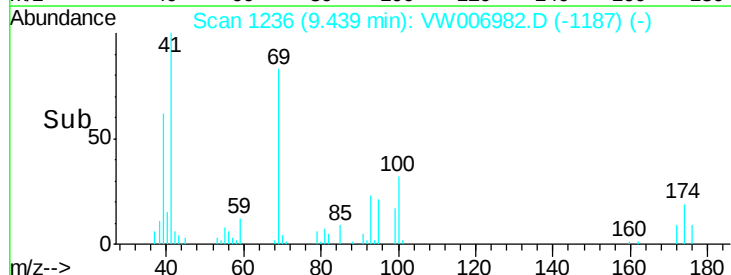
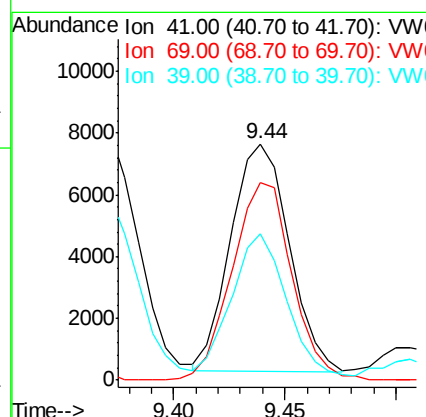
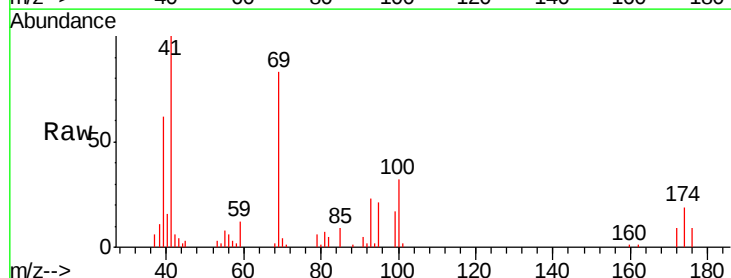
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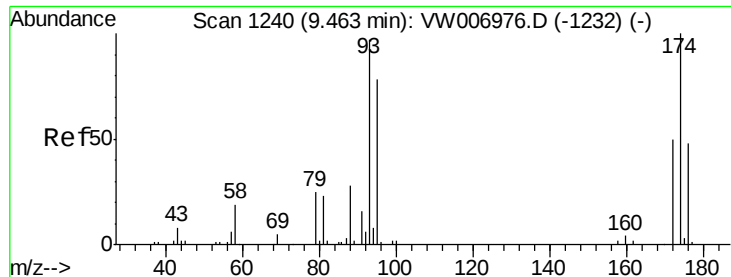
MMDadoda
11/21/2018 11:32:37 AM



#48
Methyl methacrylate
Concen: 20.63 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.7	71.4	107.0
39	62.8	44.8	67.2





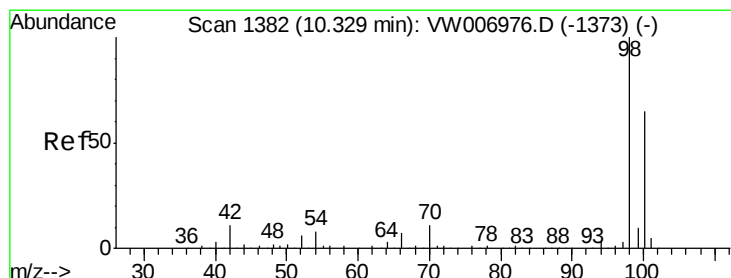
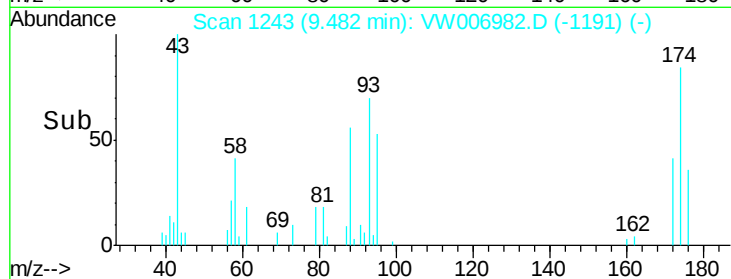
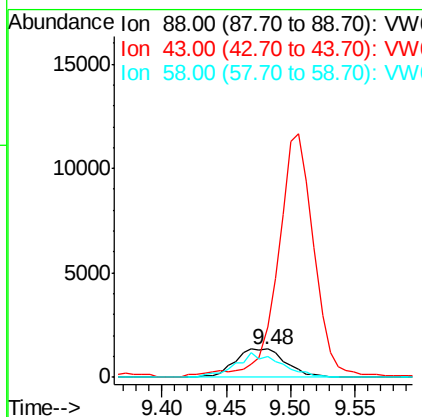
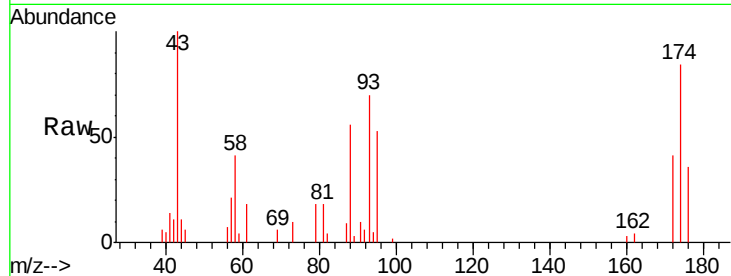
#49
1,4-Dioxane
Concen: 385.63 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.0	59.0	88.6

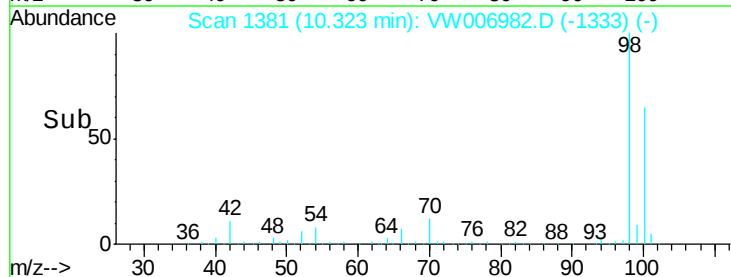
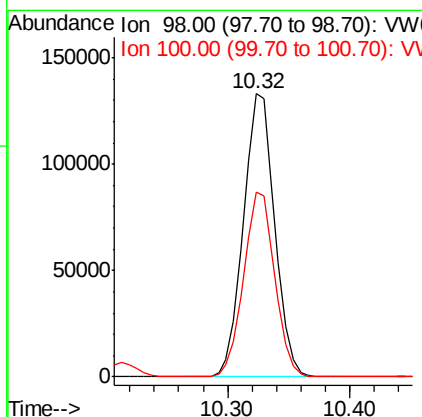
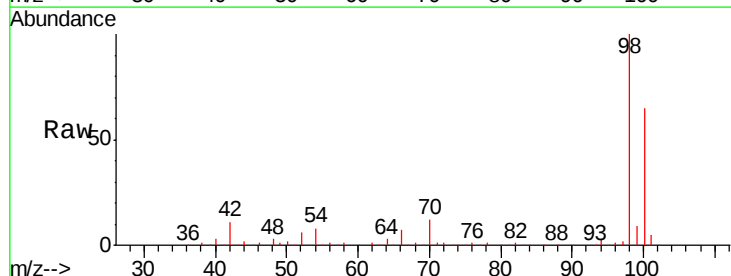
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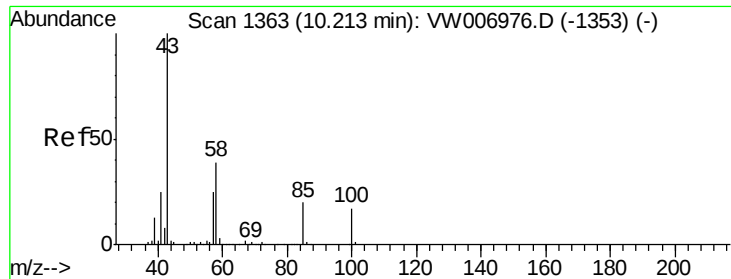
MMDadoda
11/21/2018 11:32:37 AM



#50
Toluene-d8
Concen: 47.37 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





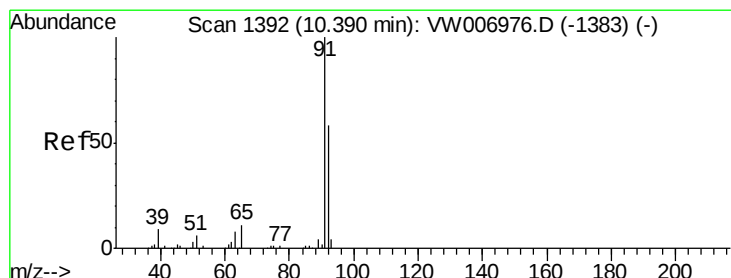
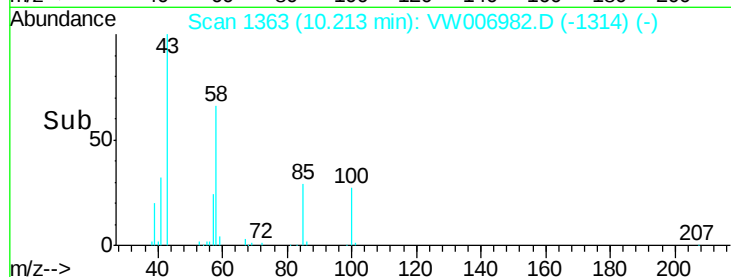
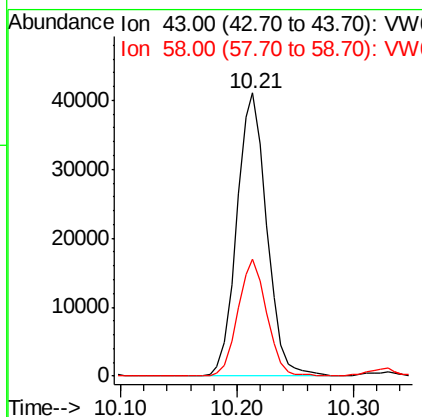
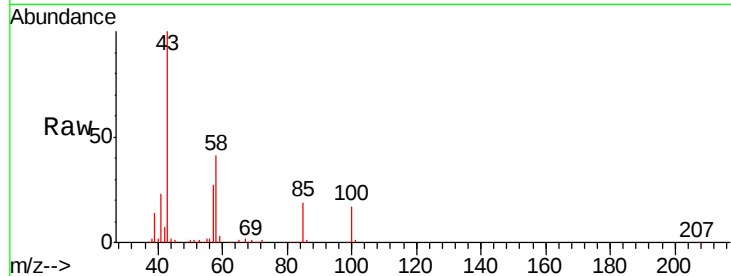
#51
 4-Methyl-2-Pentanone
 Concen: 108.04 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion: 43 Resp: 73715
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.8 47.6

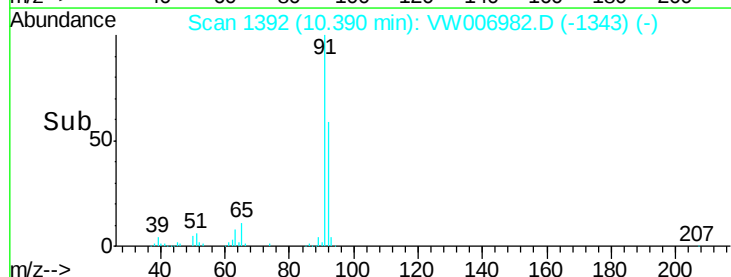
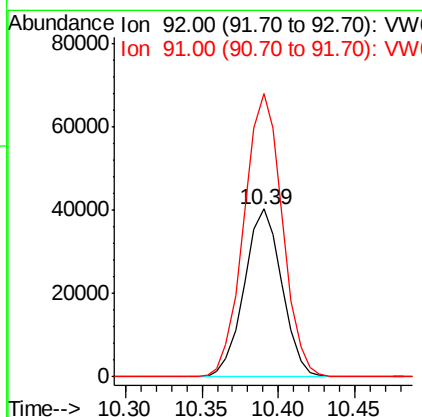
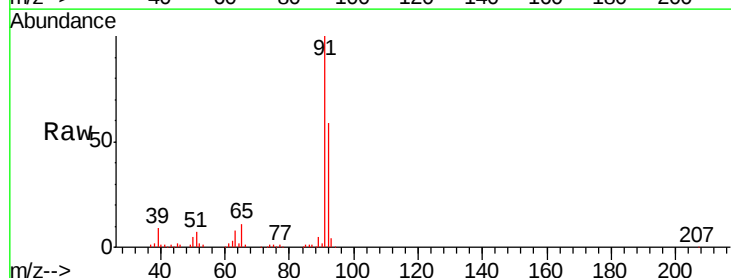
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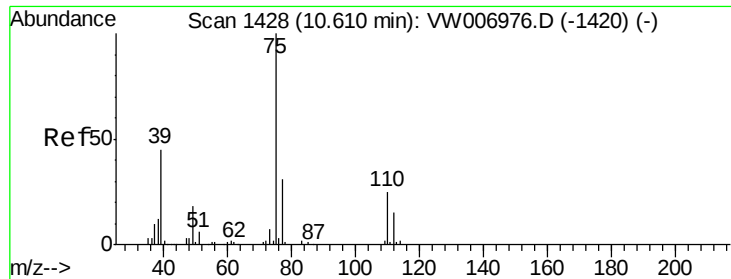
MMDadoda
 11/21/2018 11:32:37 AM



#52
 Toluene
 Concen: 19.16 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion: 92 Resp: 68805
 Ion Ratio Lower Upper
 92 100
 91 172.1 137.3 205.9





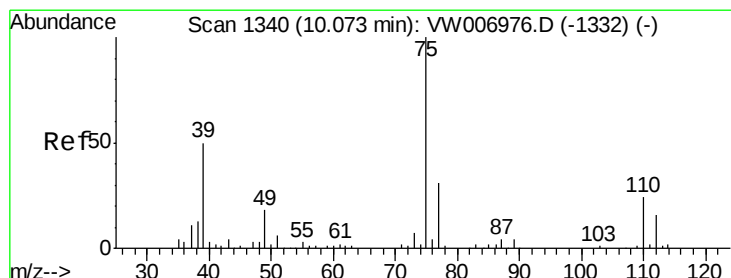
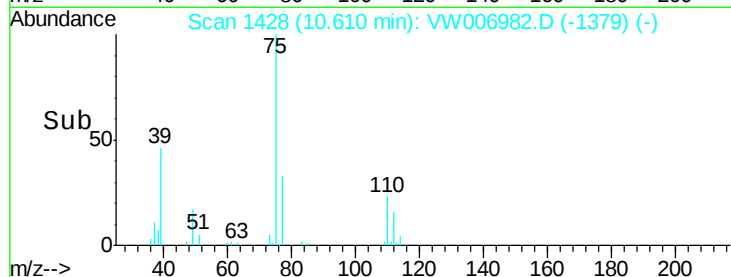
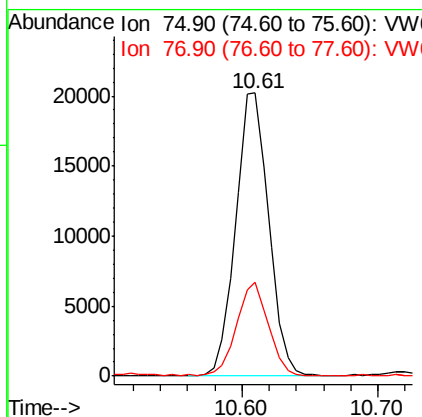
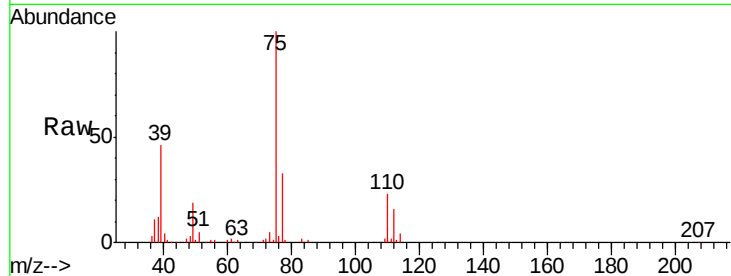
#53
 t-1,3-Dichloropropene
 Concen: 20.61 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion: 75 Resp: 34261
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.7 37.1

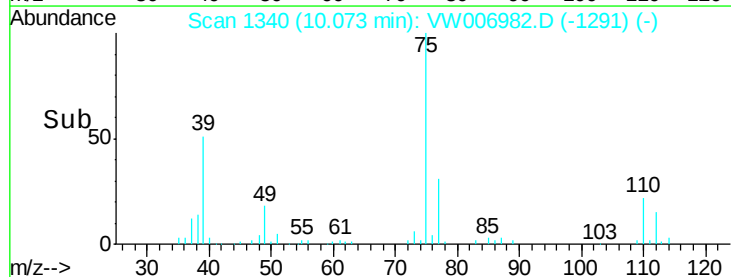
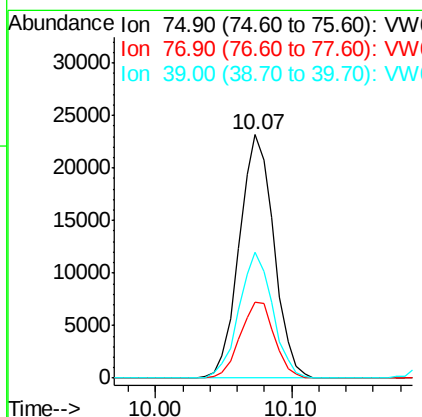
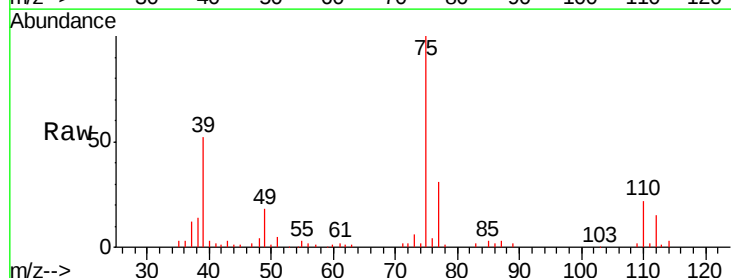
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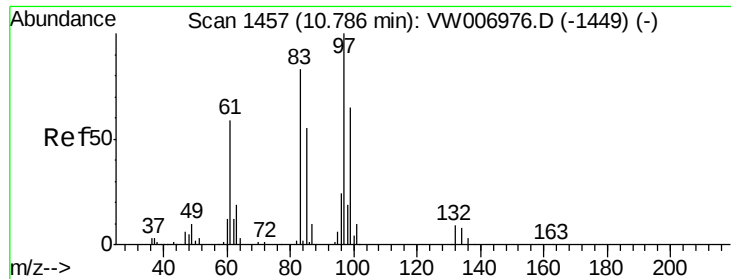
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 20.46 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion: 75 Resp: 41094
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 51.7 39.9 59.9





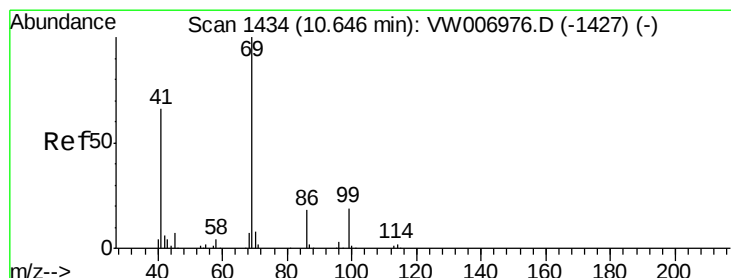
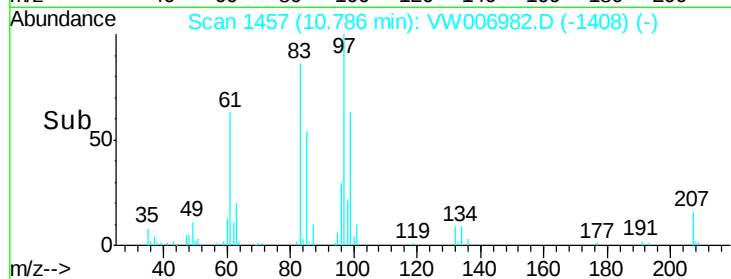
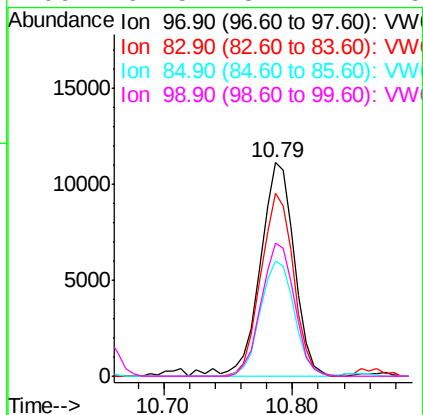
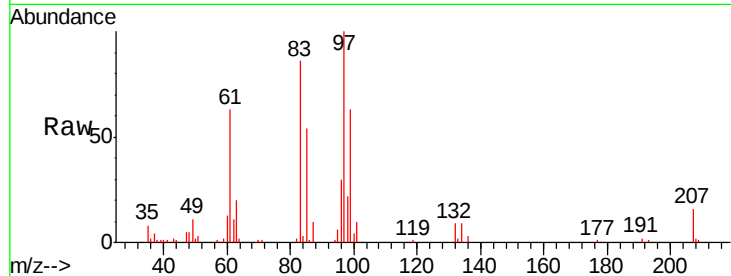
#55
 1,1,2-Trichloroethane
 Concen: 21.33 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.4	99.6
85	54.1	44.1	66.1
99	62.5	51.7	77.5

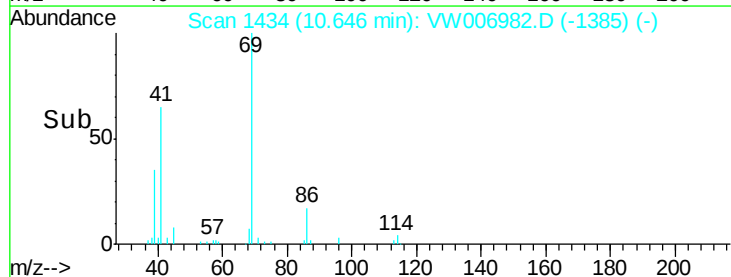
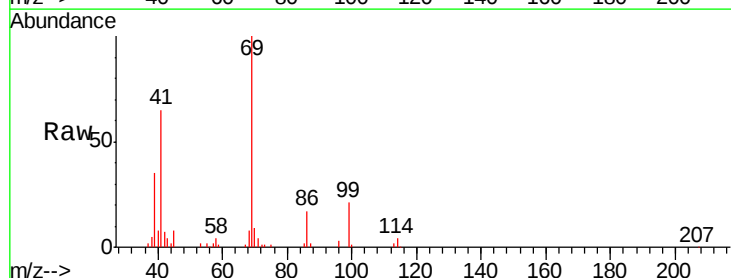
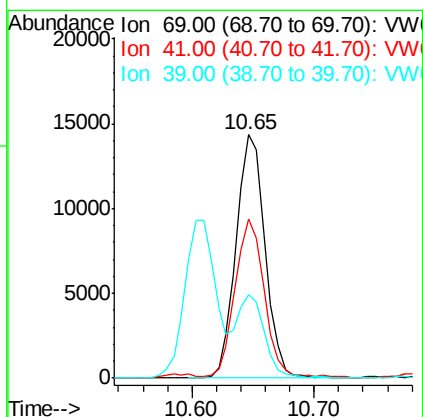
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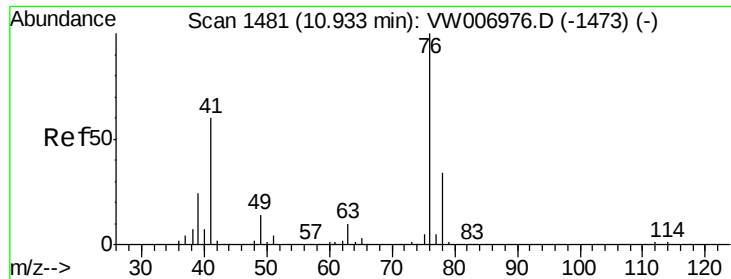
MMDadoda
 11/21/2018 11:32:37 AM



#56
 Ethyl methacrylate
 Concen: 21.08 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	53.4	80.0
39	34.0	28.2	42.4





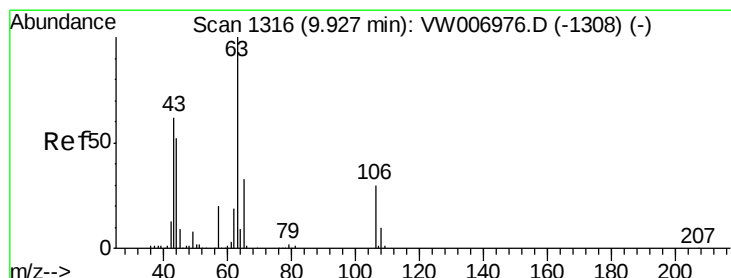
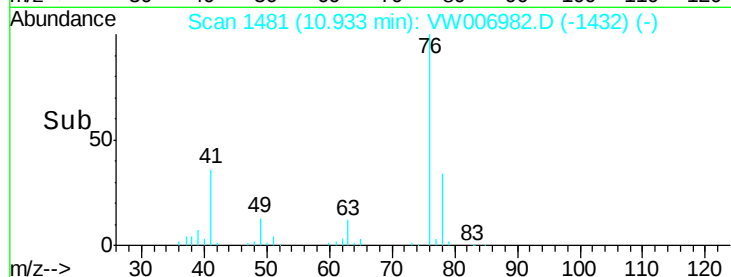
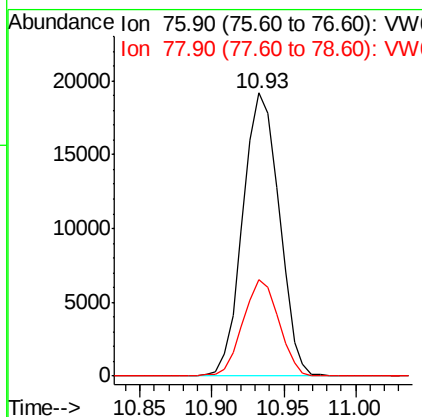
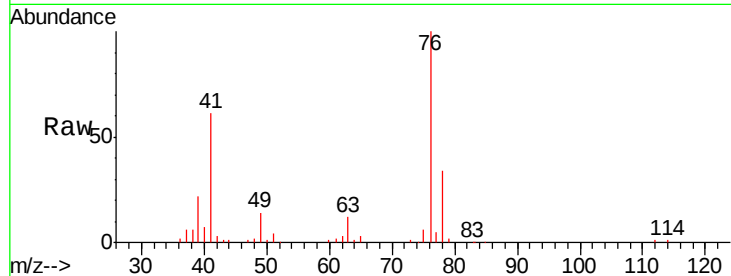
#57
 1,3-Dichloropropane
 Concen: 20.93 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion: 76 Resp: 33621
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.8 38.6

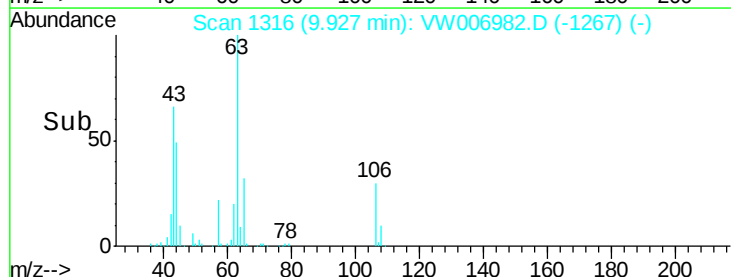
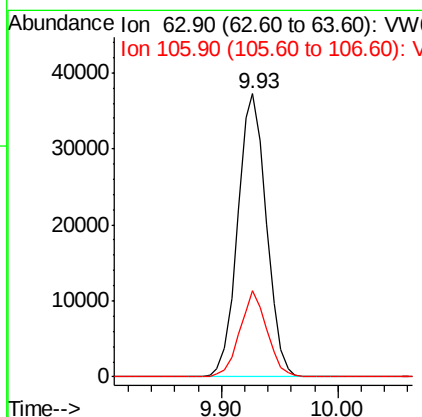
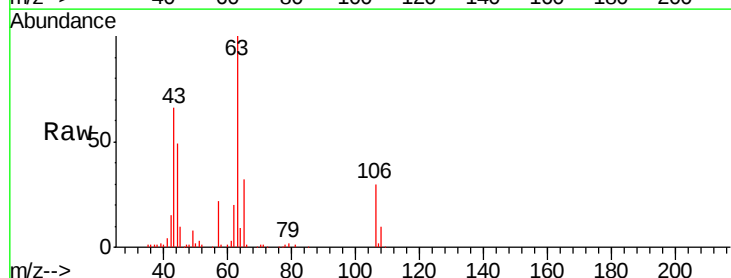
Manual Integrations
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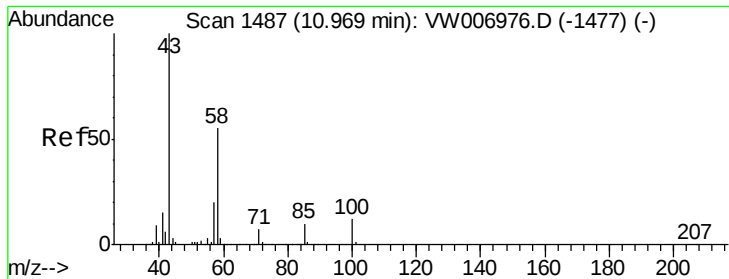
MMDadoda
 11/21/2018 11:32:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.09 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion: 63 Resp: 64007
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.5 35.3





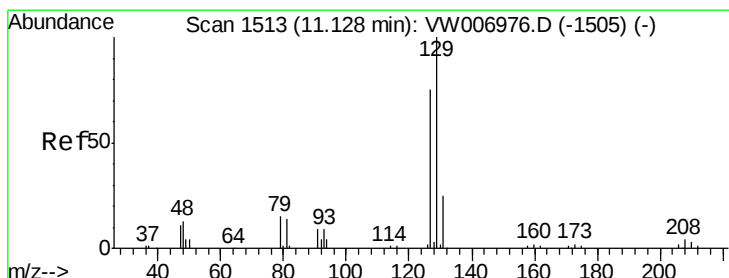
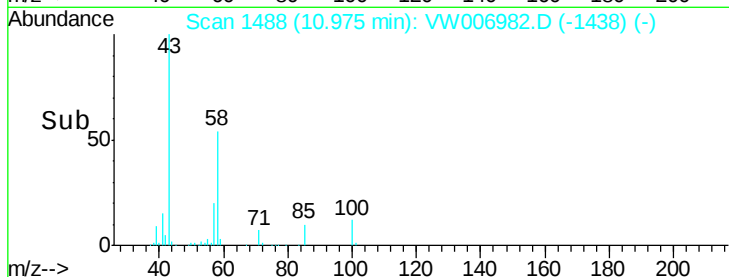
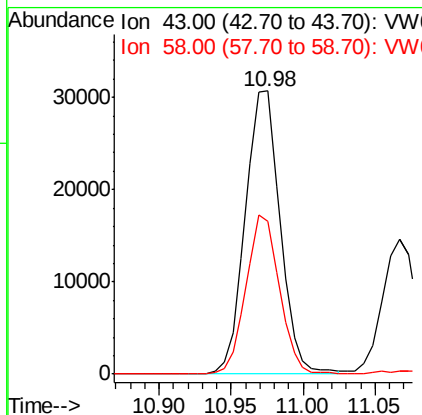
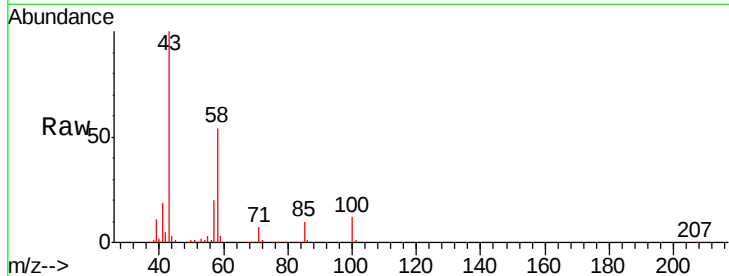
#59
2-Hexanone
Concen: 110.23 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 43 Resp: 51501
Ion Ratio Lower Upper
43 100
58 53.8 27.3 81.8

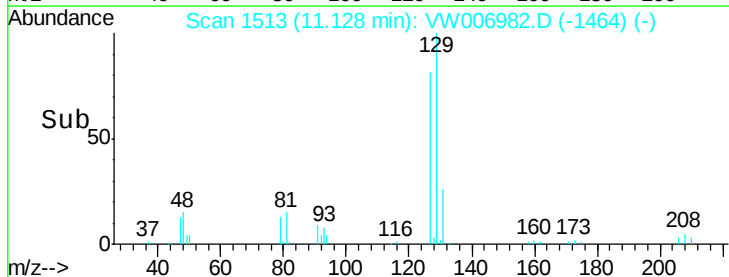
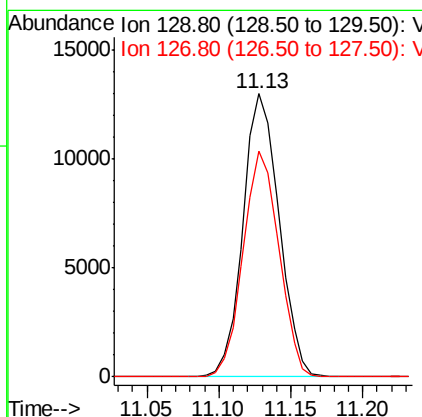
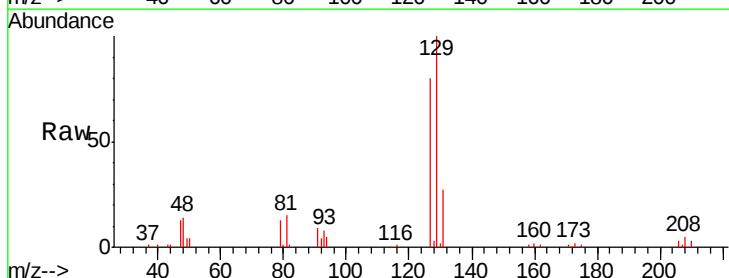
Manual Integrations
APPROVED

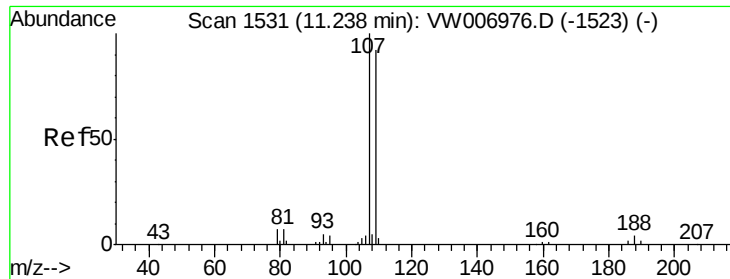
MMDadoda
11/21/2018 11:32:37 AM



#60
Dibromochloromethane
Concen: 20.63 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion: 129 Resp: 22526
Ion Ratio Lower Upper
129 100
127 79.1 38.3 114.8





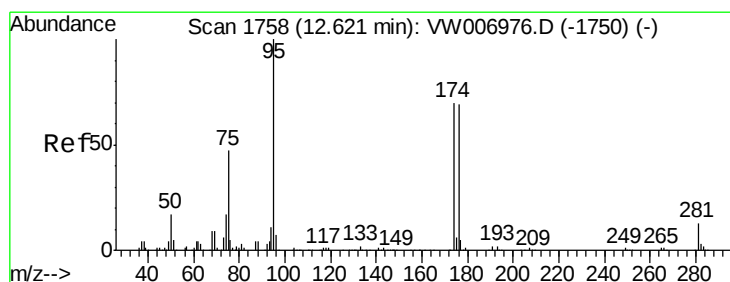
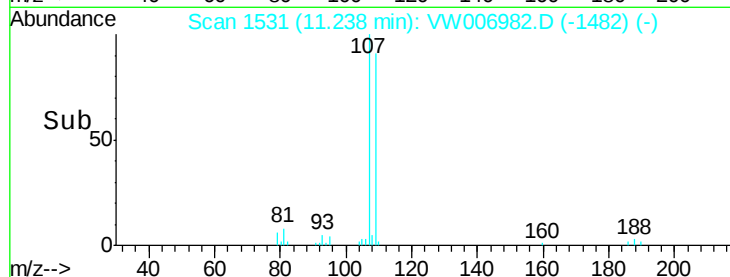
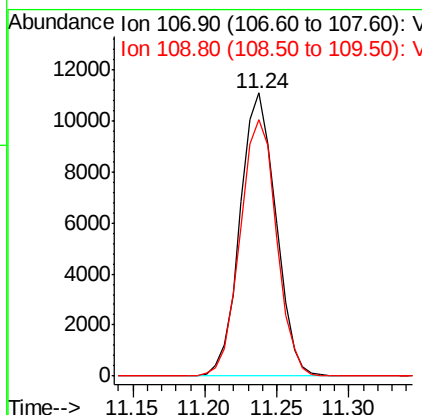
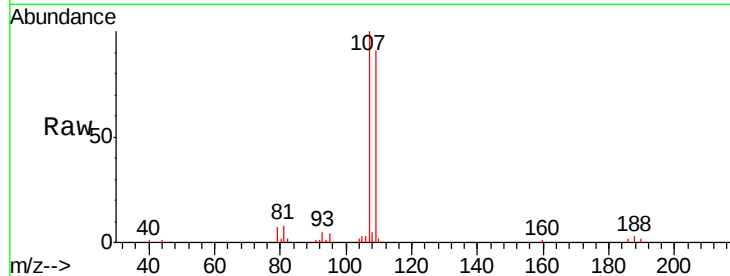
#61
 1,2-Dibromoethane
 Concen: 21.81 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion: 107 Resp: 19127
 Ion Ratio Lower Upper
 107 100
 109 91.7 75.1 112.7

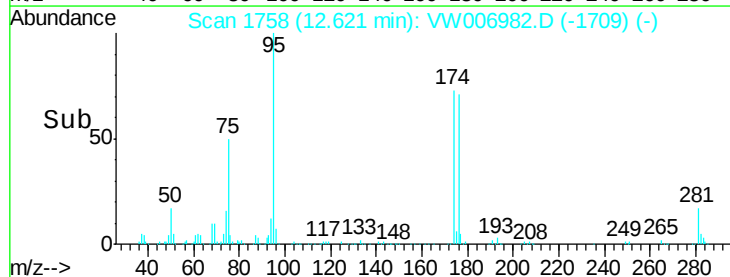
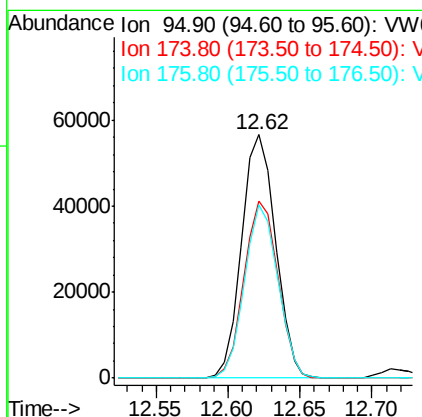
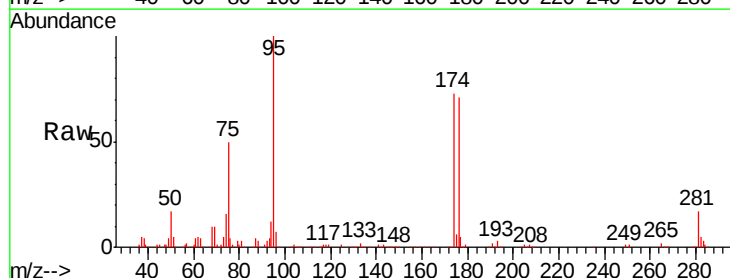
Manual Integrations
 APPROVED

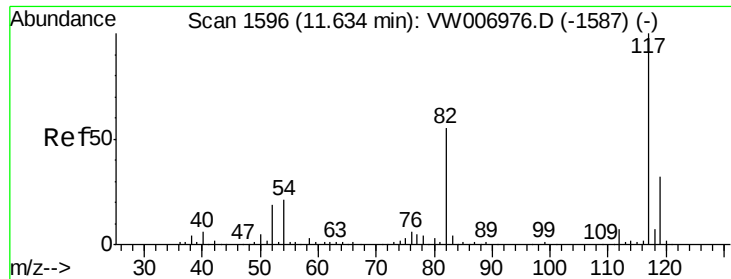
MMDadoda
 11/21/2018 11:32:37 AM



#62
 4-Bromofluorobenzene
 Concen: 47.07 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion: 95 Resp: 92414
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 143.6
 176 70.1 0.0 140.4





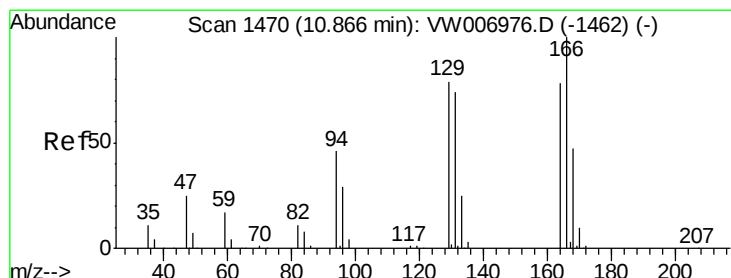
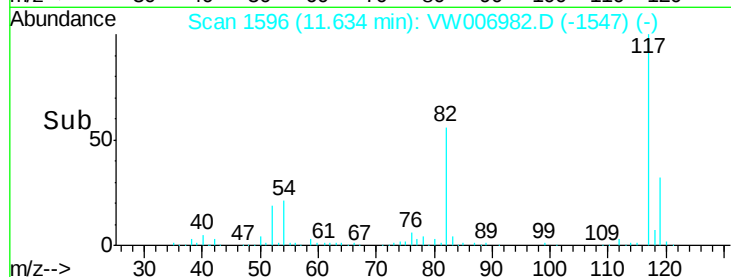
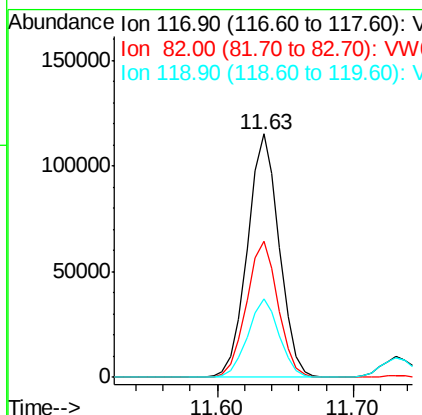
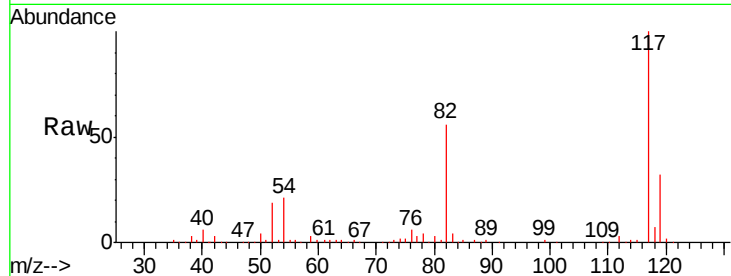
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	188002		
82	55.9	44.2	66.2	
119	32.4	25.9	38.9	

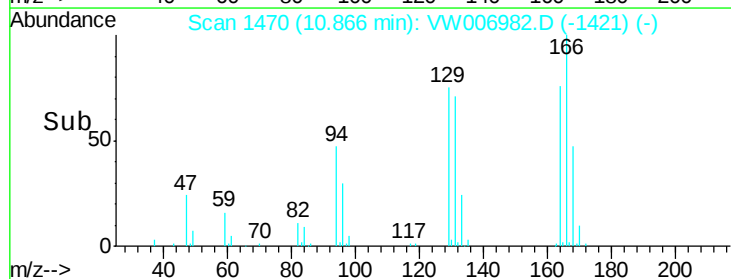
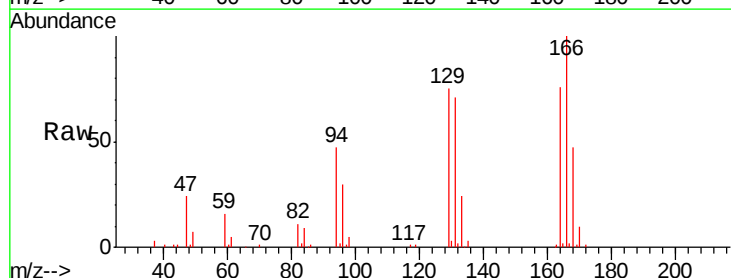
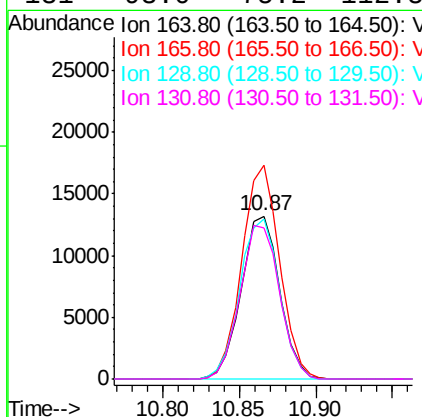
Manual Integrations
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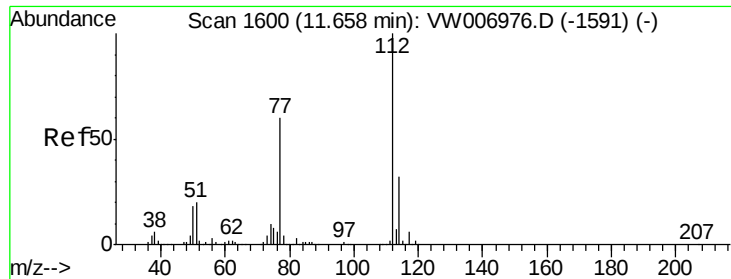
MMDadoda
11/21/2018 11:32:37 AM



#64
Tetrachloroethene
Concen: 19.12 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	23127		
166	131.0	102.1	153.1	
129	98.5	80.4	120.6	
131	93.0	75.2	112.8	





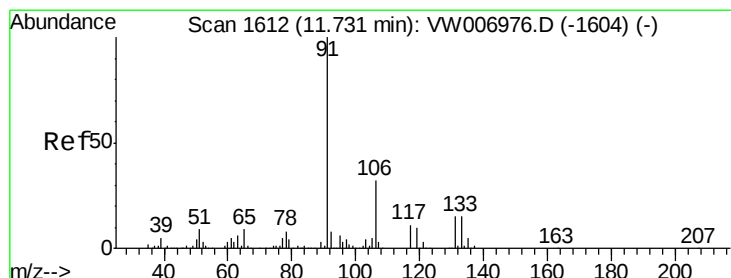
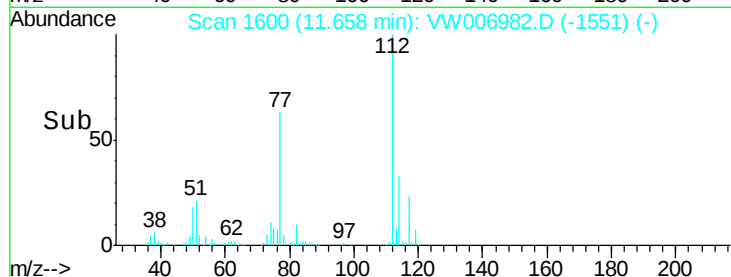
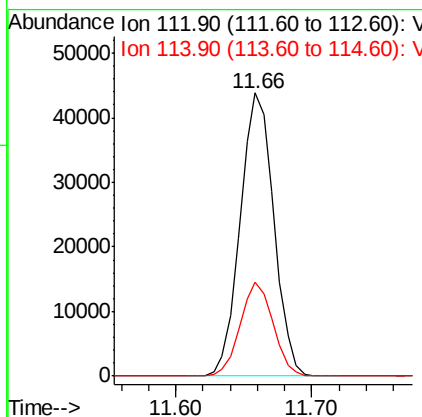
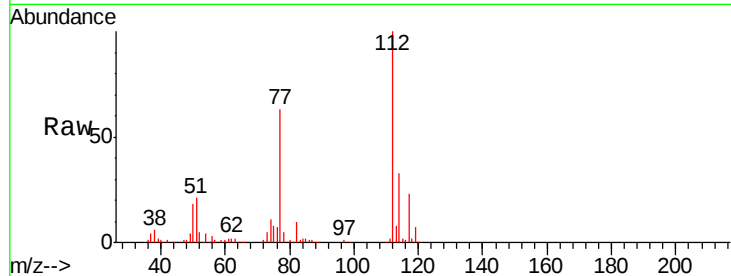
#65
Chlorobenzene
Concen: 19.27 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion:112 Resp: 75605
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

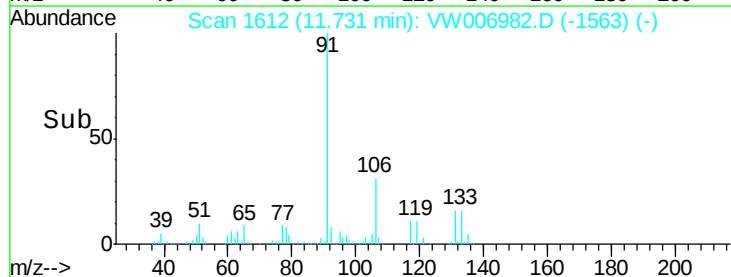
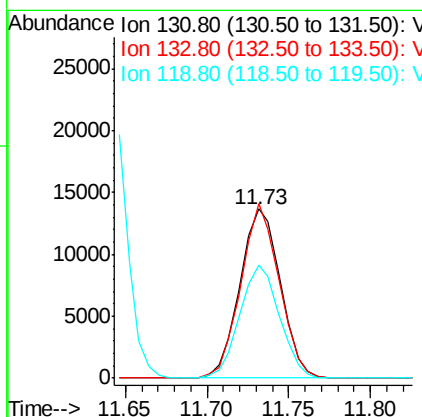
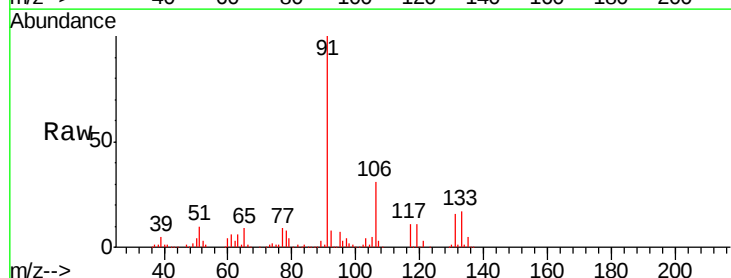
Manual Integrations
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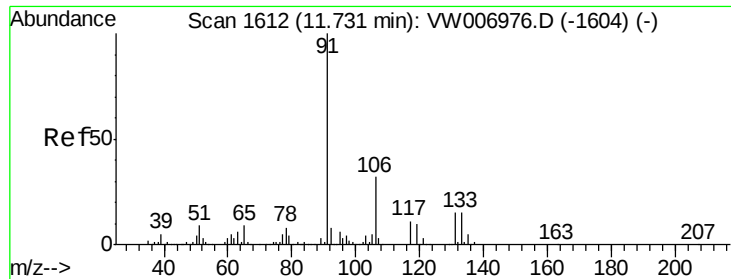
MMDadoda
11/21/2018 11:32:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.97 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion:131 Resp: 23699
Ion Ratio Lower Upper
131 100
133 97.2 47.7 143.1
119 65.1 31.8 95.3





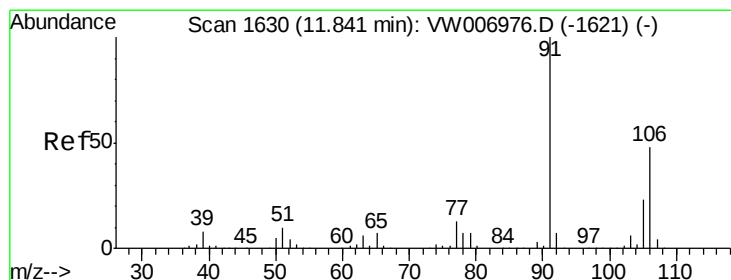
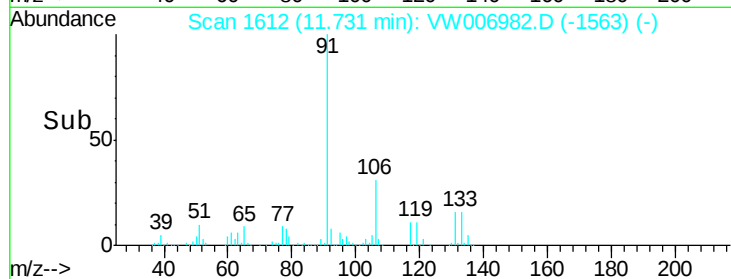
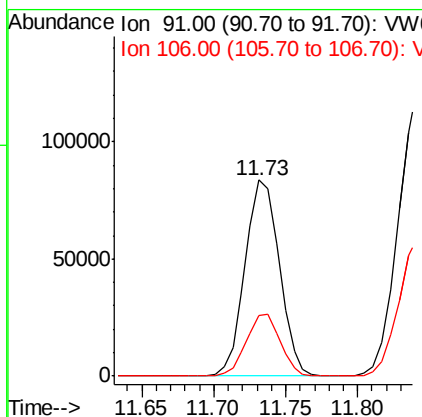
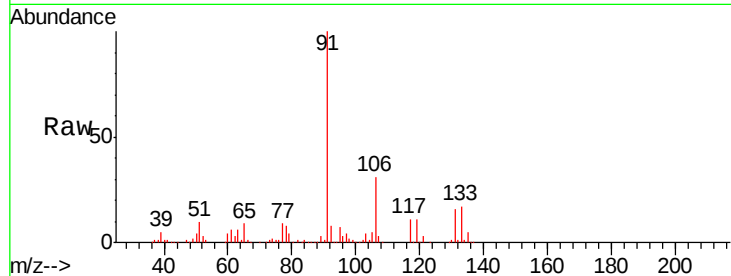
#67
Ethyl Benzene
Concen: 19.24 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampled :
VW1121SBS01

Tgt Ion: 91 Resp: 138687
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

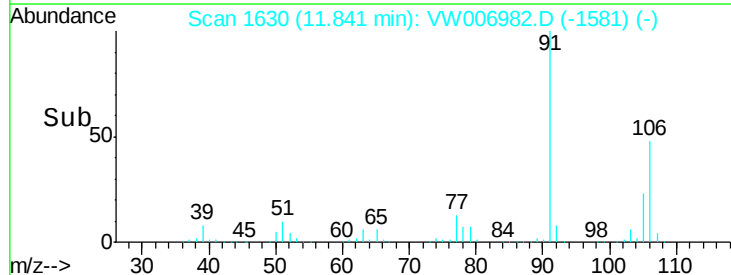
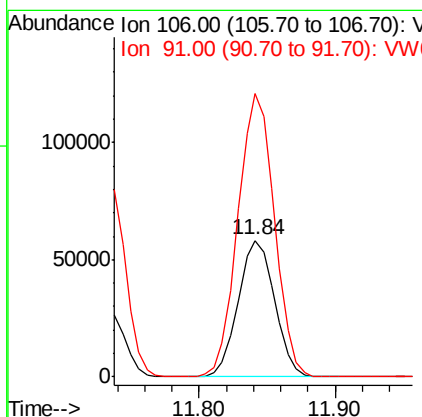
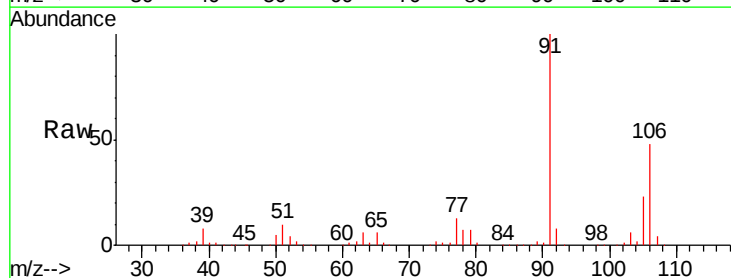
Manual Integrations
APPROVED

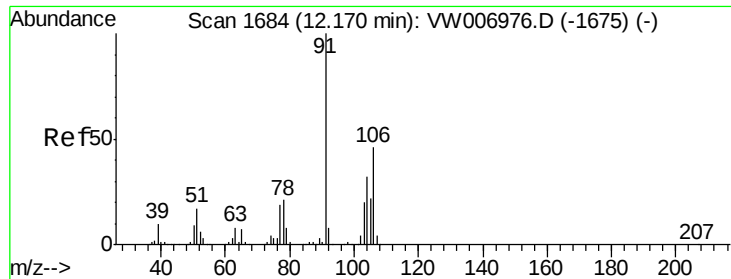
MMDadoda
11/21/2018 11:32:37 AM



#68
m/p-Xylenes
Concen: 38.61 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion:106 Resp: 109196
Ion Ratio Lower Upper
106 100
91 207.7 164.8 247.2





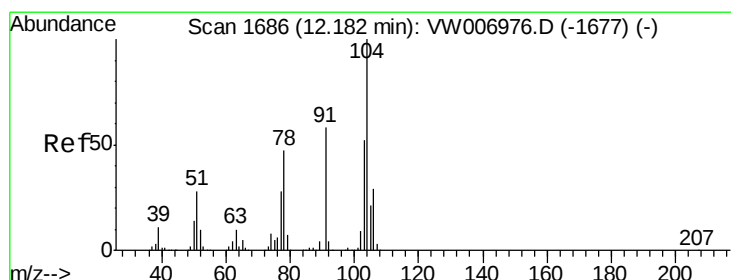
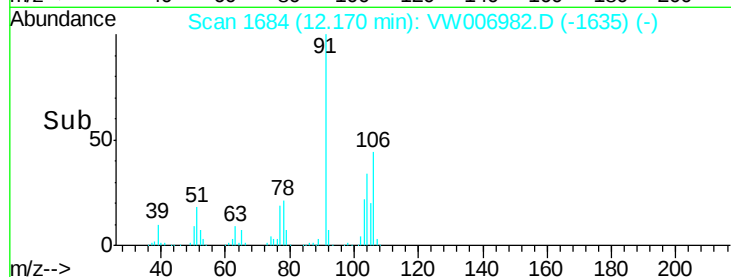
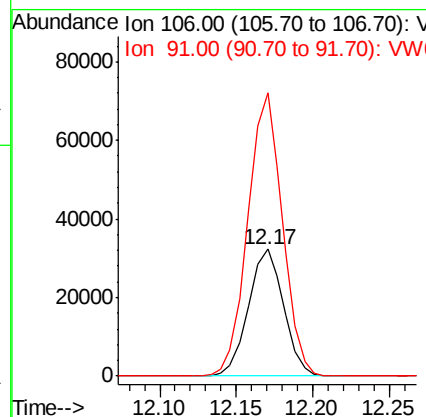
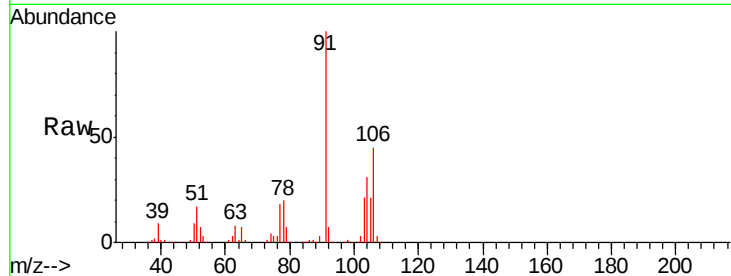
#69
o-Xylene
Concen: 19.32 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion:106 Resp: 51521
Ion Ratio Lower Upper
106 100
91 219.3 107.9 323.8

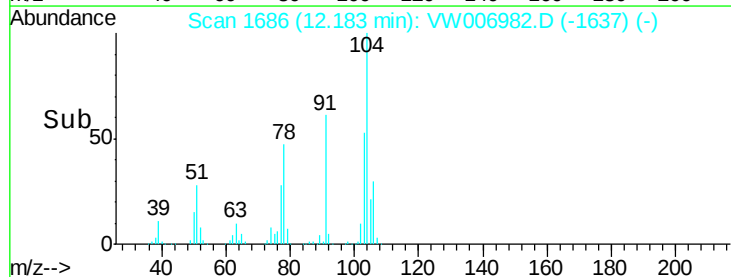
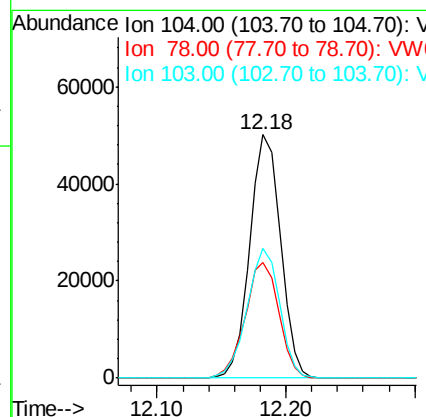
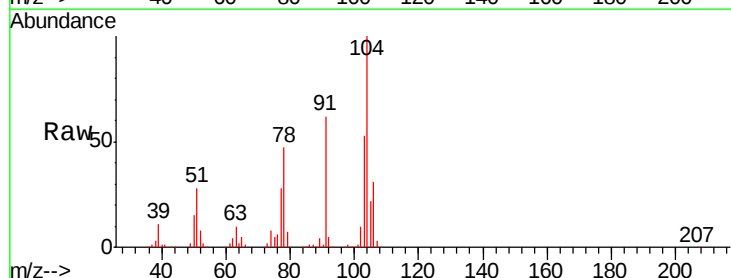
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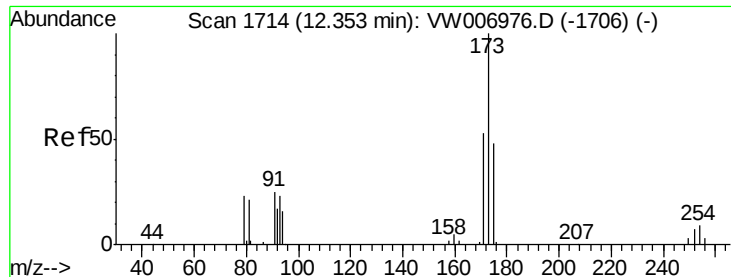
MMDadoda
11/21/2018 11:32:37 AM



#70
Styrene
Concen: 19.45 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion:104 Resp: 82554
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 56.5 44.4 66.6





#71

Bromoform

Concen: 20.78 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion:173 Resp: 11622

Ion Ratio Lower Upper

173 100

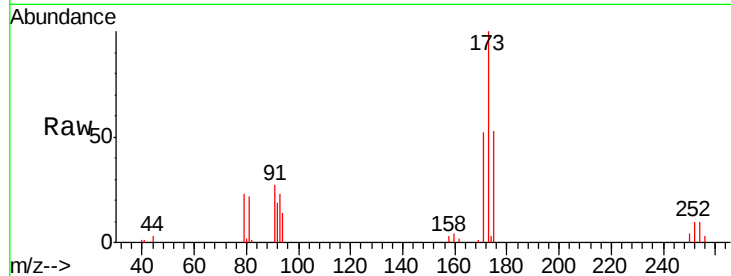
175 49.7 24.0 72.0

254 0.0 0.0 0.0

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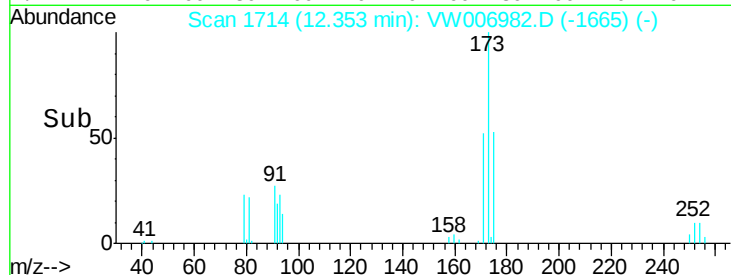
11/21/2018 11:32:37 AM



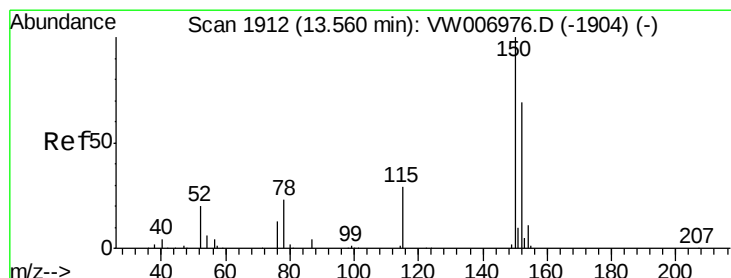
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

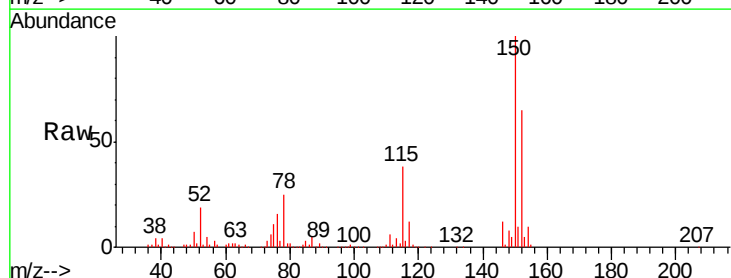
Tgt Ion:152 Resp: 95564

Ion Ratio Lower Upper

152 100

115 60.8 31.4 94.2

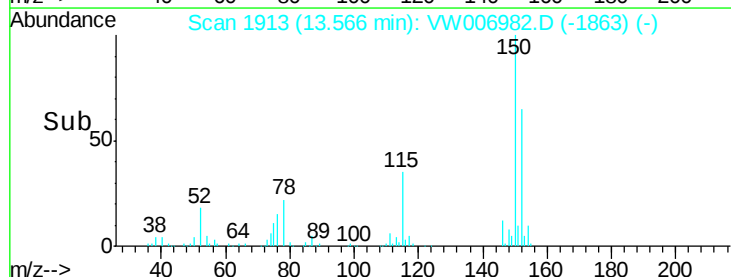
150 164.0 0.0 353.4



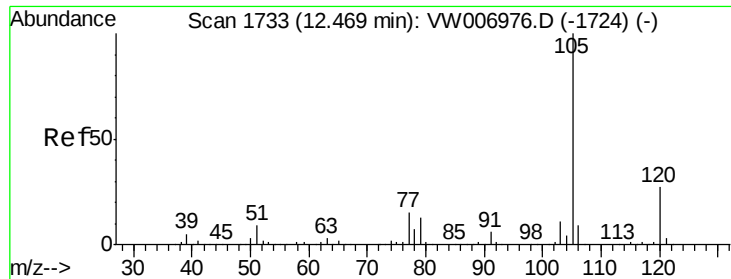
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#73

Isopropylbenzene

Concen: 19.00 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 105 Resp: 141105

Ion Ratio Lower Upper

105 100

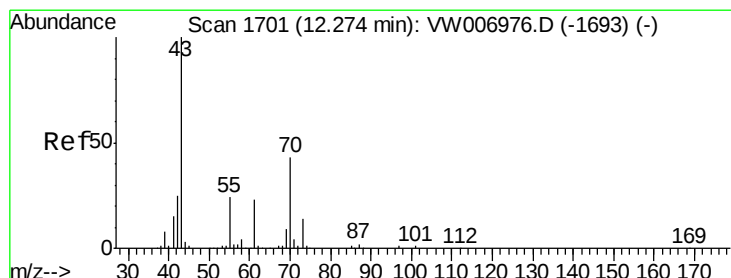
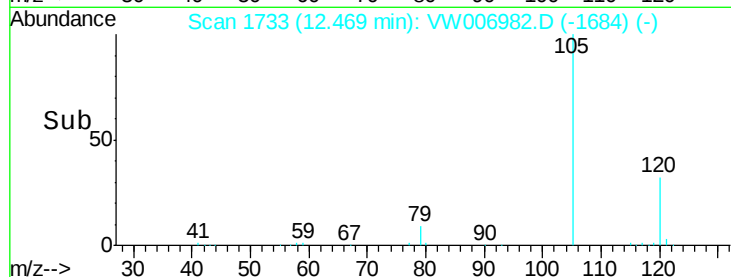
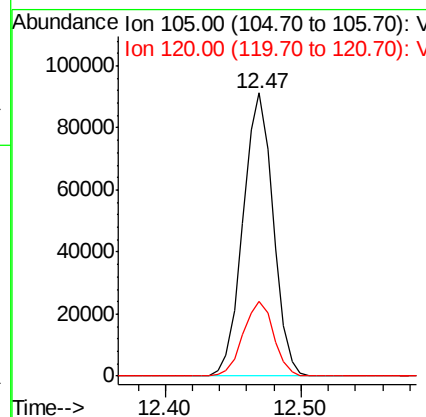
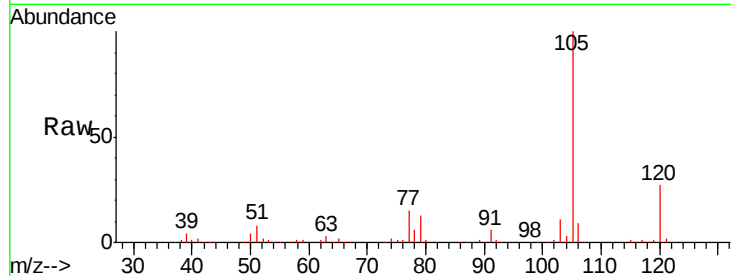
120 26.6 13.3 39.8

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#74

N-ethyl acetate

Concen: 21.19 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Tgt Ion: 43 Resp: 26375

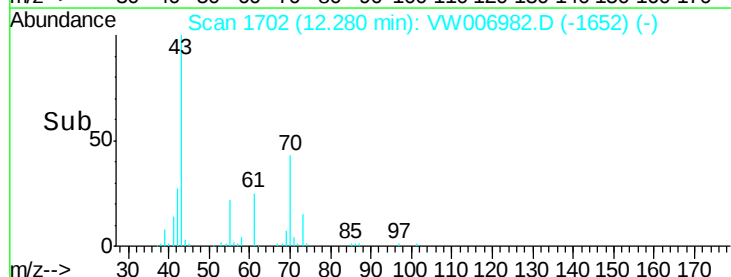
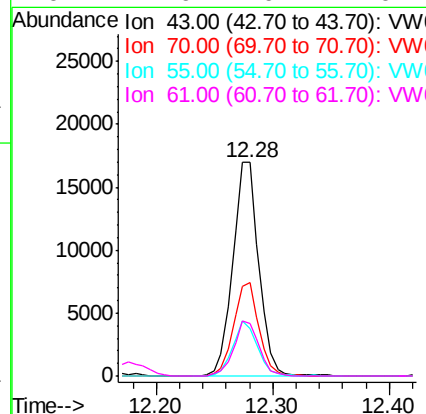
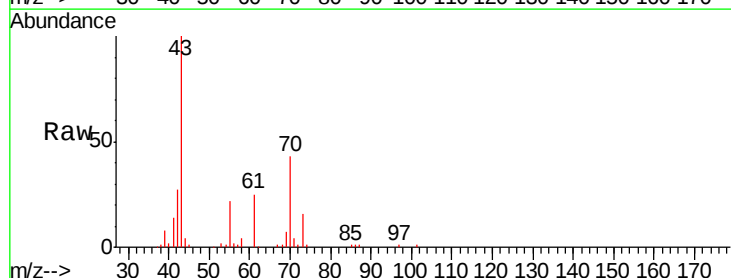
Ion Ratio Lower Upper

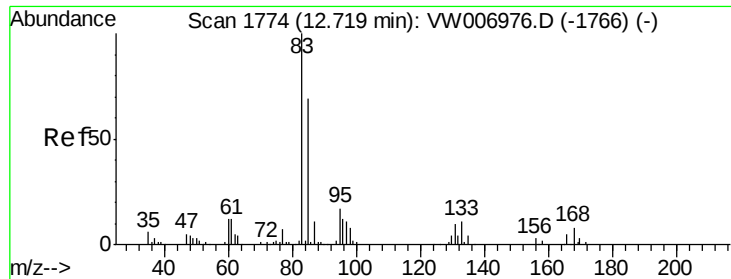
43 100

70 42.5 34.0 51.0

55 24.5 19.4 29.0

61 24.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.75 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 83 Resp: 20512

Ion Ratio Lower Upper

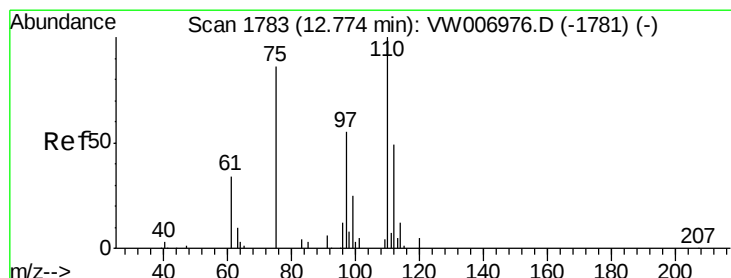
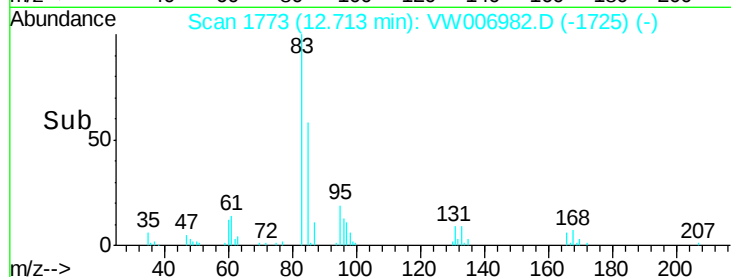
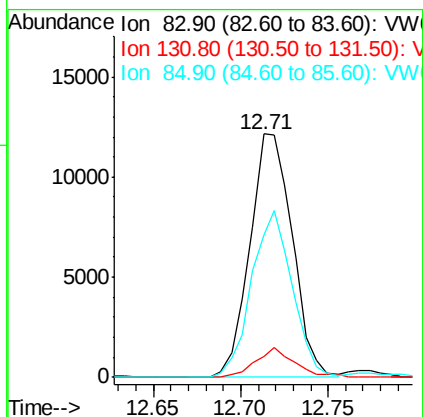
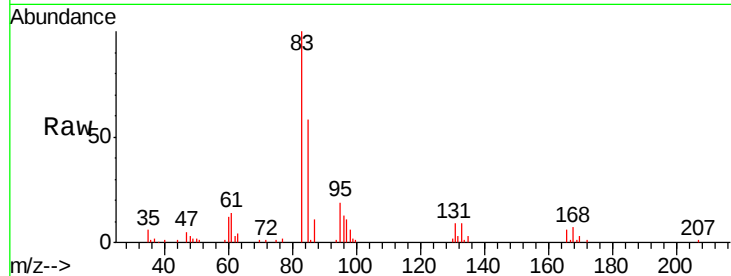
83 100

131 11.0 5.7 17.1

85 65.5 33.1 99.2

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11/21/2018 11:32:37 AM



#76

1,2,3-Trichloropropane

Concen: 17.69 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006982.D

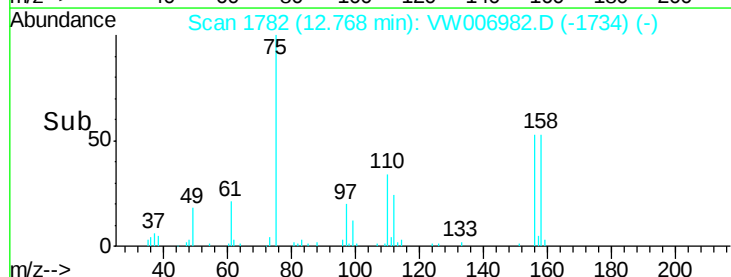
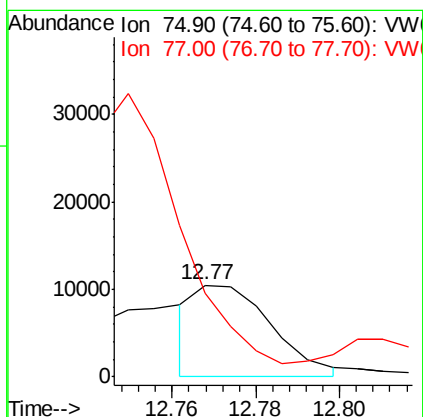
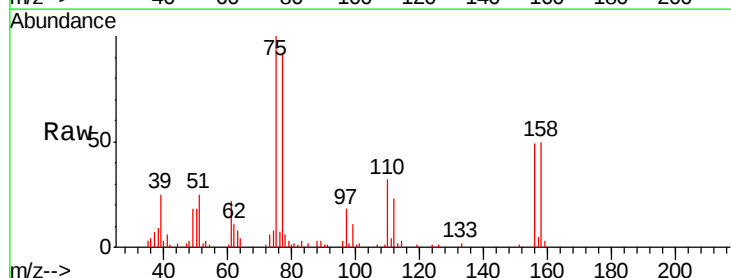
Acq: 20 Nov 2018 18:50

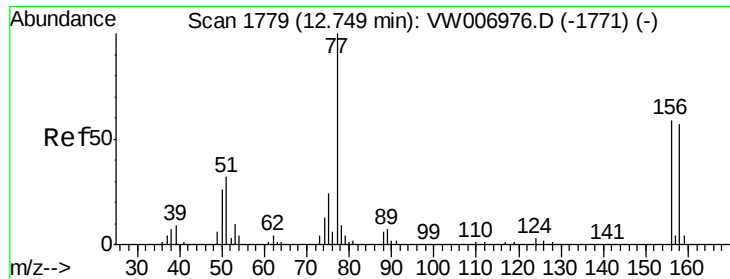
Tgt Ion: 75 Resp: 13281

Ion Ratio Lower Upper

75 100

77 432.5 0.0 0.0#





#77

Bromobenzene

Concen: 19.69 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

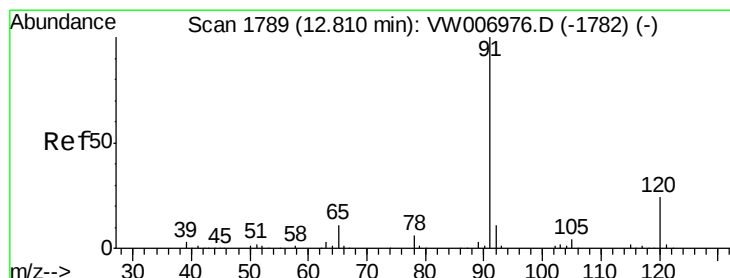
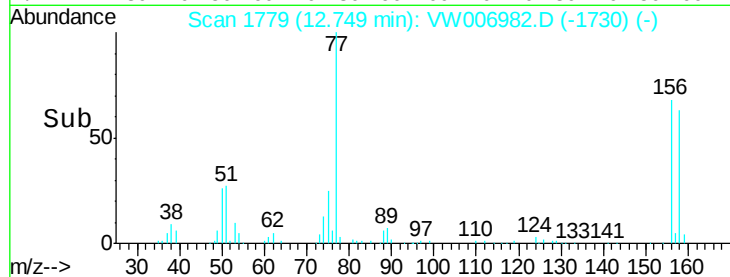
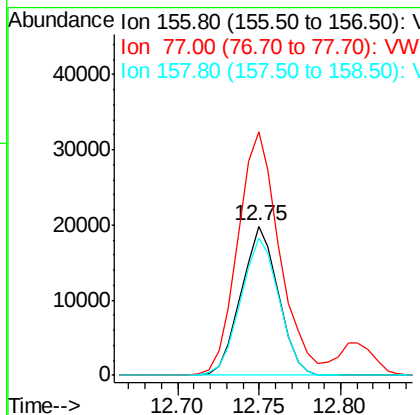
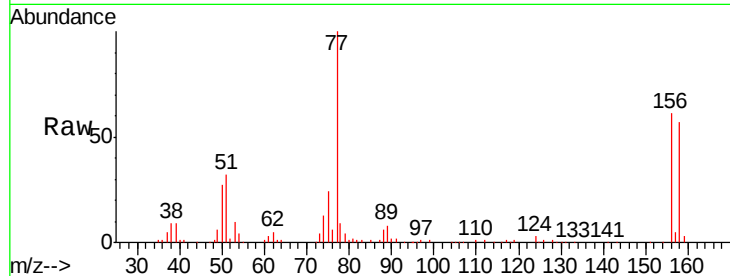
ClientSampleId :

VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	182.9	94.6	283.8
158	94.8	48.9	146.7

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#78

n-propylbenzene

Concen: 18.84 ug/l

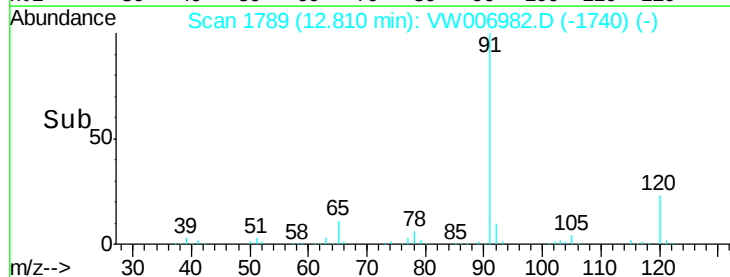
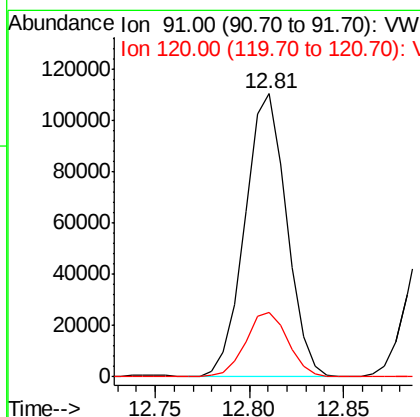
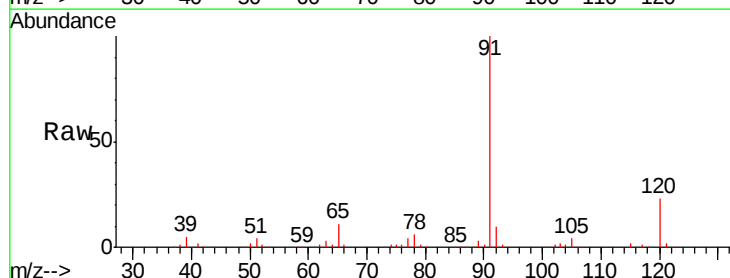
RT: 12.81 min Scan# 1789

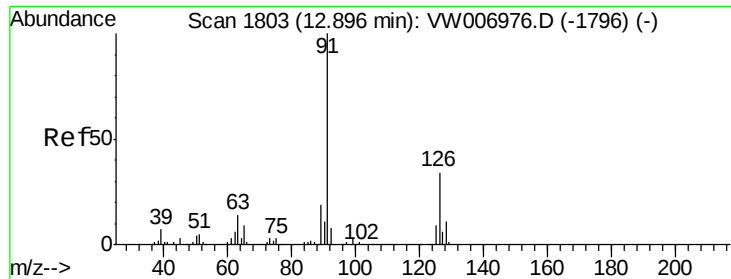
Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 18.98 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 91 Resp: 98453

Ion Ratio Lower Upper

91 100

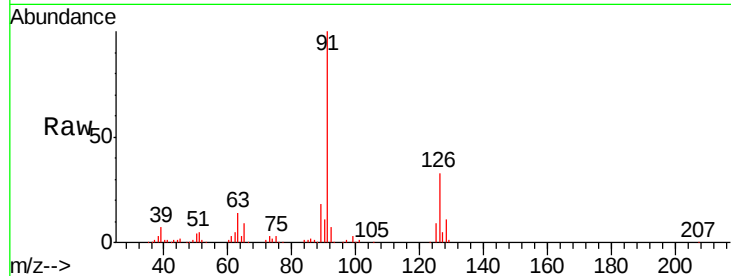
126 32.8 16.7 50.0

Manual Integrations

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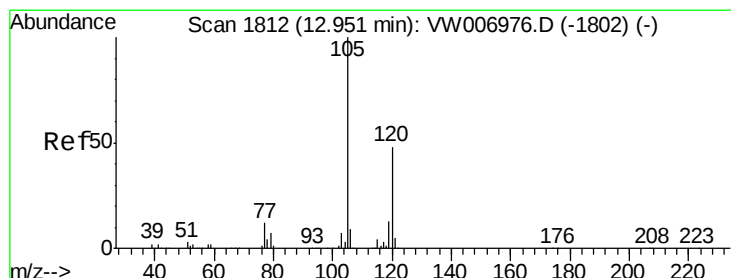
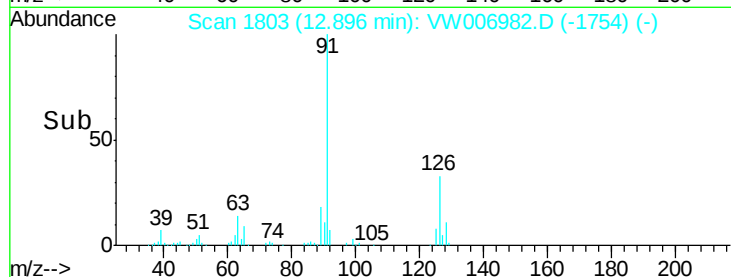
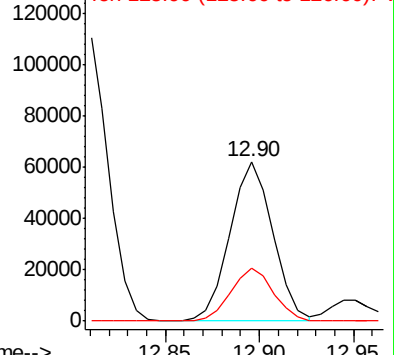
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.91 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW006982.D

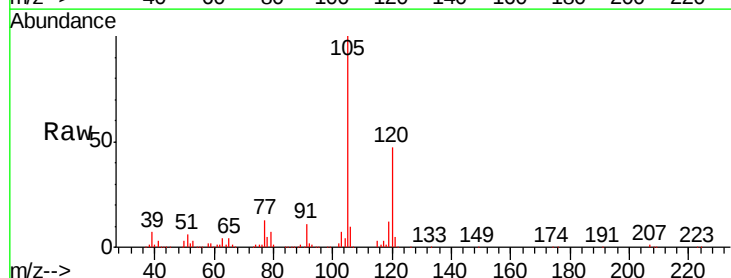
Acq: 20 Nov 2018 18:50

Tgt Ion: 105 Resp: 121436

Ion Ratio Lower Upper

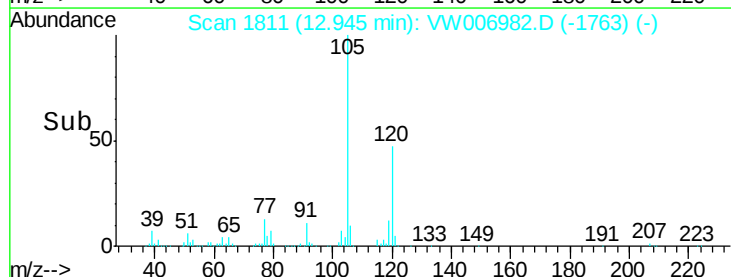
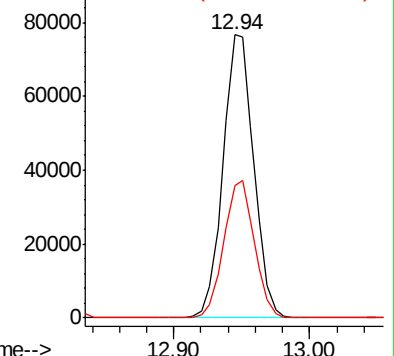
105 100

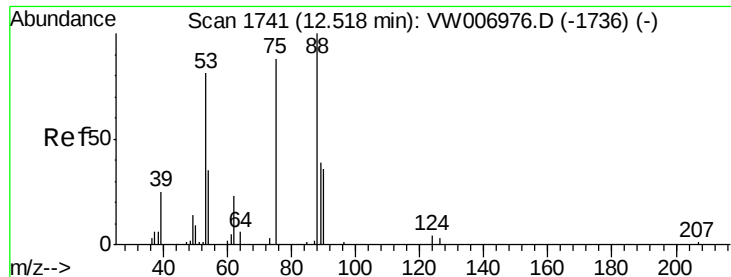
120 48.4 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





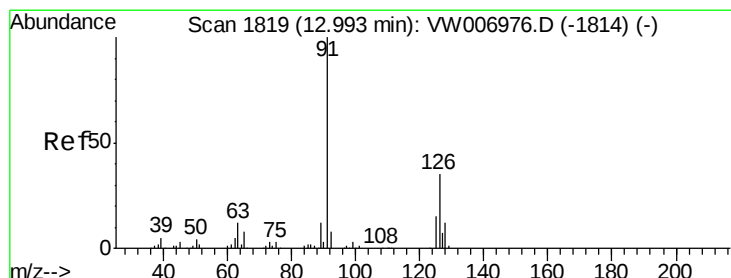
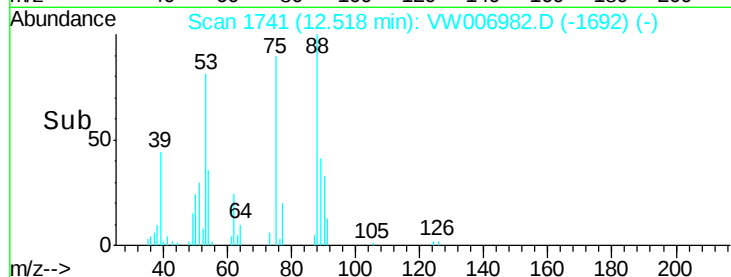
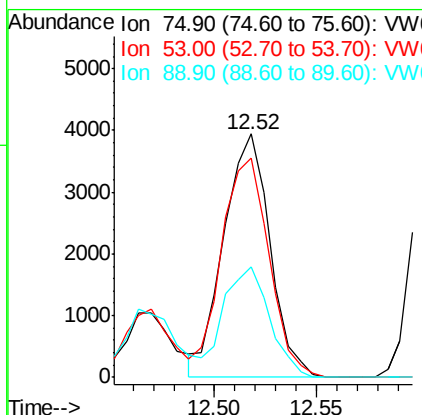
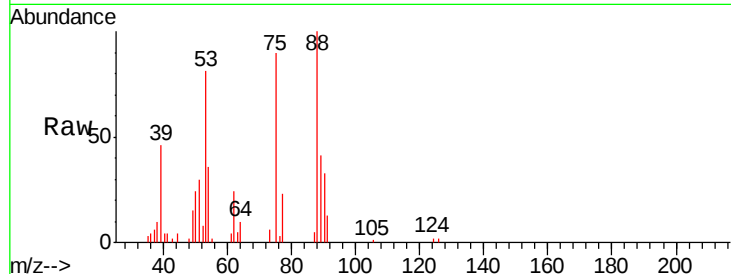
#81
trans-1,4-Dichloro-2-butene
Concen: 20.70 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.1	77.6	116.4
89	44.9	39.3	58.9

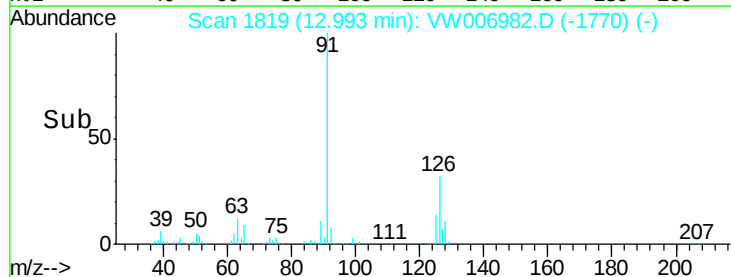
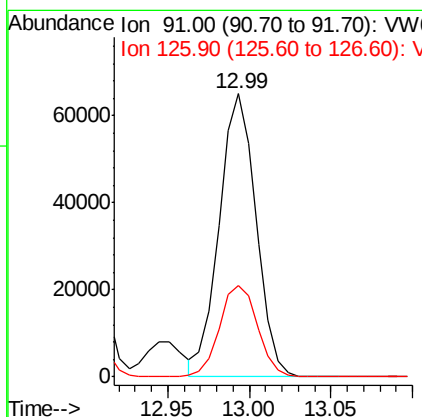
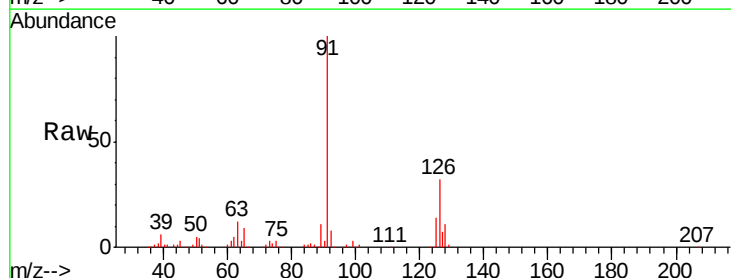
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#82
4-Chlorotoluene
Concen: 18.77 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.7





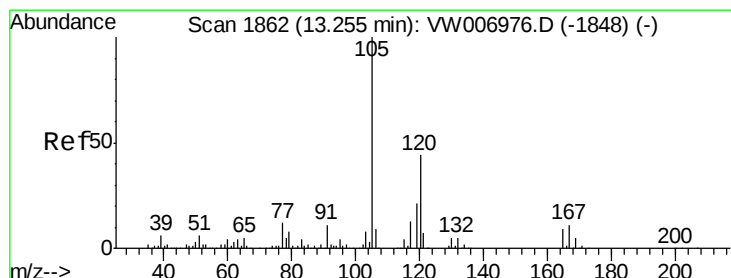
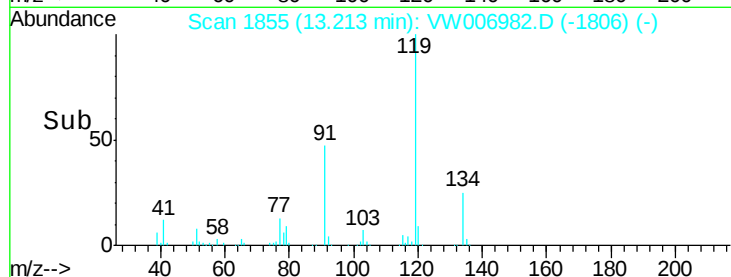
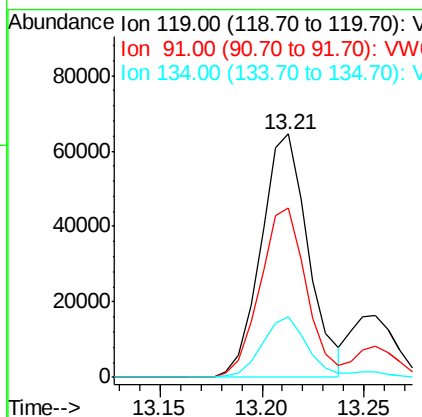
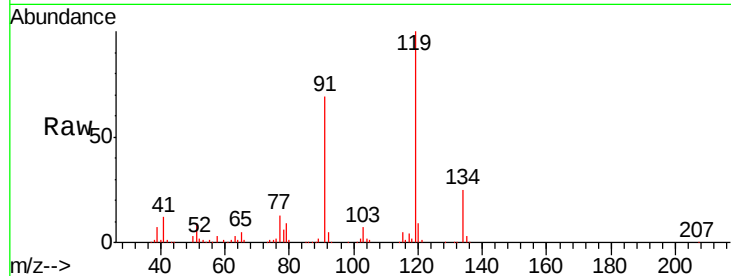
#83
tert-Butylbenzene
Concen: 18.75 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.8	33.5	100.5
134	24.1	12.6	37.8

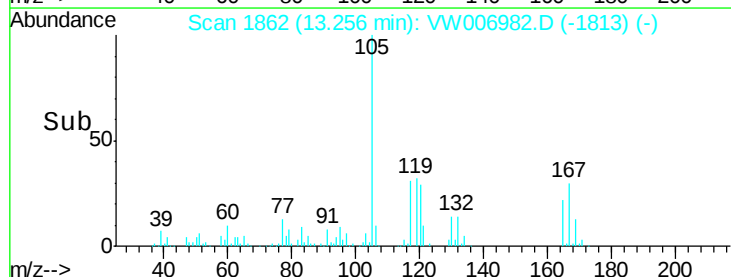
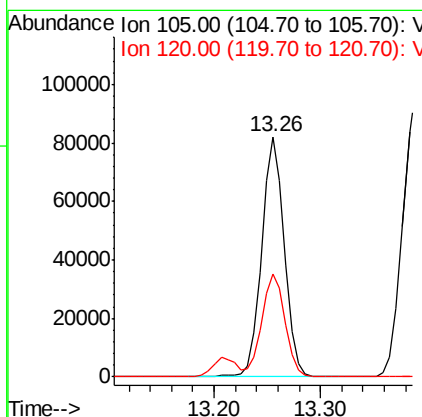
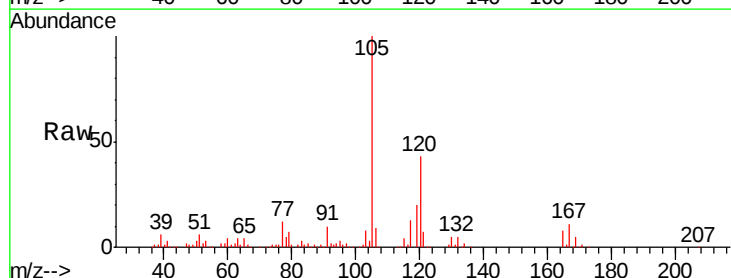
Manual Integrations
APPROVED

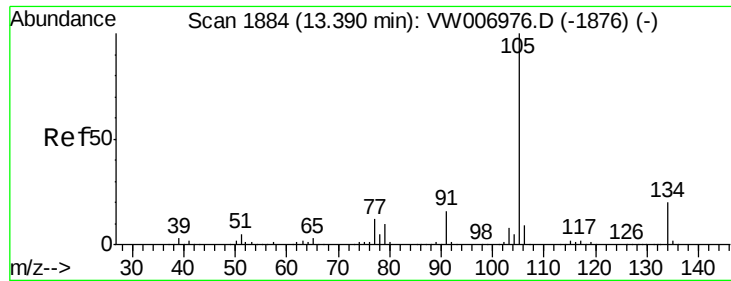
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#84
1,2,4-Trimethylbenzene
Concen: 19.06 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.8	65.3





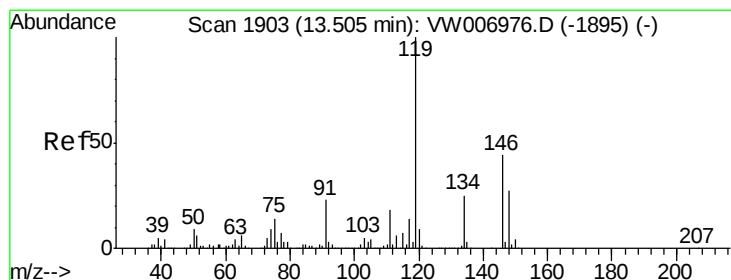
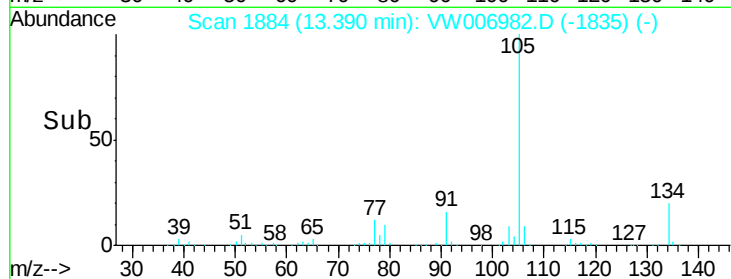
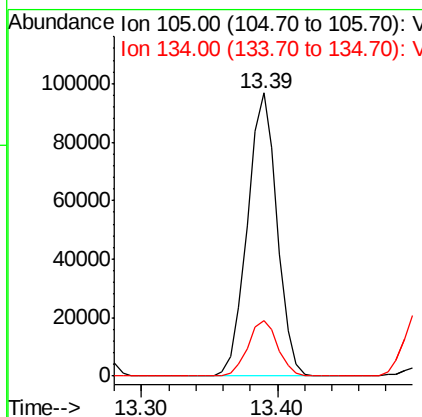
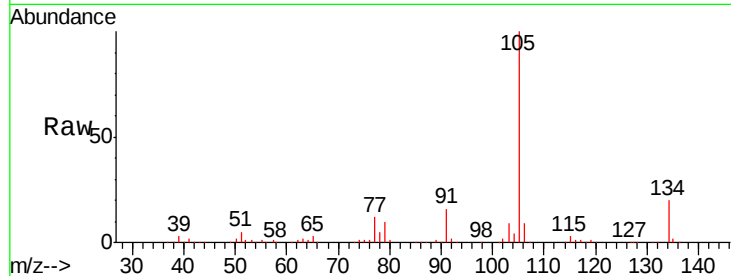
#85
 sec-Butylbenzene
 Concen: 18.84 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion:105 Resp: 148034
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

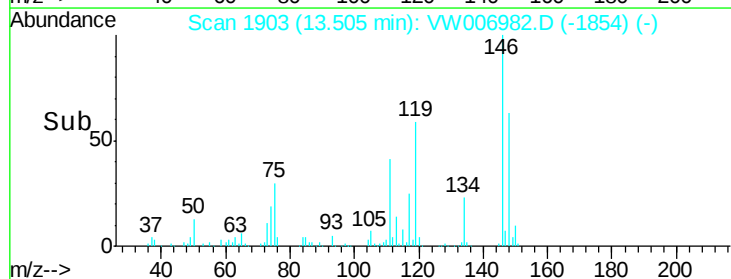
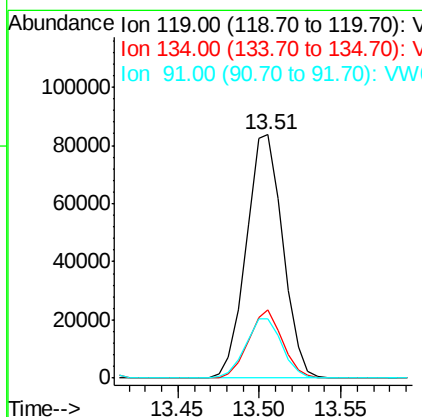
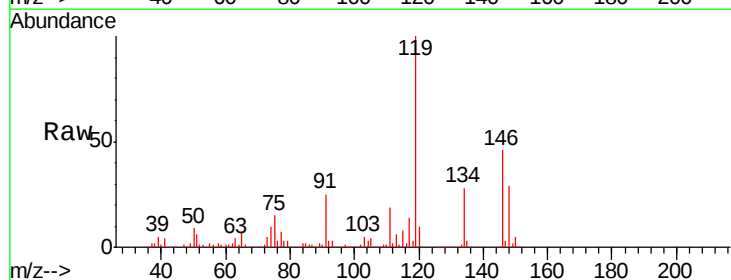
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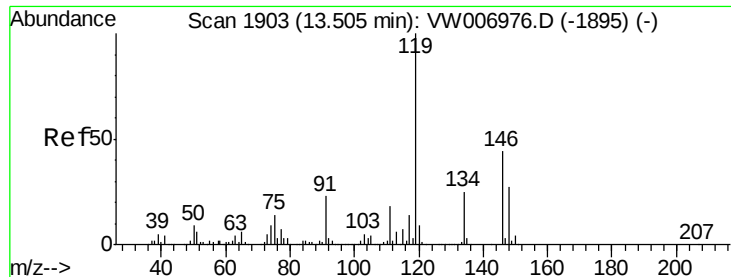
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#86
 p-Isopropyltoluene
 Concen: 18.81 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion:119 Resp: 130390
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.07 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Instrument :

MSVOA_W

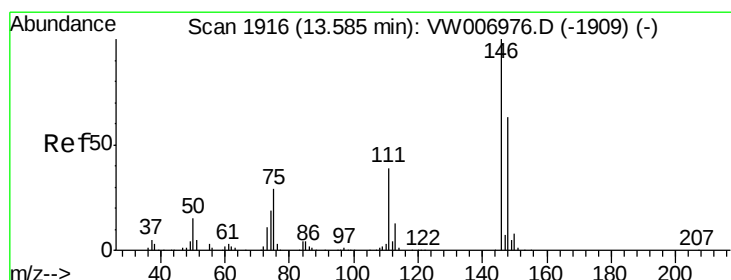
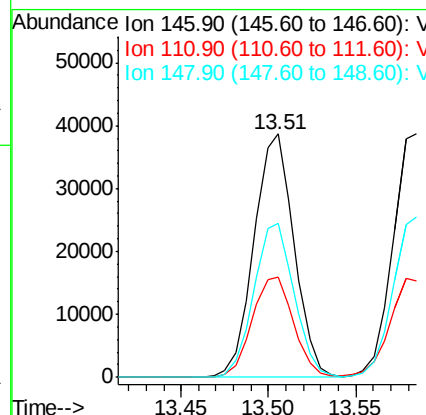
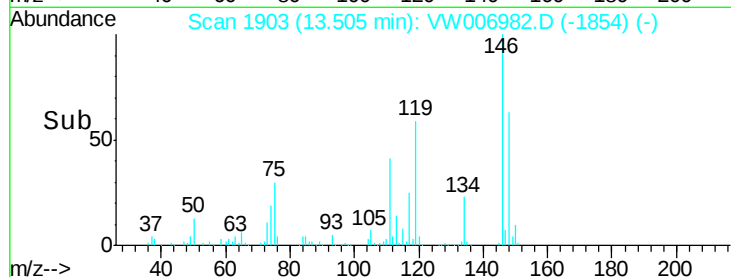
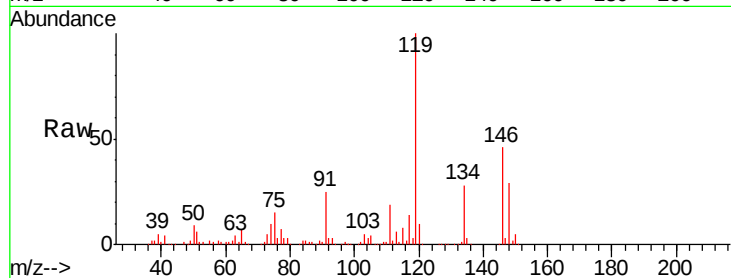
ClientSampleId :

VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.3
148	63.6	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.26 ug/l

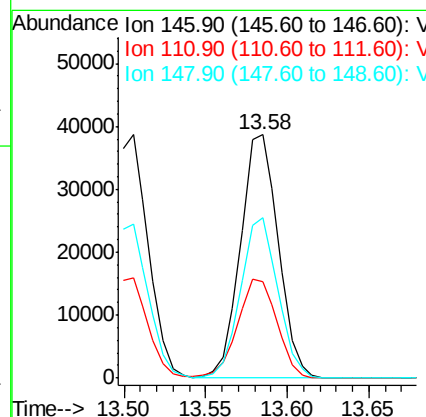
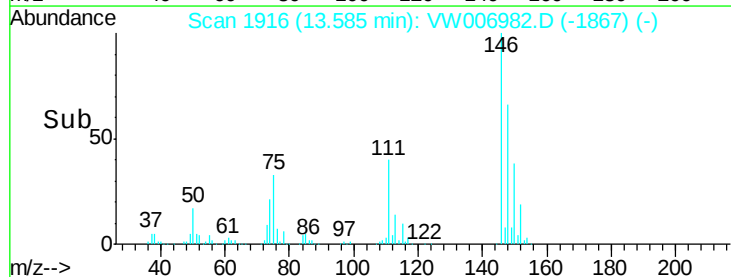
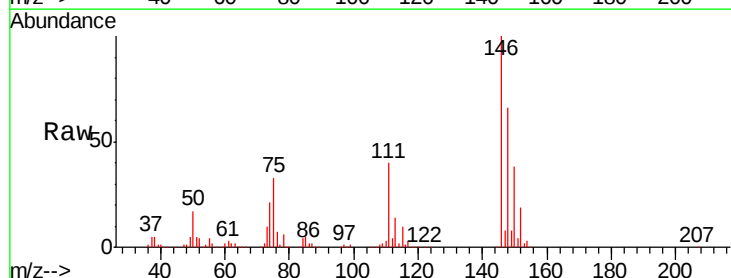
RT: 13.58 min Scan# 1916

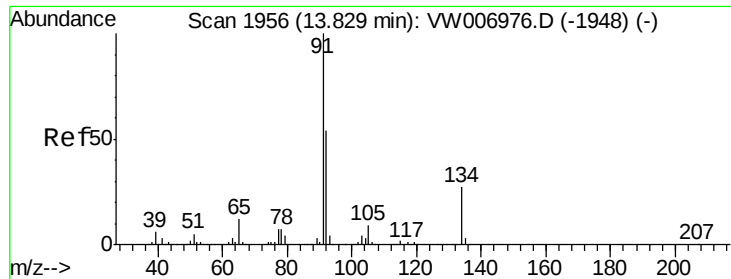
Delta R.T. 0.00 min

Lab File: VW006982.D

Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.6	61.8
148	65.1	32.3	96.8





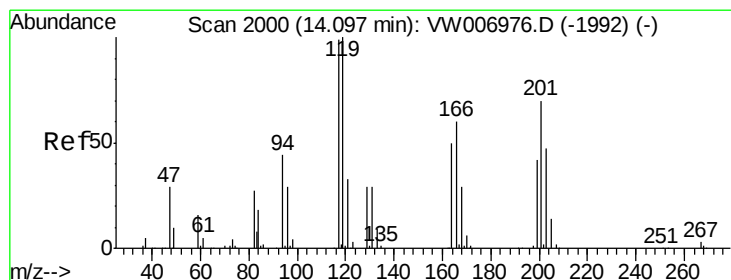
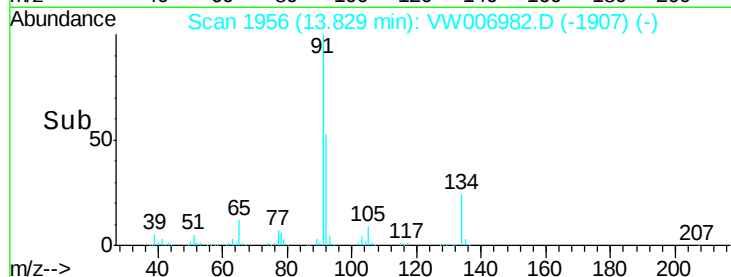
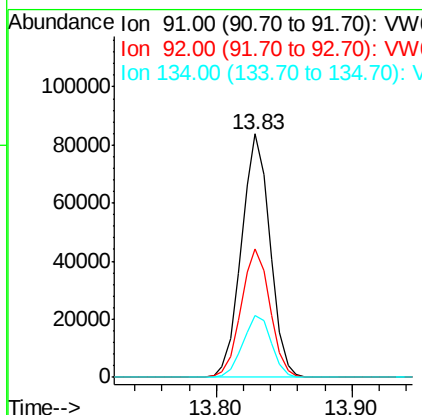
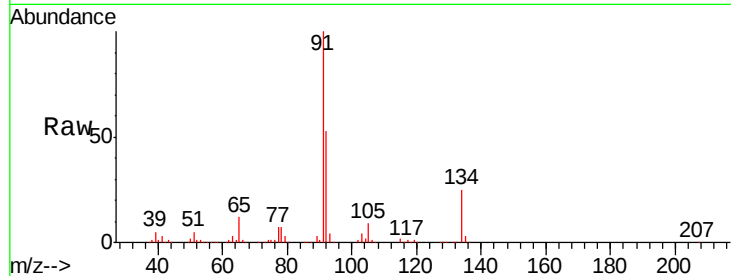
#89
n-Butylbenzene
Concen: 18.76 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.4
134	25.7	13.3	39.8

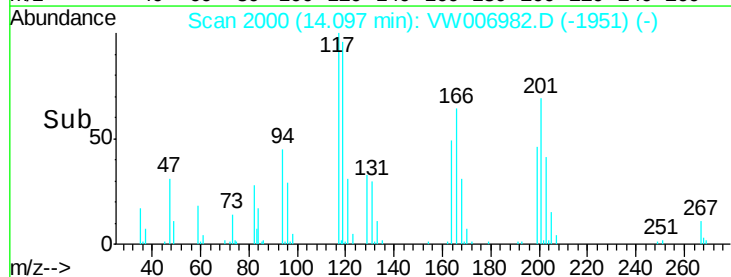
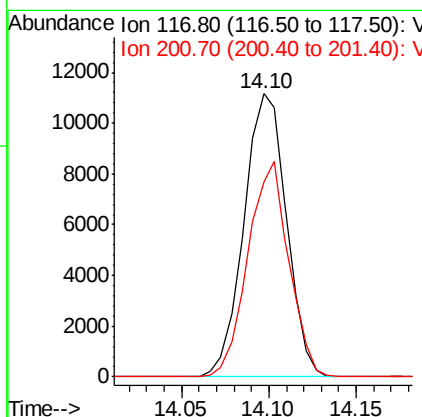
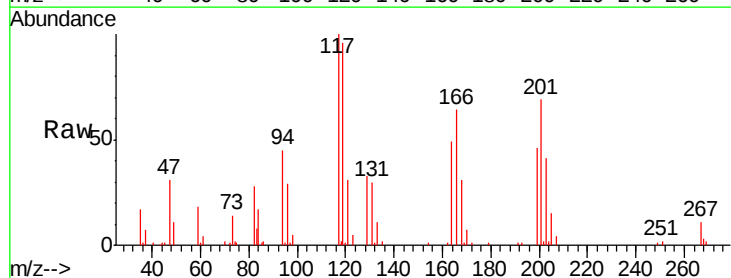
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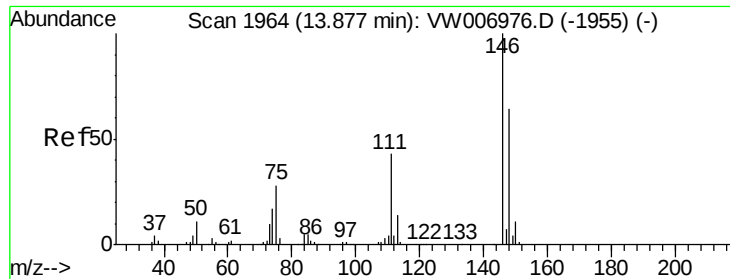
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#90
Hexachloroethane
Concen: 18.61 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	35.9	107.5





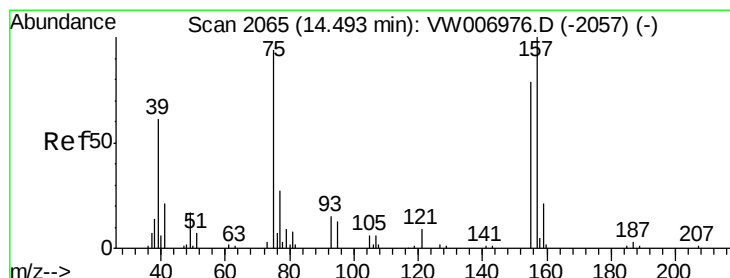
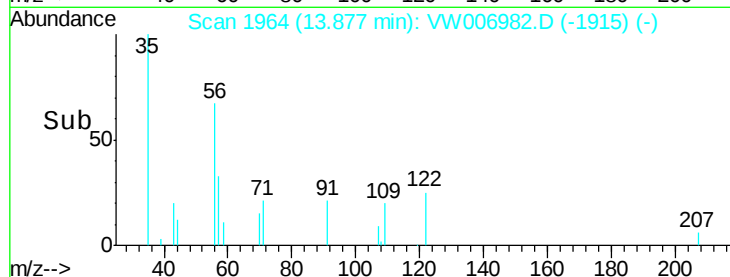
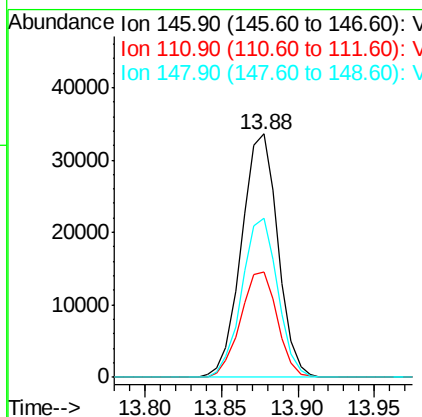
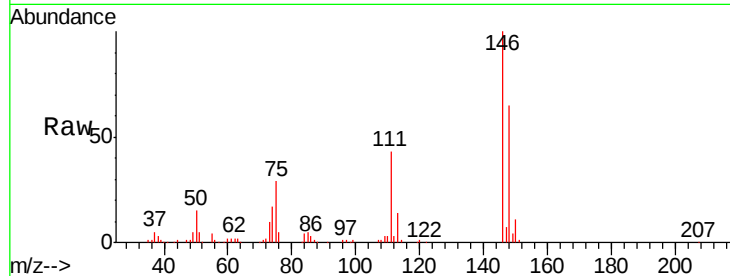
#91
 1,2-Dichlorobenzene
 Concen: 19.46 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.7
148	64.4	32.2	96.6

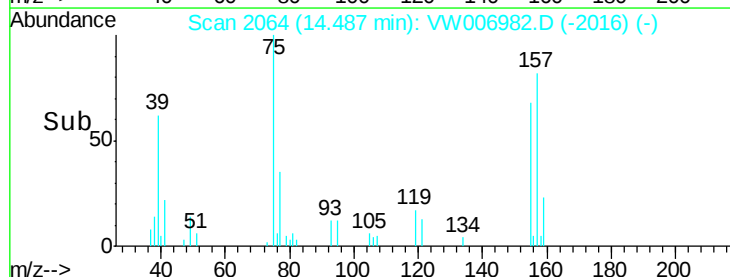
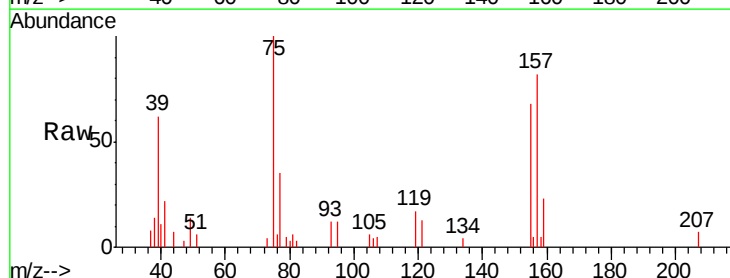
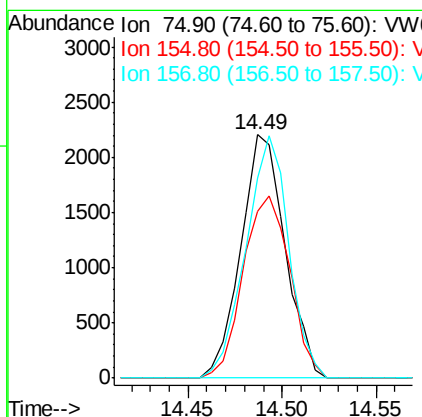
Manual Integrations
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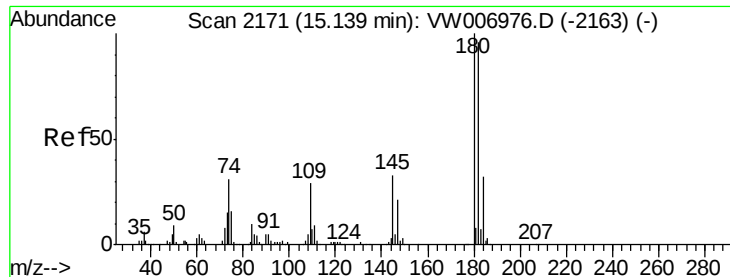
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.51 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	42.6	127.8
157	96.4	55.0	165.0





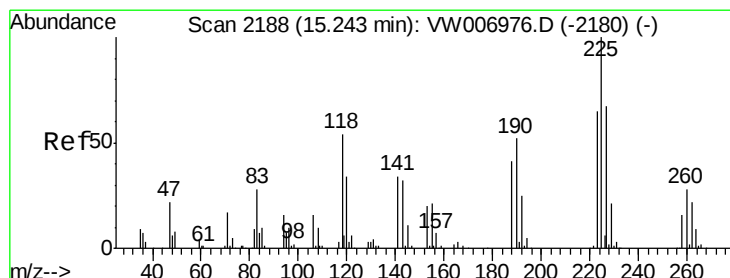
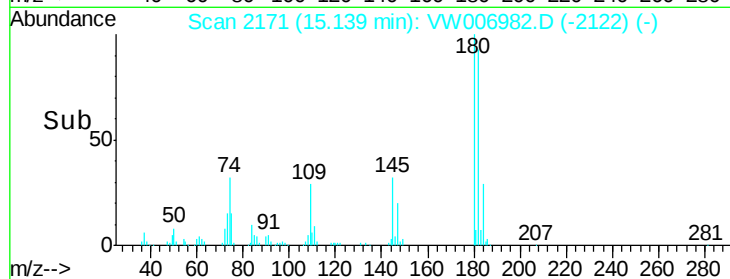
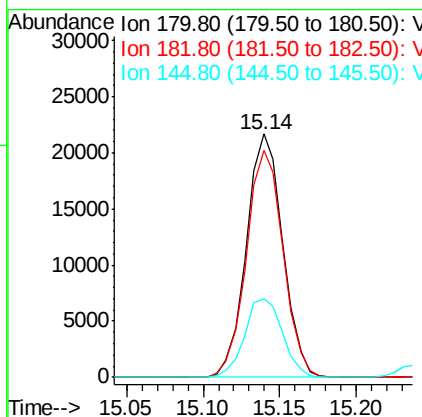
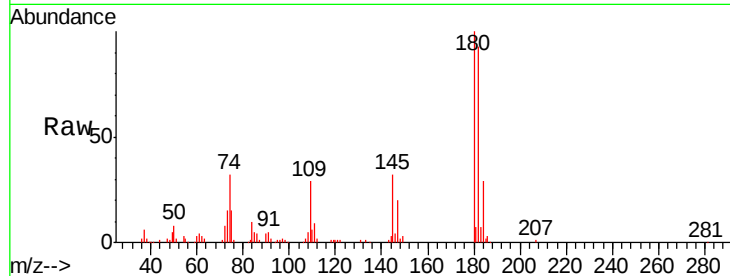
#93
 1,2,4-Trichlorobenzene
 Concen: 19.00 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.1	141.3
145	33.5	16.5	49.5

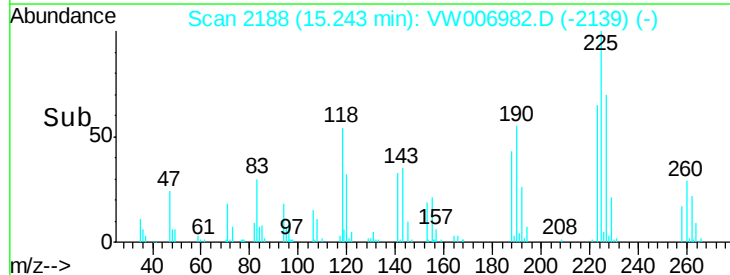
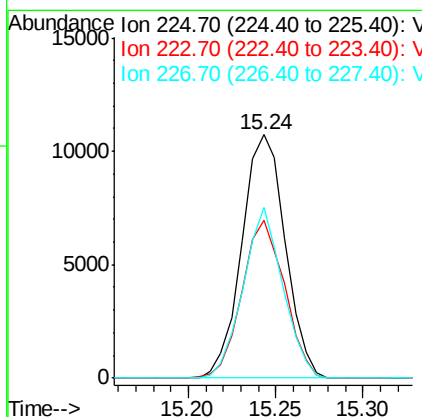
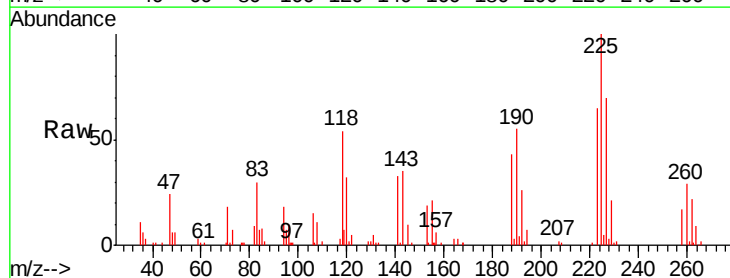
Manual Integrations
 APPROVED

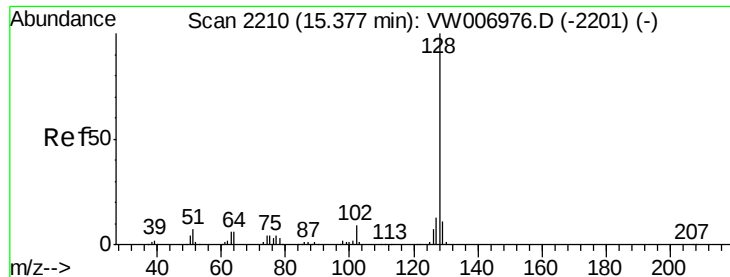
MMDadoda
 11/21/2018 11:32:37 AM



#94
 Hexachlorobutadiene
 Concen: 18.08 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006982.D
 Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.4	97.0
227	64.0	31.9	95.5





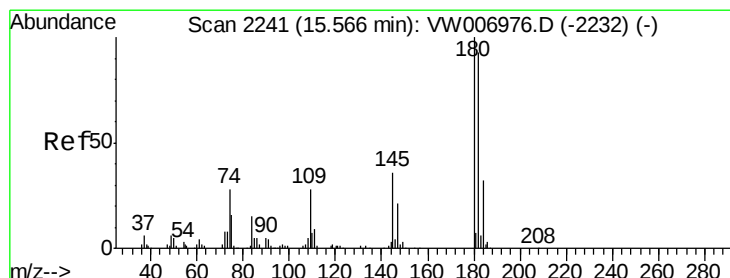
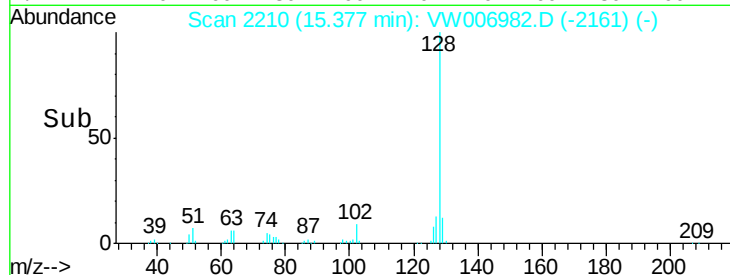
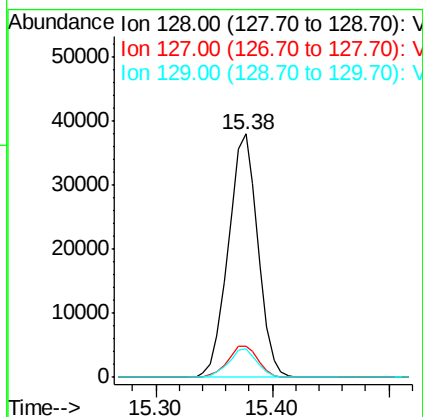
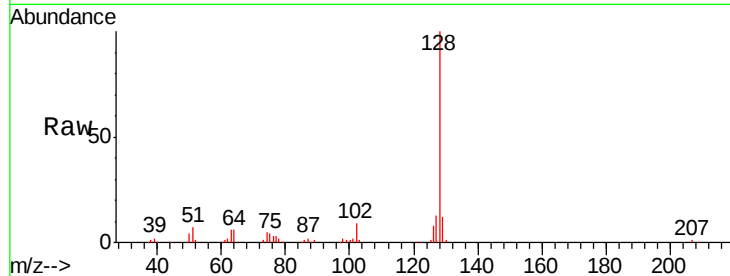
#95
Naphthalene
Concen: 19.63 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.4	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/21/2018 11:32:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.73 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006982.D
Acq: 20 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.2
145	35.8	18.0	54.0

