

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007001.D
 Acq On : 21 Nov 2018 15:52
 Operator : VAY/AP
 Sample : VW1122SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:50 PM

Quant Time: Nov 21 16:51:13 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	117052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82369	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	56765	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	7.88	113	52488	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
50) Toluene-d8	10.32	98	232880	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.62	95	87951	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	28503	24.663	ug/l	97
3) Chloromethane	2.21	50	21826	22.662	ug/l	97
4) Vinyl Chloride	2.36	62	21283	22.460	ug/l	95
5) Bromomethane	2.78	94	11538	22.812	ug/l	93
6) Chloroethane	2.92	64	10952	20.966	ug/l	100
7) Trichlorofluoromethane	3.26	101	43106	23.134	ug/l	94
8) Diethyl Ether	3.68	74	12273	20.441	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	28154	23.306	ug/l	98
10) Methyl Iodide	4.28	142	26389	19.083	ug/l	99
11) Tert butyl alcohol	5.22	59	6653	89.181	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	23374	22.062	ug/l	97
13) Acrolein	3.90	56	7435	97.047	ug/l	96
14) Allyl chloride	4.67	41	37169	21.151	ug/l	99
15) Acrylonitrile	5.38	53	21177	93.843	ug/l	99
16) Acetone	4.14	43	16783	100.871	ug/l	98
17) Carbon Disulfide	4.38	76	74246	21.676	ug/l	98
18) Methyl Acetate	4.68	43	10226	17.259	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	54588	19.732	ug/l	100
20) Methylene Chloride	4.92	84	27961	17.587	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	26482	21.457	ug/l	96
22) Diisopropyl ether	6.32	45	70062	20.484	ug/l	98
23) Vinyl Acetate	6.26	43	186827	102.859	ug/l	99
24) 1,1-Dichloroethane	6.22	63	42929	20.631	ug/l	98
25) 2-Butanone	7.18	43	26675	93.608	ug/l	96
26) 2,2-Dichloropropane	7.17	77	42868	22.910	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	27716	21.088	ug/l	98
28) Bromochloromethane	7.52	49	13803	17.749	ug/l #	97
29) Tetrahydrofuran	7.54	42	16779	90.915	ug/l	98
30) Chloroform	7.68	83	45798	20.718	ug/l	99
31) Cyclohexane	7.96	56	50909	23.067	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	45564	22.884	ug/l	98
36) 1,1-Dichloropropene	8.09	75	40779	23.146	ug/l	100
37) Ethyl Acetate	7.26	43	13368	20.939	ug/l	97
38) Carbon Tetrachloride	8.07	117	39036	23.138	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48950	22.202	ug/l	98
40) Benzene	8.32	78	102740	21.603	ug/l	99
41) Methacrylonitrile	7.49	41	7368	18.583	ug/l	95
42) 1,2-Dichloroethane	8.40	62	27760	20.105	ug/l	99
43) Isopropyl Acetate	8.43	43	23902	19.646	ug/l	99
44) Trichloroethene	9.09	130	29556	22.170	ug/l	93
45) 1,2-Dichloropropane	9.37	63	25702	21.924	ug/l	100
46) Dibromomethane	9.46	93	11749	20.012	ug/l	99
47) Bromodichloromethane	9.65	83	33511	21.665	ug/l	97
48) Methyl methacrylate	9.44	41	11168	19.037	ug/l	99
49) 1,4-Dioxane	9.48	88	3371	386.321	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	58180	94.626	ug/l	99
52) Toluene	10.39	92	68680	21.220	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	30356	20.259	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	37811	20.887	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17494	20.253	ug/l	96
56) Ethyl methacrylate	10.65	69	19585	19.534	ug/l	99
57) 1,3-Dichloropropane	10.93	76	30087	20.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	50958	97.262	ug/l	100
59) 2-Hexanone	10.97	43	40423	96.008	ug/l	98
60) Dibromochloromethane	11.13	129	20108	20.430	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15496	19.611	ug/l	97
64) Tetrachloroethene	10.86	164	23872	22.139	ug/l	96
65) Chlorobenzene	11.66	112	75212	21.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22842	21.585	ug/l	99
67) Ethyl Benzene	11.73	91	140332	21.837	ug/l	97
68) m/p-Xylenes	11.84	106	110070	43.656	ug/l	100
69) o-Xylene	12.17	106	50966	21.438	ug/l	100
70) Styrene	12.18	104	80469	21.267	ug/l	100
71) Bromoform	12.35	173	9458	18.972	ug/l #	95
73) Isopropylbenzene	12.47	105	141207	22.058	ug/l	100
74) N-amyl acetate	12.27	43	21447	19.990	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	17312	20.321	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	10648m	16.451	ug/l	
77) Bromobenzene	12.75	156	29165	21.212	ug/l	99
78) n-propylbenzene	12.81	91	171247	22.084	ug/l	99
79) 2-Chlorotoluene	12.90	91	96373	21.555	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	119141	21.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4841	18.778	ug/l	90
82) 4-Chlorotoluene	12.99	91	102209	21.784	ug/l	100
83) tert-Butylbenzene	13.21	119	105653	22.044	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	119545	21.675	ug/l	99
85) sec-Butylbenzene	13.39	105	148982	22.003	ug/l	99
86) p-Isopropyltoluene	13.51	119	132301	22.148	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	60824	21.669	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60375	21.573	ug/l	98
89) n-Butylbenzene	13.83	91	124469	22.142	ug/l	98
90) Hexachloroethane	14.10	117	18985	21.770	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	53034	21.562	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2786	19.362	ug/l	94

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MSVOA_W
ClientSampleId :
VW1122SBSD01

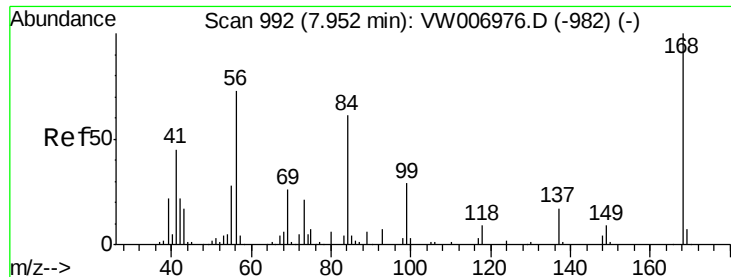
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32235	19.875	ug/l	98
94) Hexachlorobutadiene	15.24	225	18605	21.101	ug/l	98
95) Naphthalene	15.38	128	54473	18.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	26783	19.905	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

Tot Ion:168 Resp: 117052

Ion Ratio Lower Upper

168 100

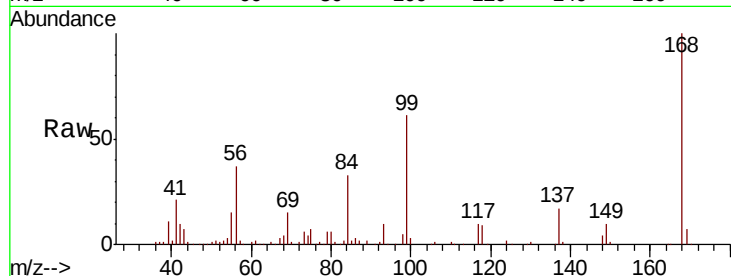
99 61.3 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

20000

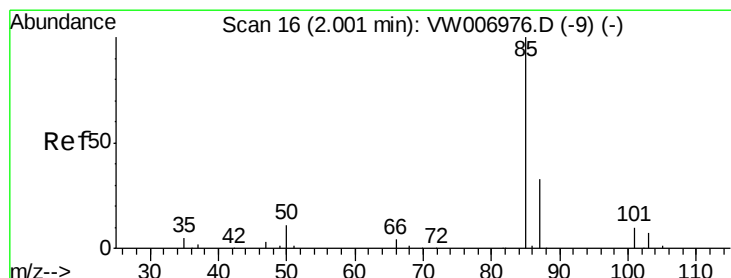
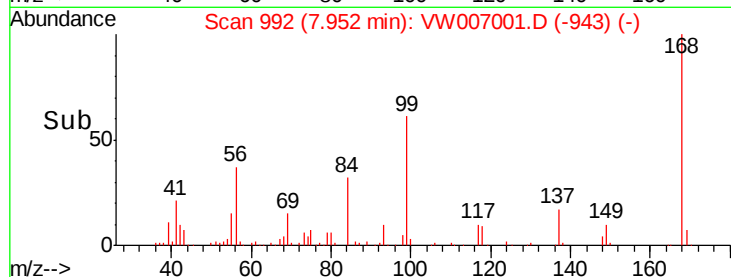
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 24.663 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007001.D

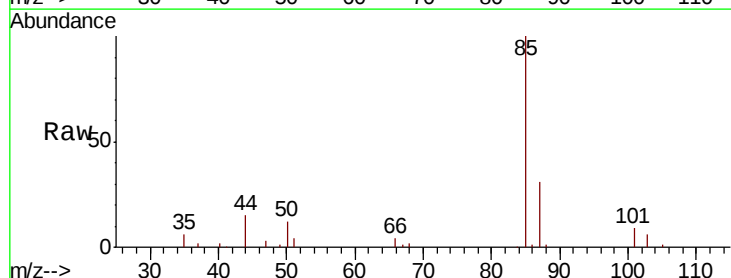
Acq: 21 Nov 2018 15:52

Tgt Ion: 85 Resp: 28503

Ion Ratio Lower Upper

85 100

87 30.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

10000

5000

0

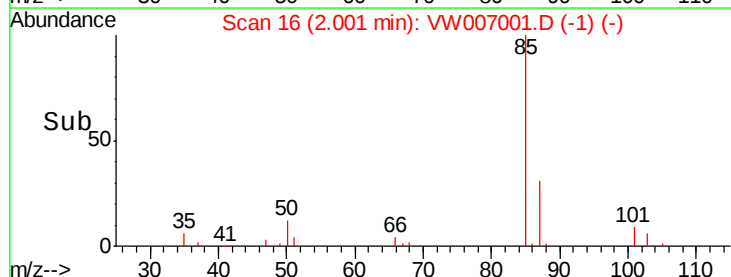
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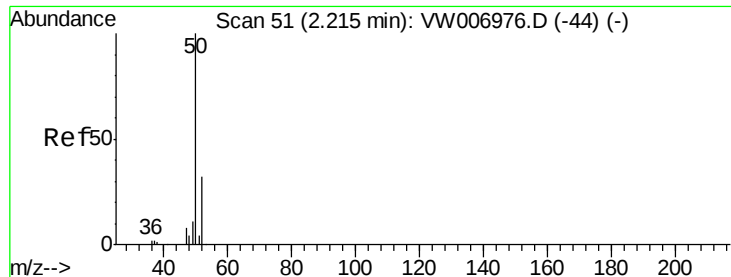
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 22.662 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

Tot Ion: 50 Resp: 21826

Ion Ratio Lower Upper

50 100

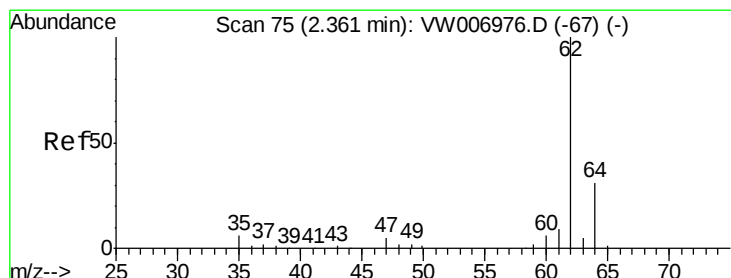
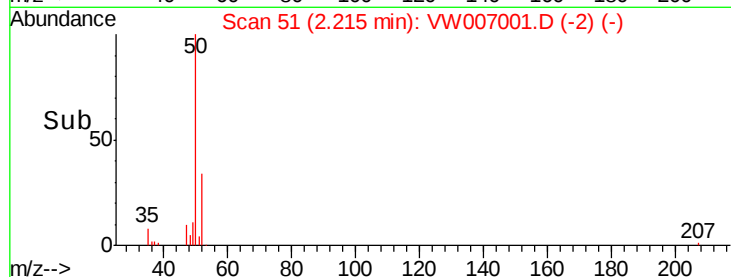
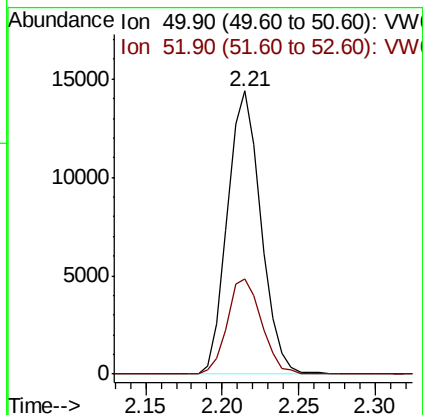
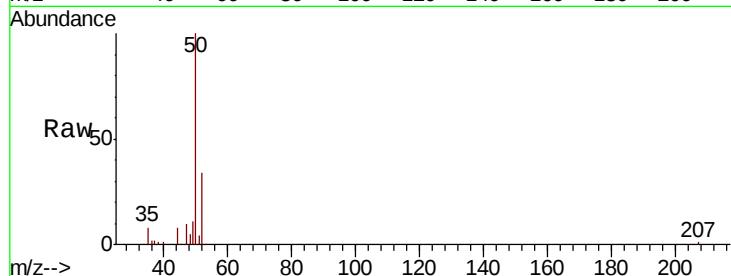
52 33.6 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.460 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007001.D

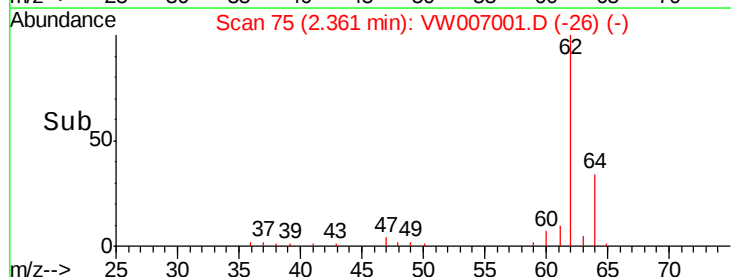
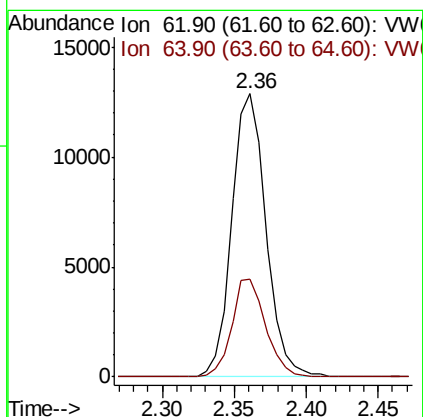
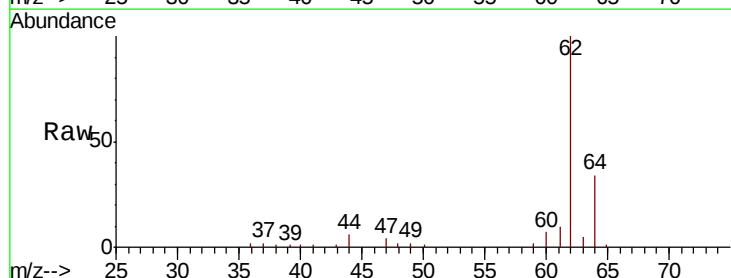
Acq: 21 Nov 2018 15:52

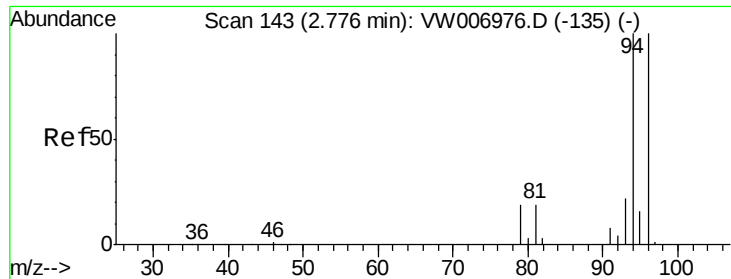
Tgt Ion: 62 Resp: 21283

Ion Ratio Lower Upper

62 100

64 34.4 25.2 37.8





#5

Bromomethane

Concen: 22.812 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 94 Resp: 11538

Ion Ratio Lower Upper

94 100

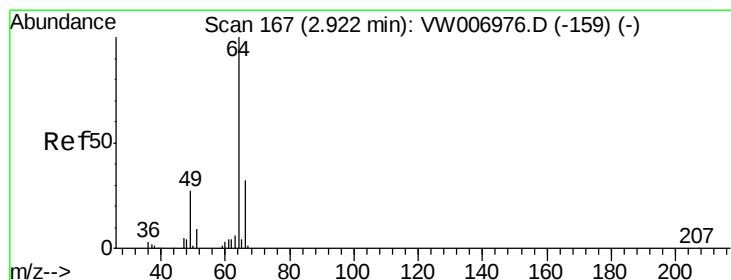
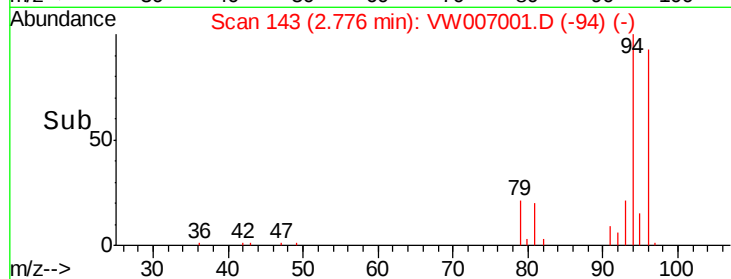
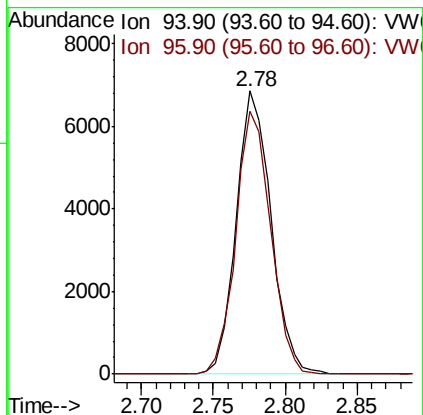
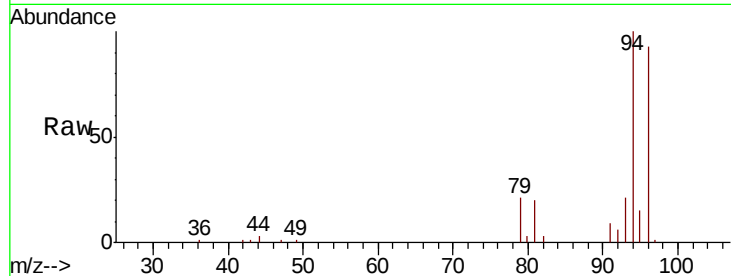
96 92.9 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 20.966 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007001.D

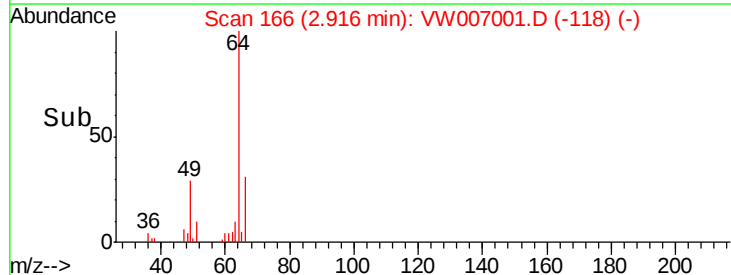
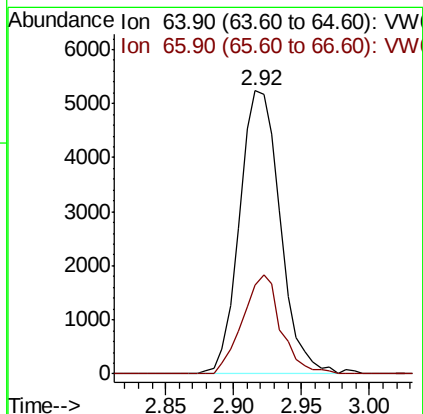
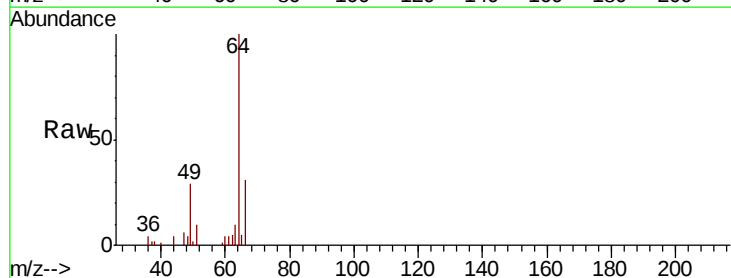
Acq: 21 Nov 2018 15:52

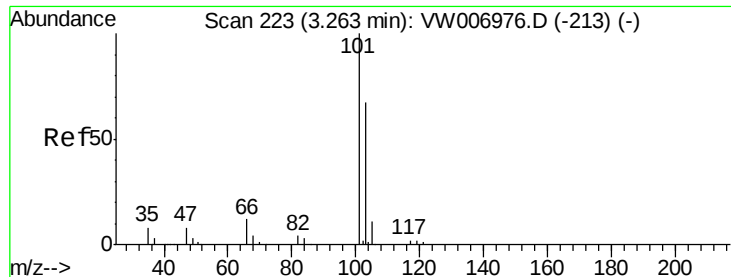
Tgt Ion: 64 Resp: 10952

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9





#7

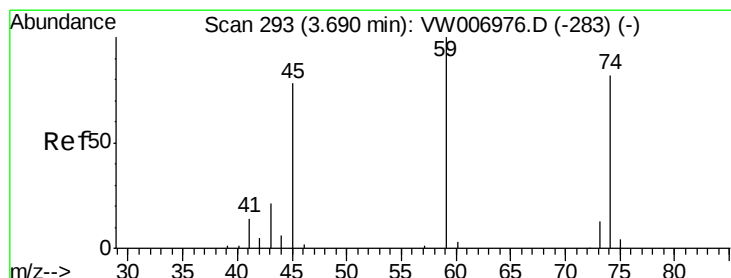
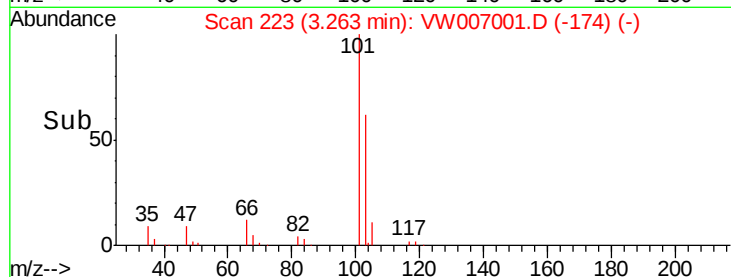
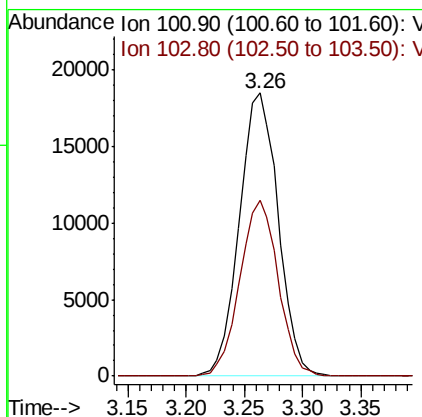
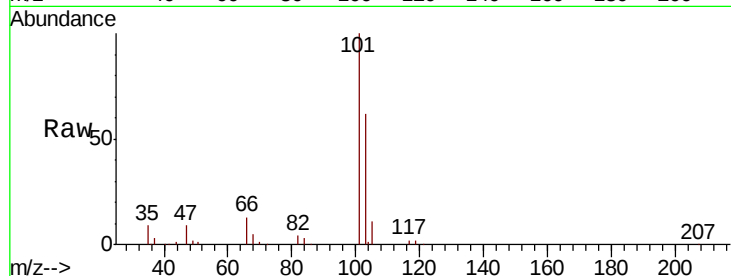
Trichlorofluoromethane
Concen: 23.134 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

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ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	53.4	80.2

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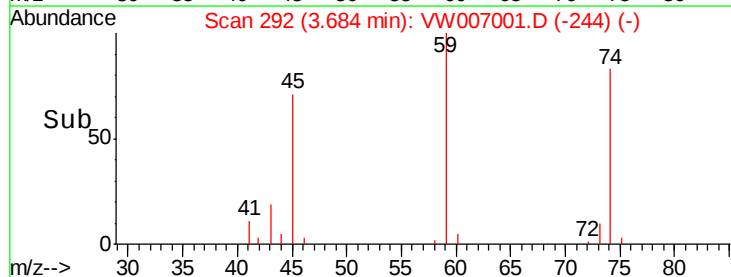
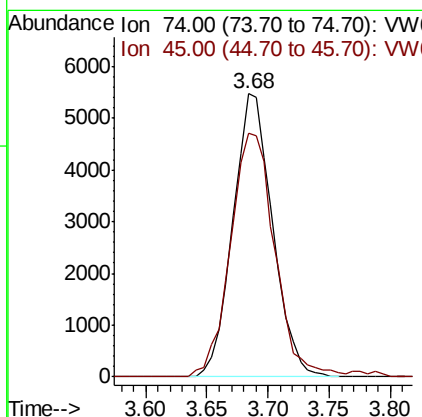
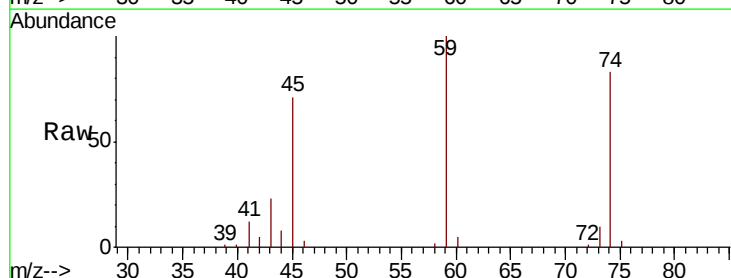
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11/26/2018 1:04:50 PM



#8

Diethyl Ether
Concen: 20.441 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.306 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

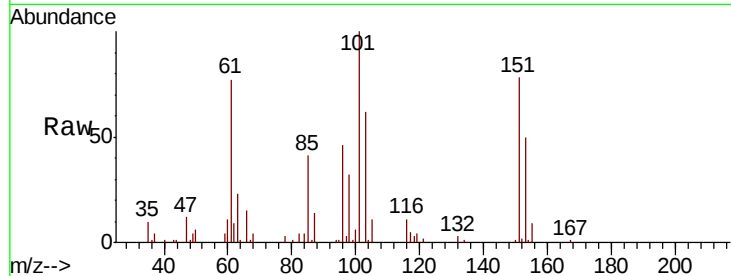
ClientSampleId :

VW1122SBS01

Tot Ion:	101	Resp:	28154
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.3	51.5
151	77.0	63.4	95.2

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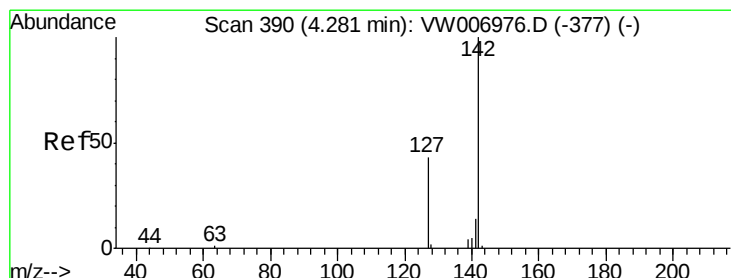
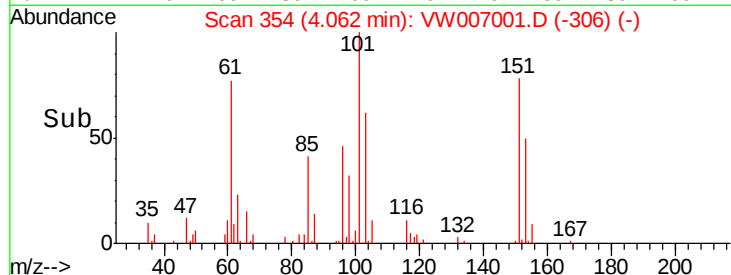
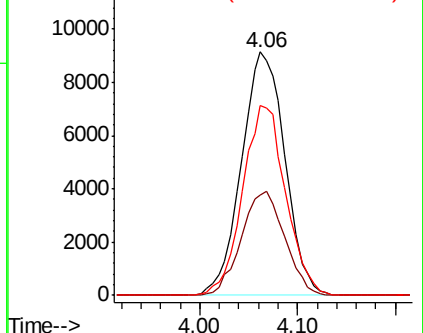


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.083 ug/l

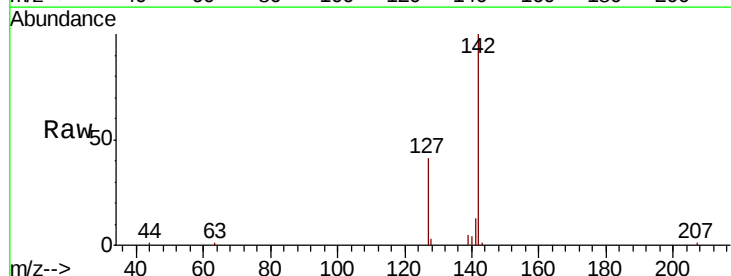
RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Tgt Ion:	142	Resp:	26389
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.3	52.9
141	14.4	11.7	17.5

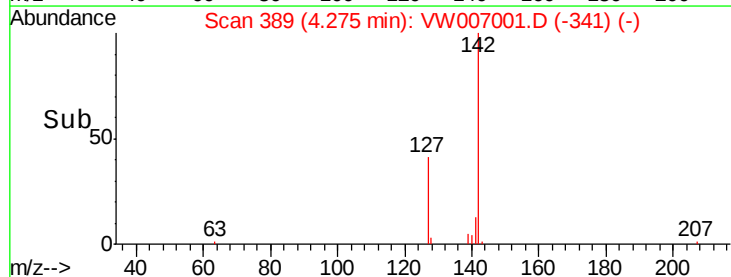
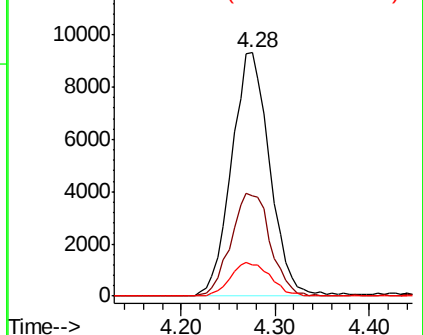


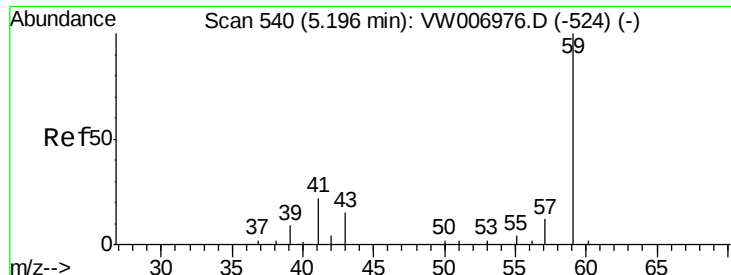
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





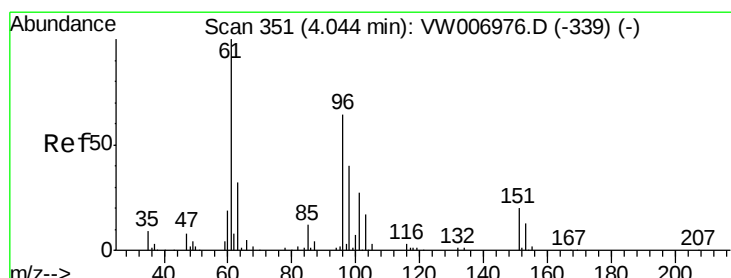
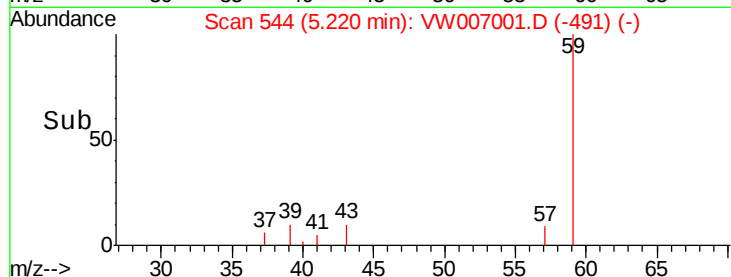
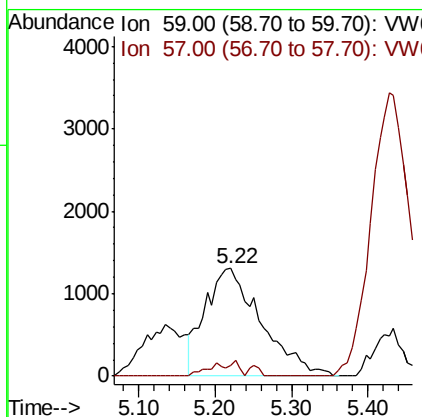
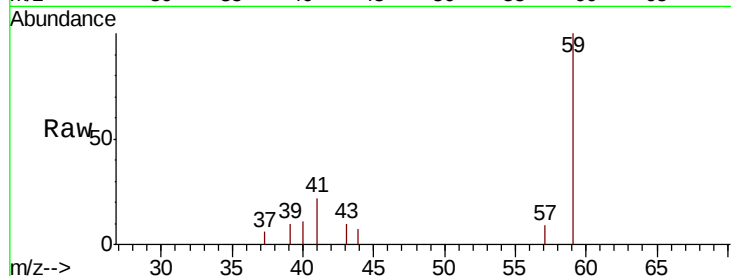
#11
Tert butyl alcohol
Concen: 89.181 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

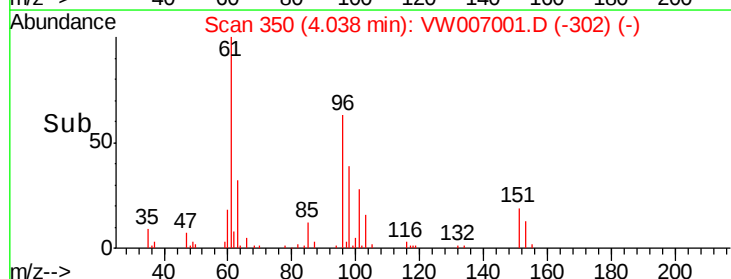
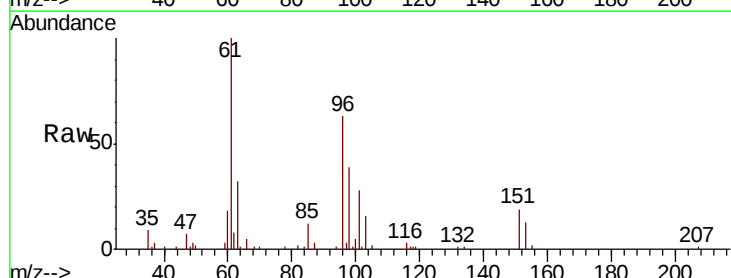
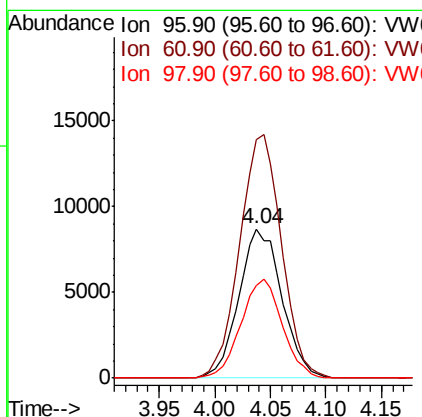
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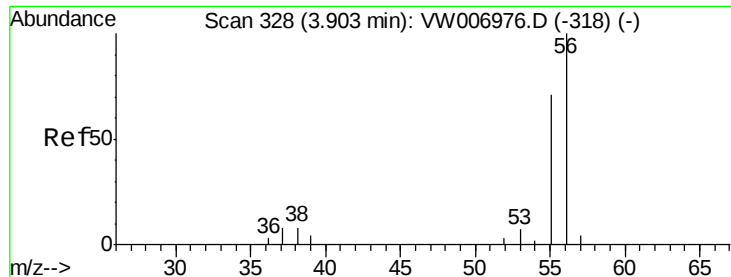
MMDadoda
11/26/2018 1:04:50 PM



#12
1,1-Dichloroethene
Concen: 22.062 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.8	124.3	186.5
98	62.1	49.4	74.2





#13

Acrolein

Concen: 97.047 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 56 Resp: 7435

Ion Ratio Lower Upper

56 100

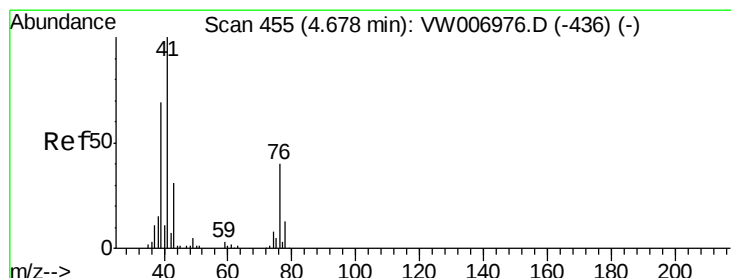
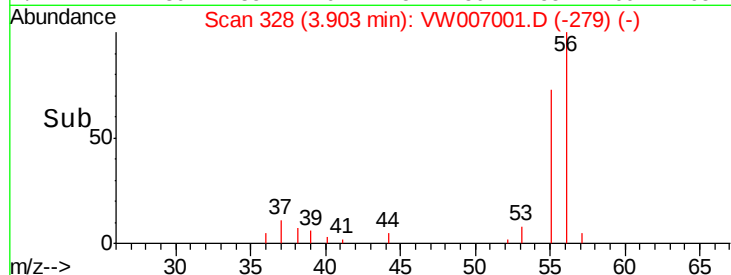
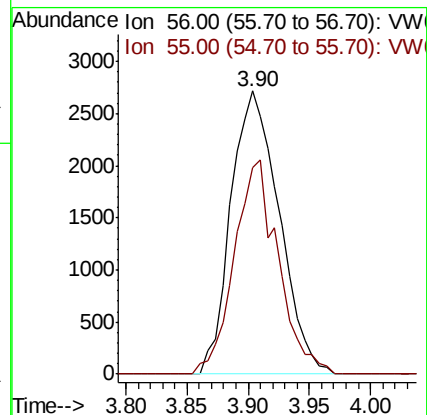
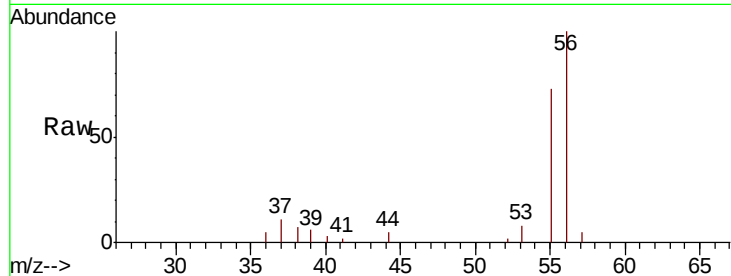
55 68.7 57.5 86.3

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#14

Allyl chloride

Concen: 21.151 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

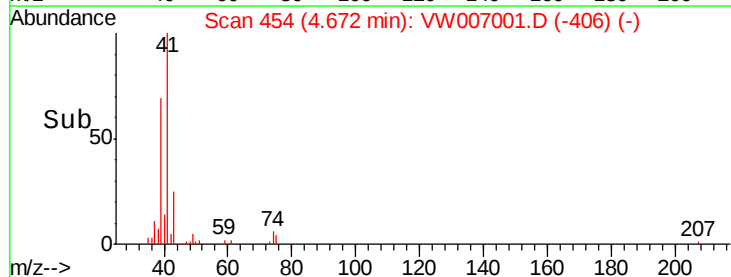
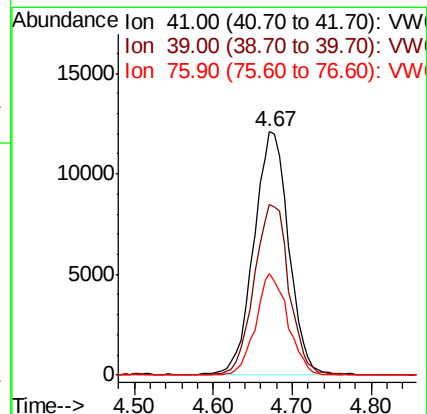
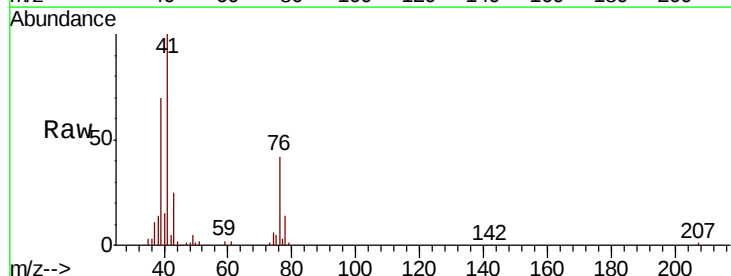
Tgt Ion: 41 Resp: 37169

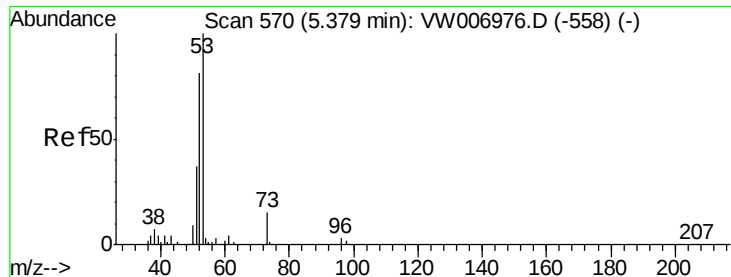
Ion Ratio Lower Upper

41 100

39 70.1 55.4 83.2

76 38.2 29.6 44.4





#15

Acrylonitrile

Concen: 93.843 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

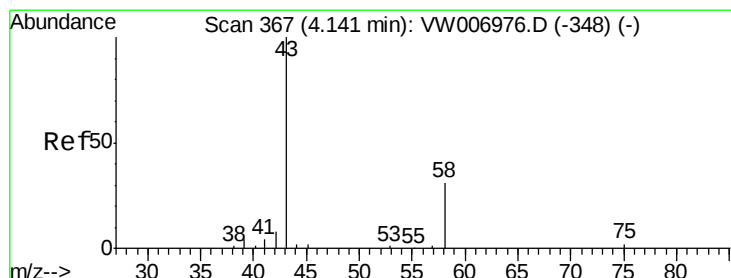
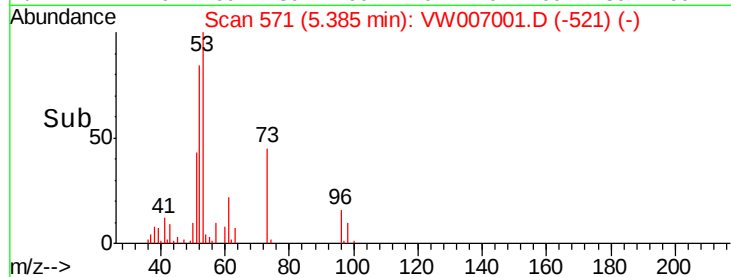
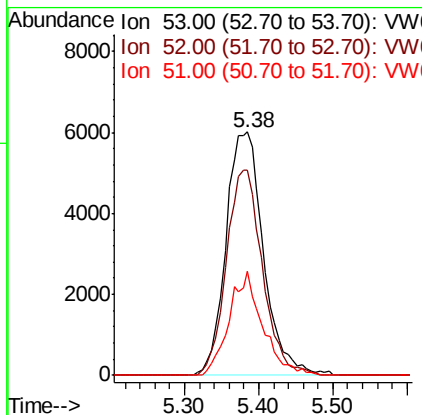
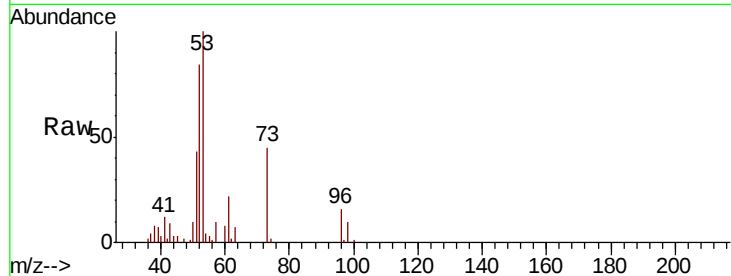
ClientSampleId :

VW1122SBSD01

Tot Ion:	53	Resp:	21177
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.7	98.5
51	37.9	29.9	44.9

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#16

Acetone

Concen: 100.871 ug/l

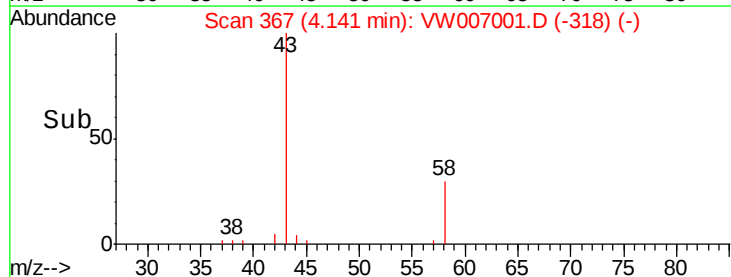
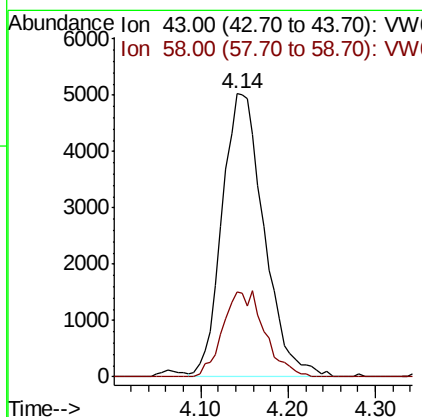
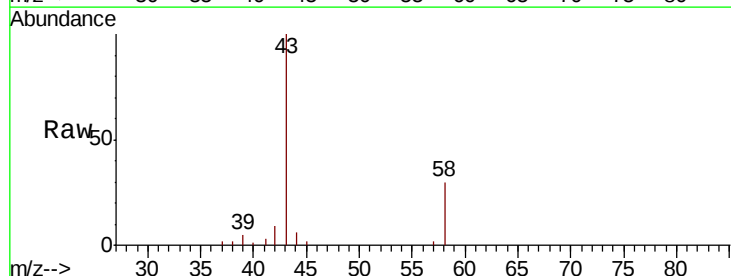
RT: 4.14 min Scan# 367

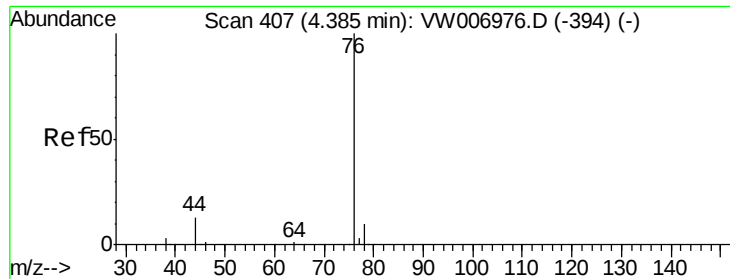
Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Tgt Ion:	43	Resp:	16783
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.8	37.2





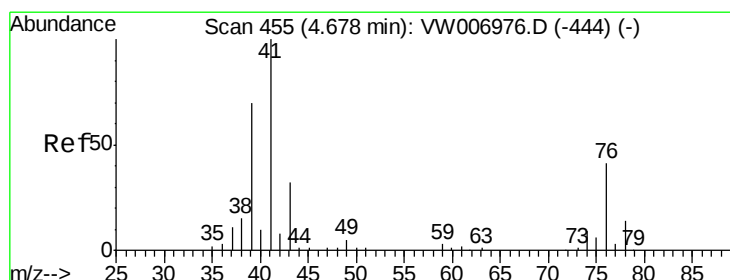
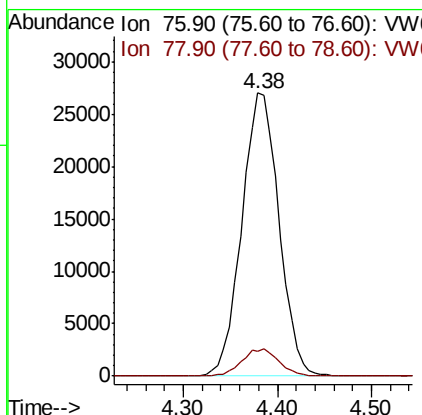
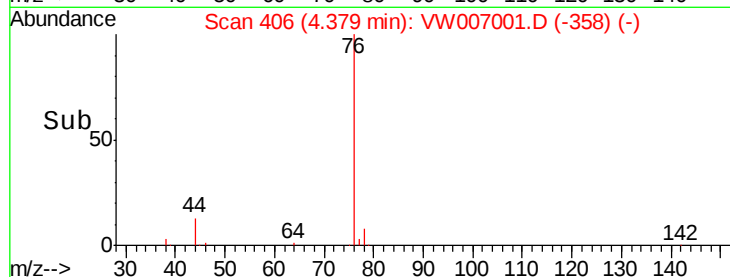
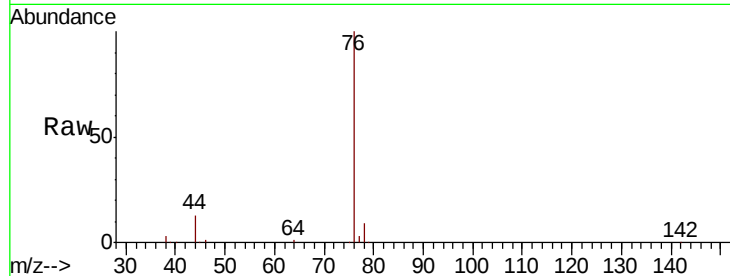
#17
Carbon Disulfide
Concen: 21.676 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	76	Resp	74246
Ion Ratio	Lower	Upper	
76	100		
78	9.0	7.8	11.6

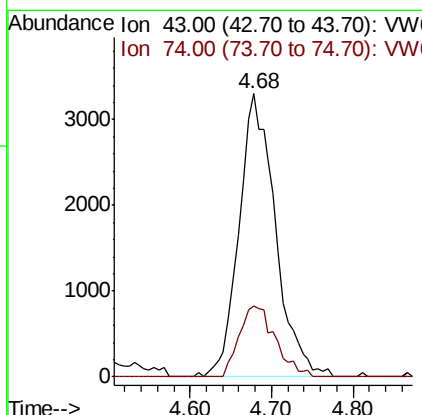
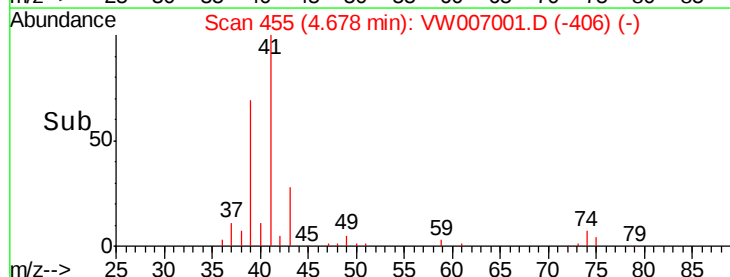
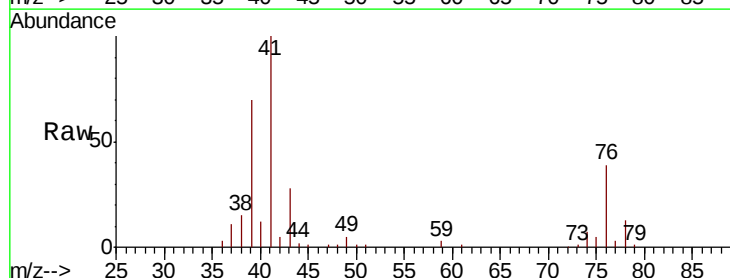
Manual Integrations
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#18
Methyl Acetate
Concen: 17.259 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	43	Resp	10226
Ion Ratio	Lower	Upper	
43	100		
74	24.9	20.1	30.1





#19

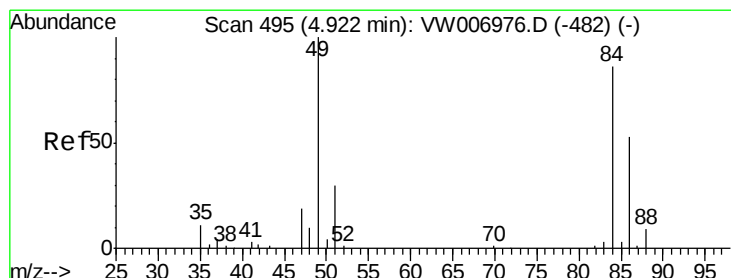
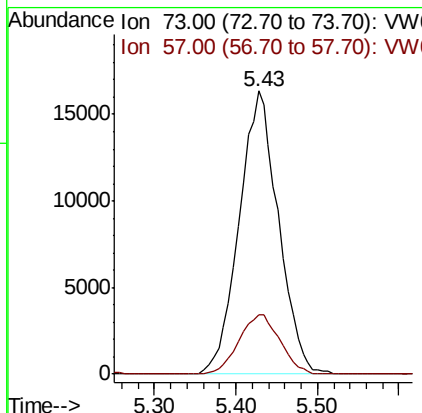
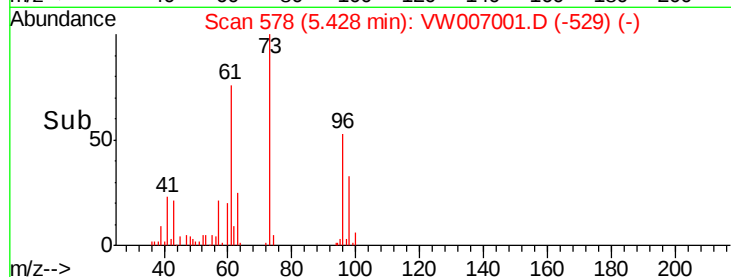
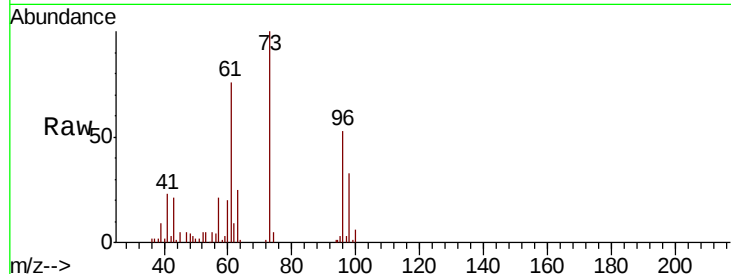
Methyl tert-butyl Ether
 Concen: 19.732 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.7	25.1

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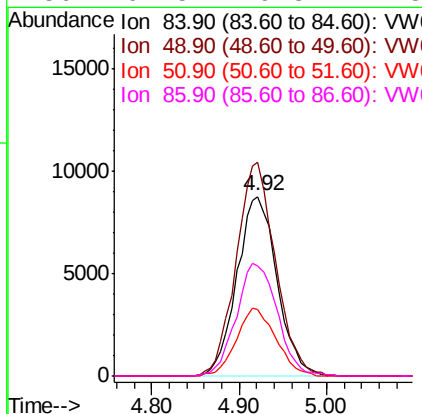
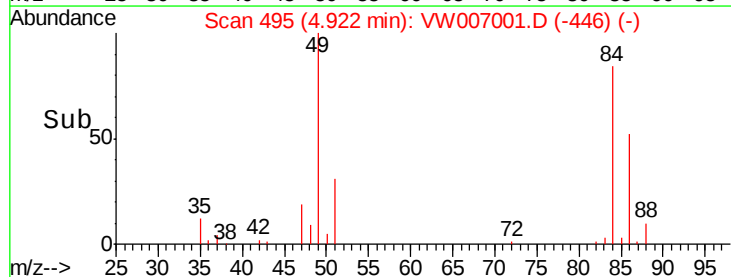
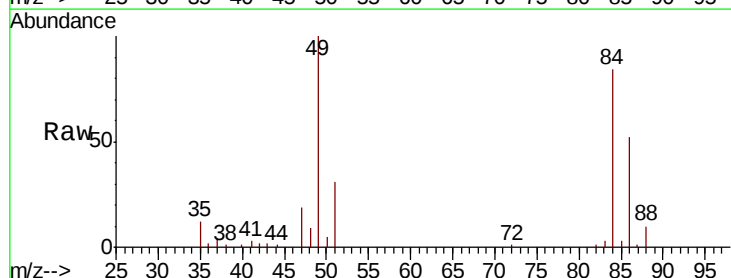
MMDadoda
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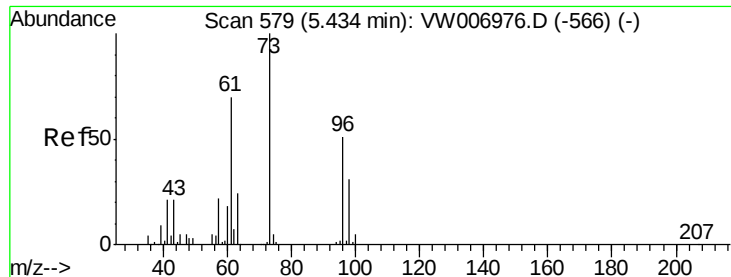


#20

Methylene Chloride
 Concen: 17.587 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	93.4	140.0
51	37.1	28.4	42.6
86	61.5	49.8	74.8





#21

trans-1,2-Dichloroethene

Concen: 21.457 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

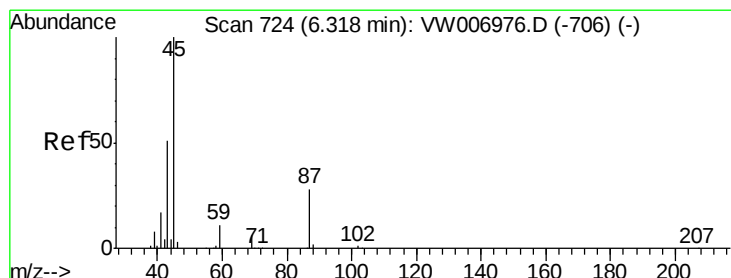
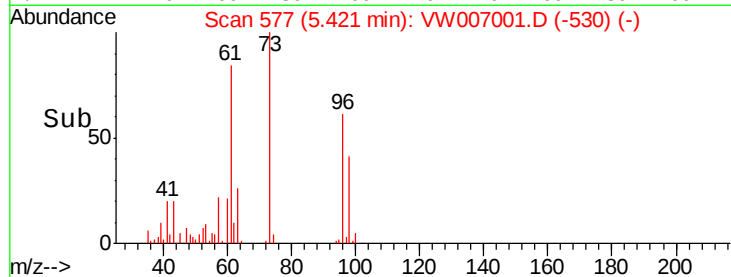
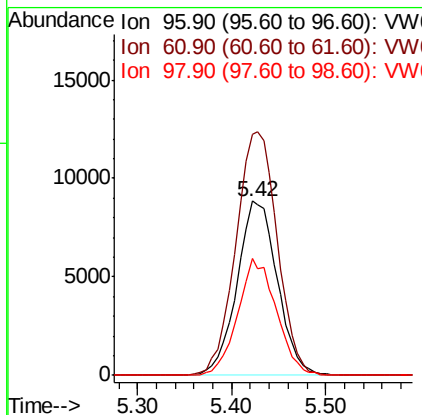
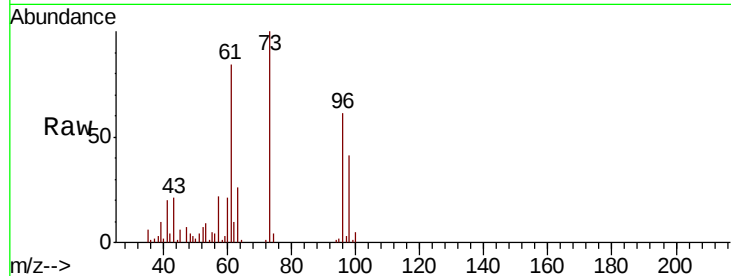
ClientSampleId :

VW1122SBS01

Tot Ion:	96	Resp:	26482
Ion	Ratio	Lower	Upper
96	100		
61	138.2	109.4	164.0
98	67.2	48.3	72.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.484 ug/l

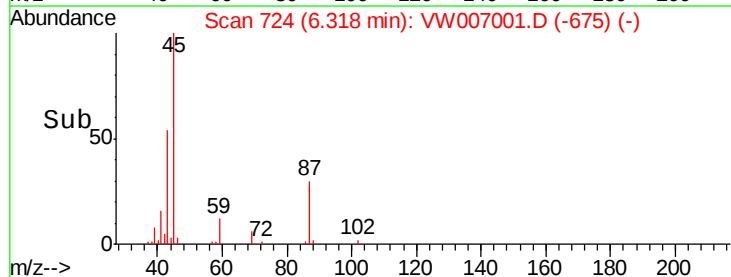
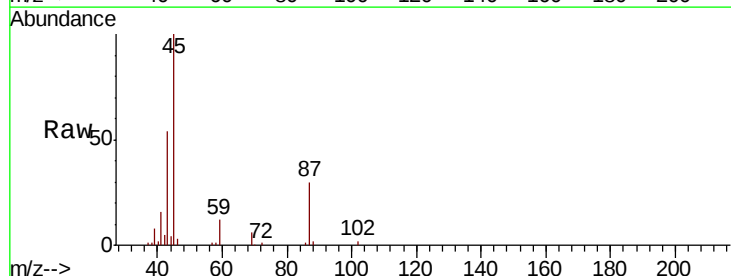
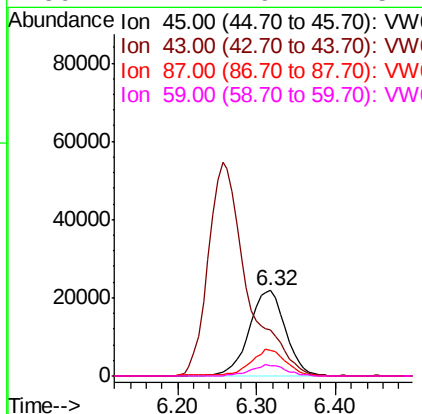
RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Tgt Ion:	45	Resp:	70062
Ion	Ratio	Lower	Upper
45	100		
43	53.6	42.5	63.7
87	30.1	22.8	34.2
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 102.859 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 186827

Ion Ratio Lower Upper

43 100

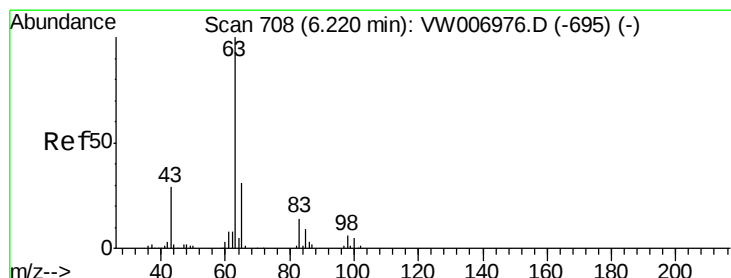
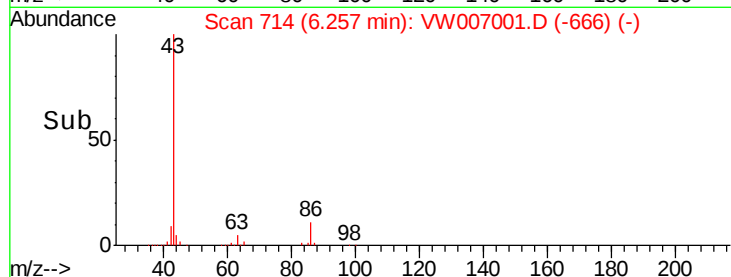
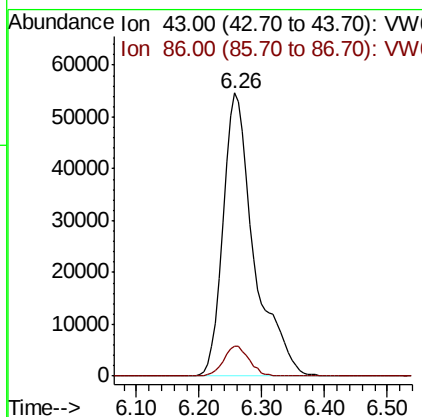
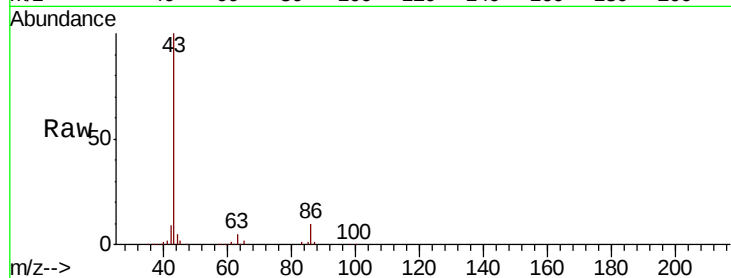
86 10.5 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.631 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

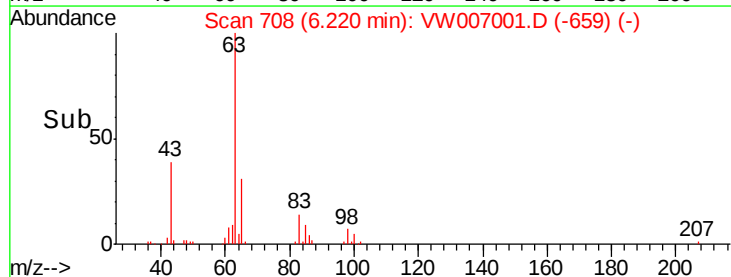
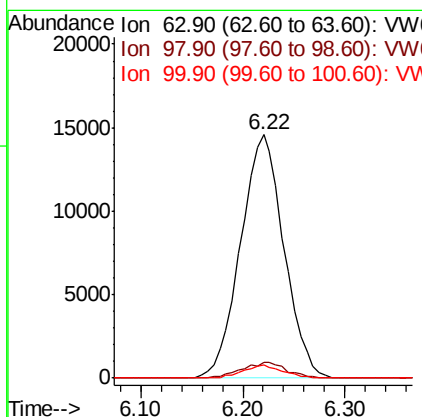
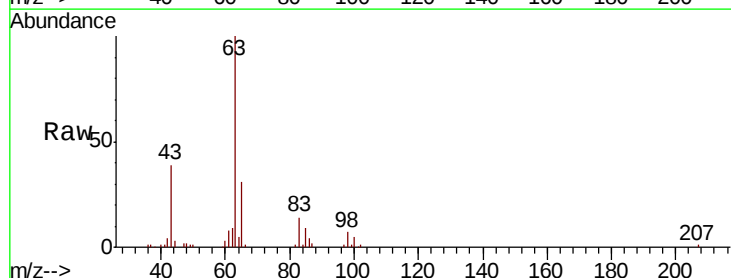
Tgt Ion: 63 Resp: 42929

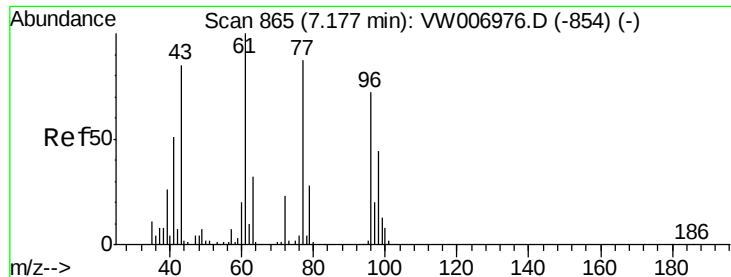
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 93.608 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 26675

Ion Ratio Lower Upper

43 100

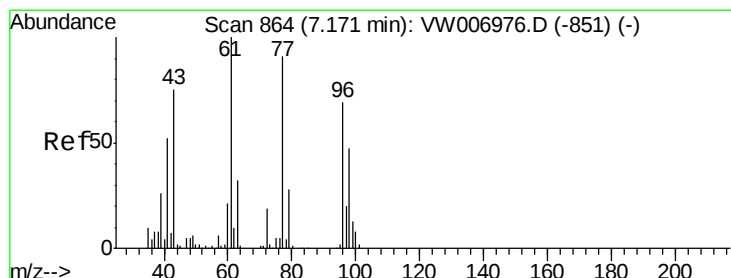
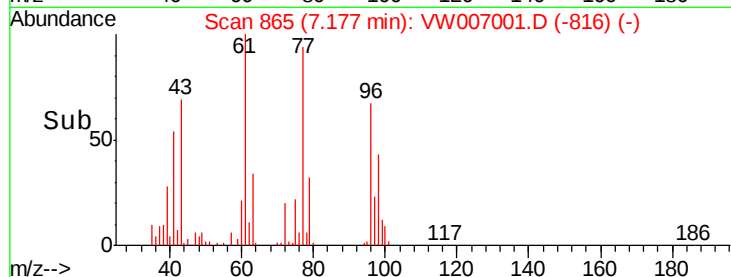
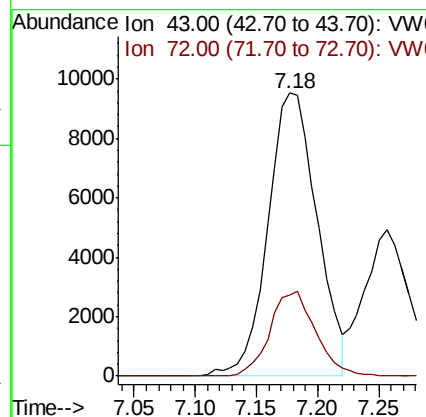
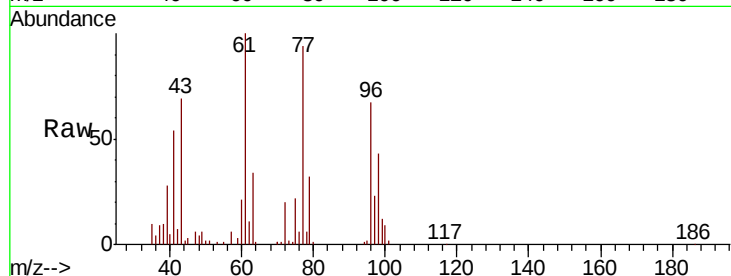
72 28.7 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 22.910 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007001.D

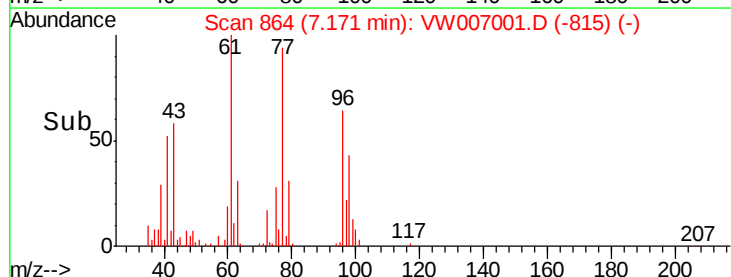
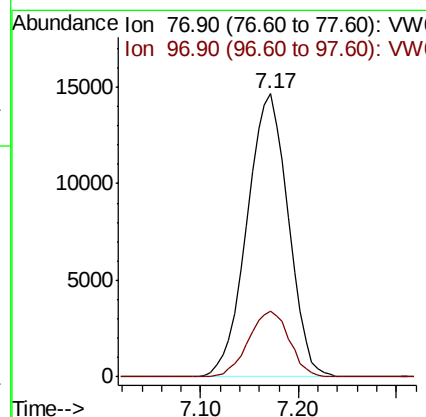
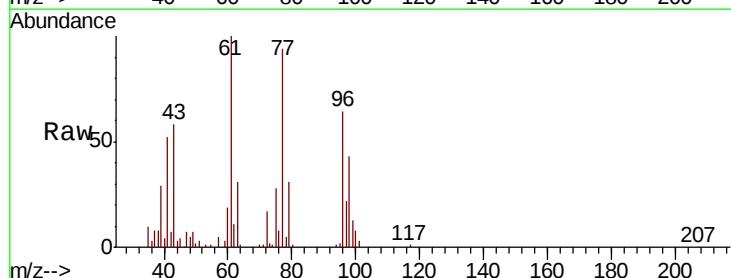
Acq: 21 Nov 2018 15:52

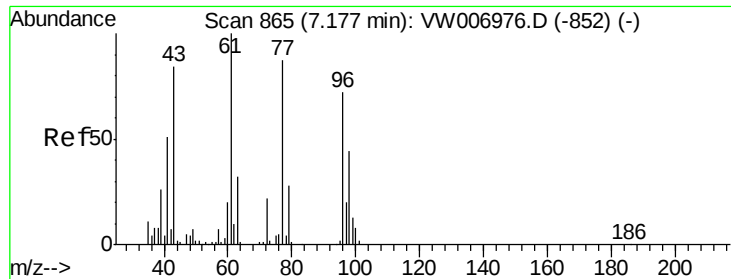
Tgt Ion: 77 Resp: 42868

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

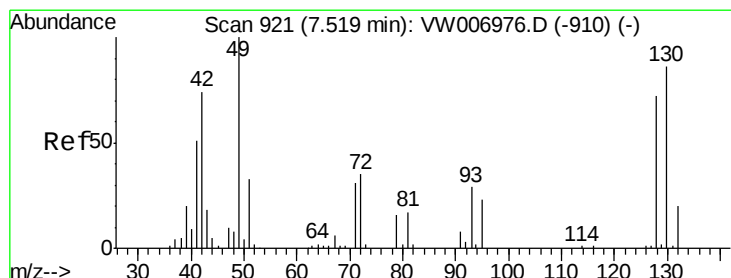
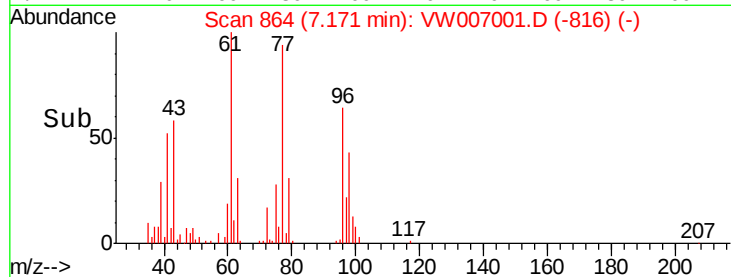
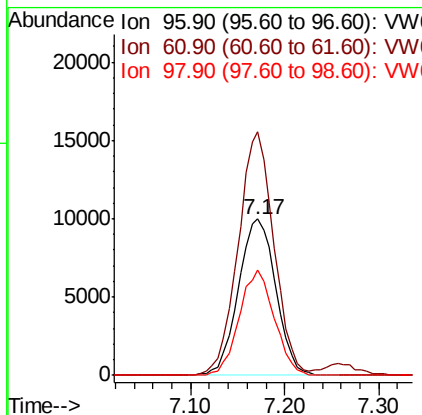
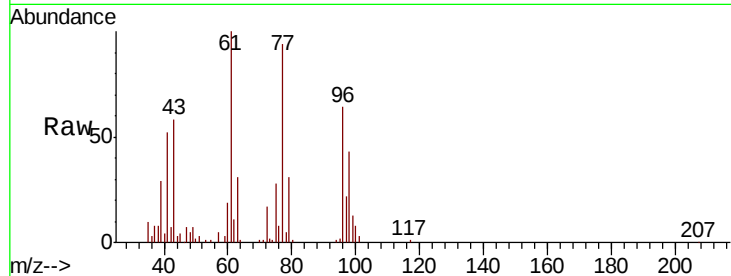
cis-1,2-Dichloroethene
Concen: 21.088 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	292.6
98	63.0	0.0	129.8

Manual Integrations
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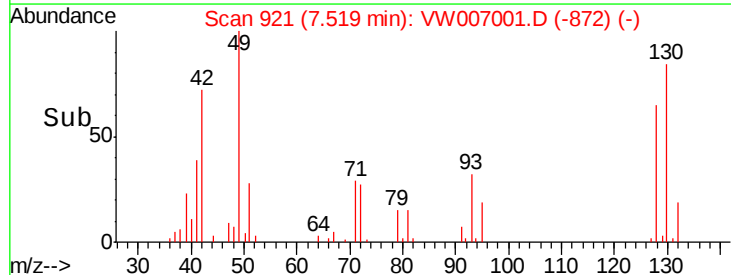
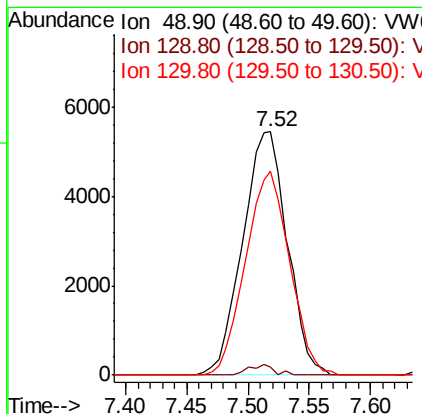
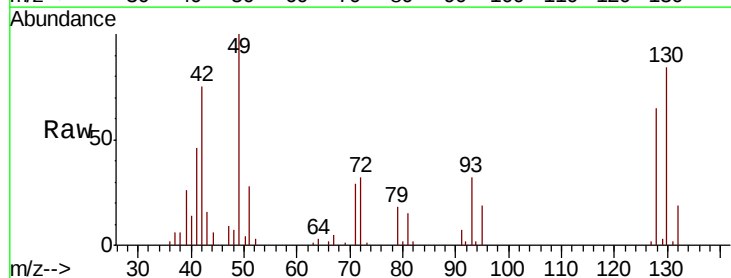
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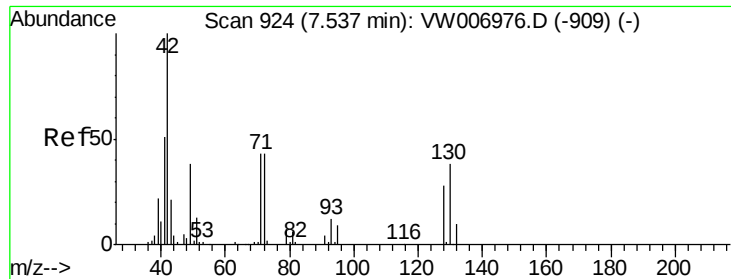


#28

Bromochloromethane
Concen: 17.749 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.0#
130	83.2	69.0	103.4





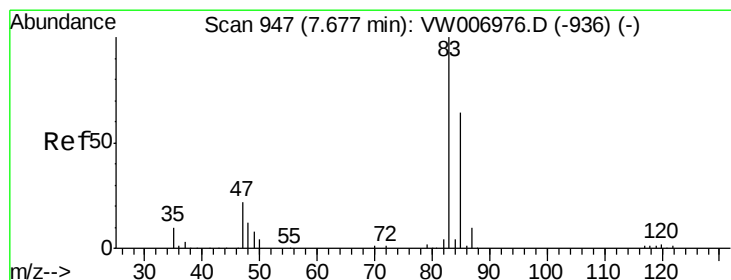
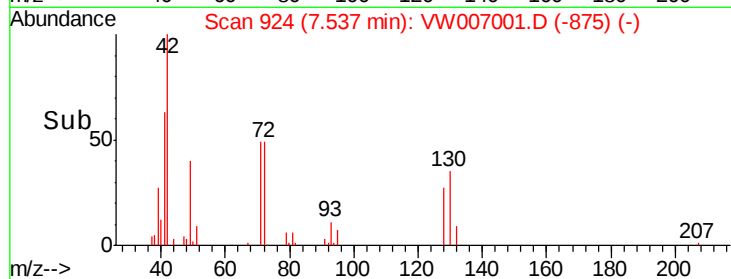
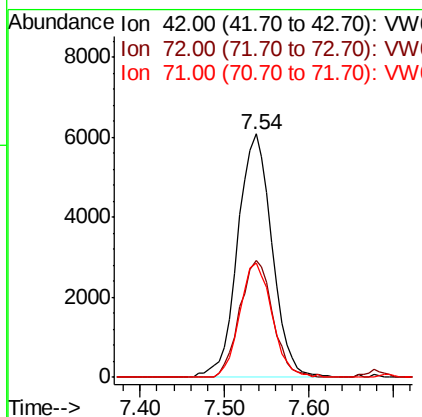
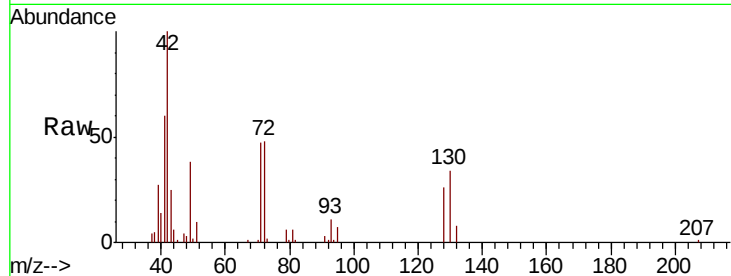
#29
Tetrahydrofuran
Concen: 90.915 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.2	54.4
71	44.1	33.8	50.8

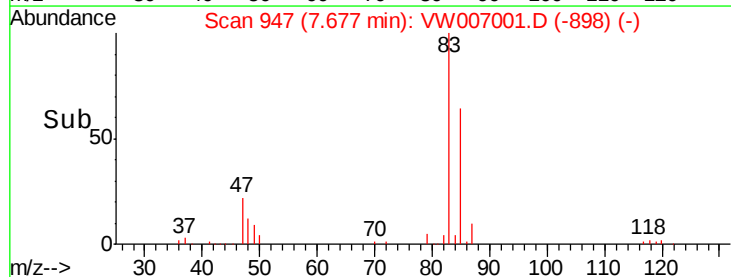
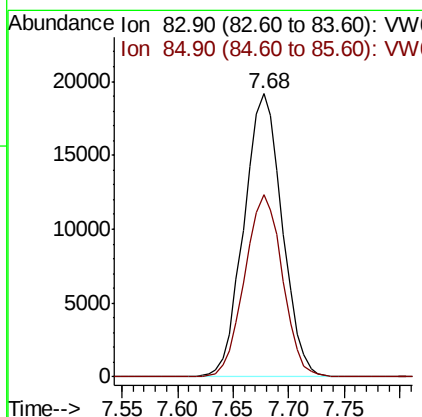
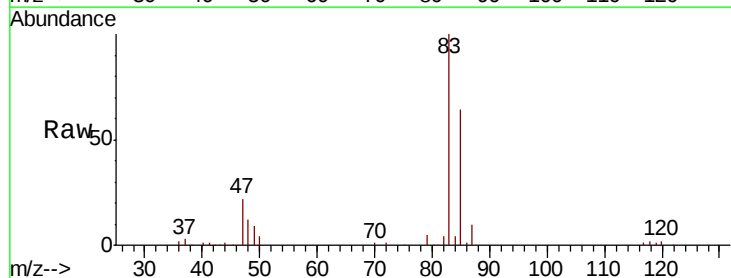
Manual Integrations
APPROVED

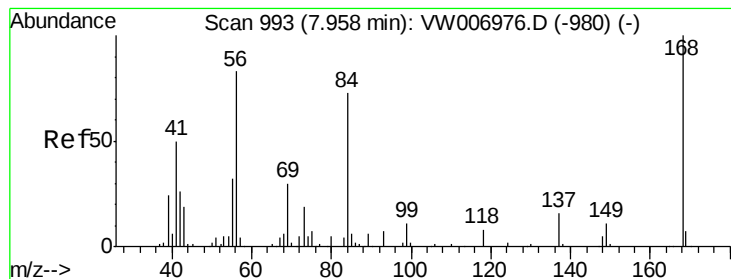
MMDadoda
11/26/2018 1:04:50 PM



#30
Chloroform
Concen: 20.718 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3





#31

Cyclohexane

Concen: 23.067 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 56 Resp: 50909

Ion Ratio Lower Upper

56 100

69 39.6 29.1 43.7

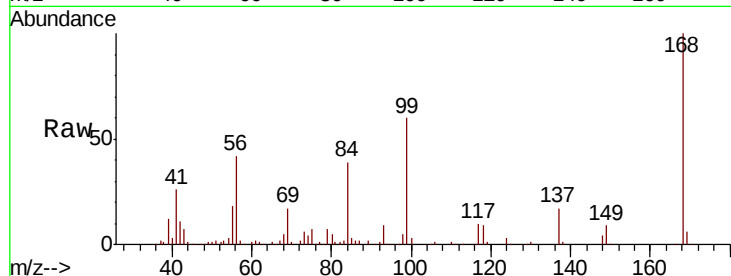
84 91.0 70.6 105.8

Manual Integrations

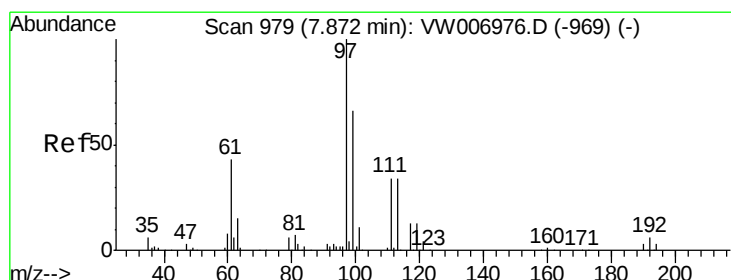
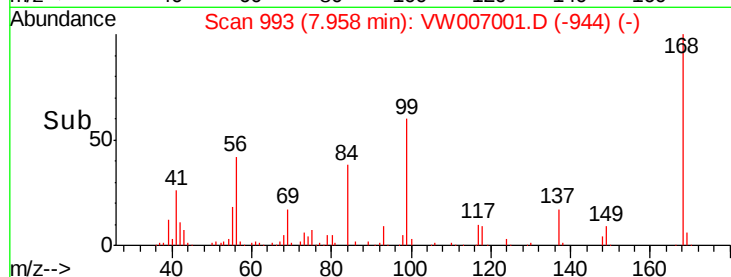
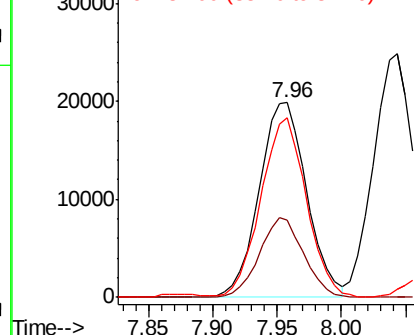
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 22.884 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

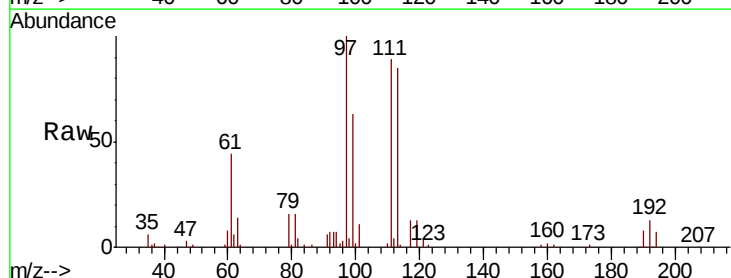
Tgt Ion: 97 Resp: 45564

Ion Ratio Lower Upper

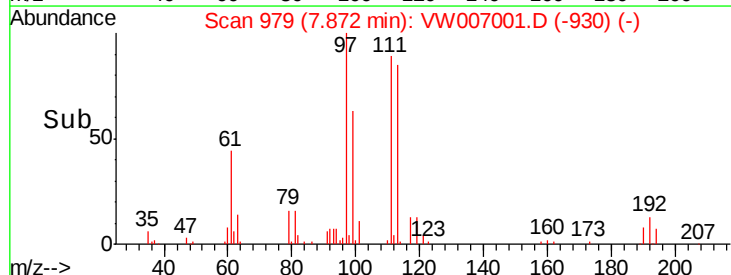
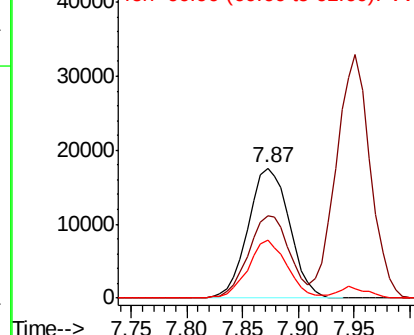
97 100

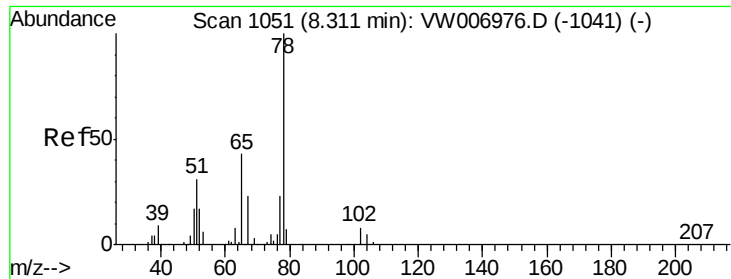
99 63.1 51.9 77.9

61 41.9 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 49.535 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 65 Resp: 56765

Ion Ratio Lower Upper

65 100

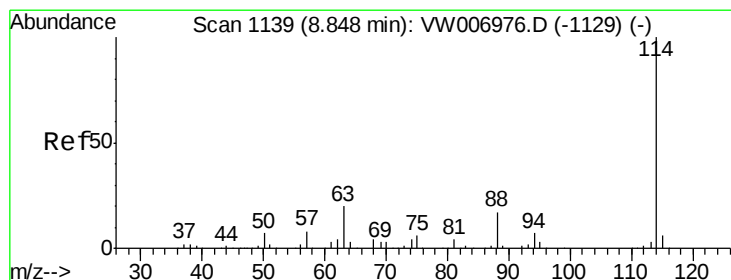
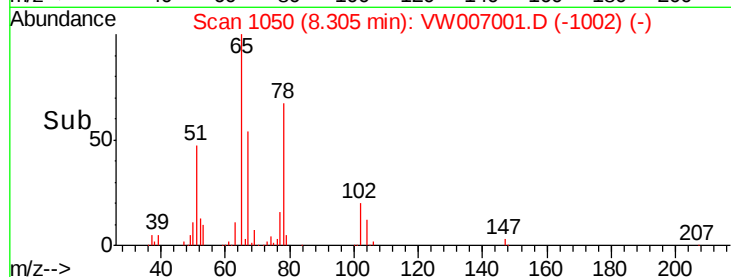
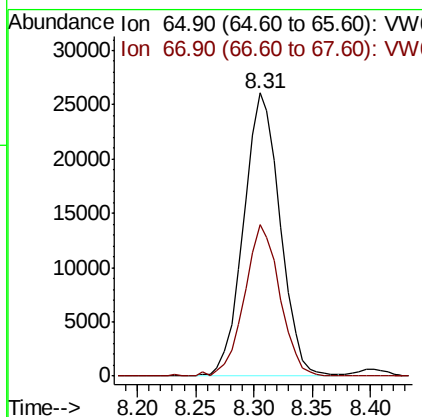
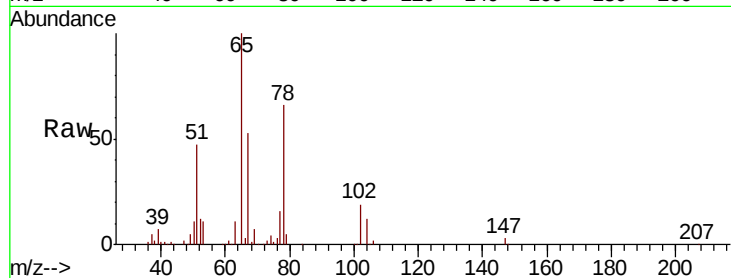
67 51.9 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

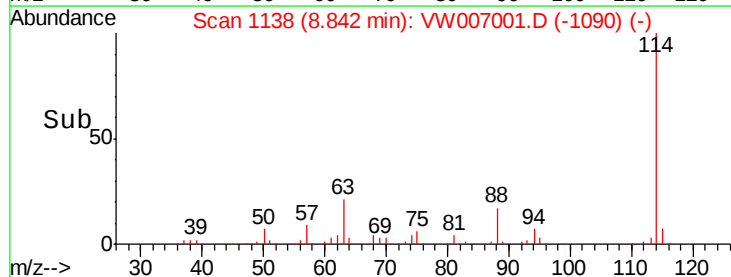
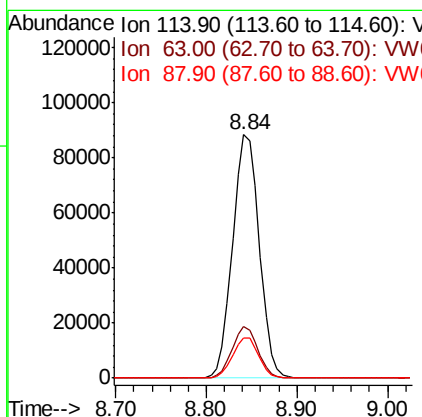
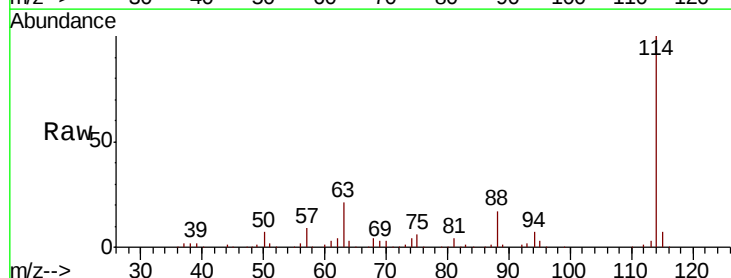
Tgt Ion: 114 Resp: 180292

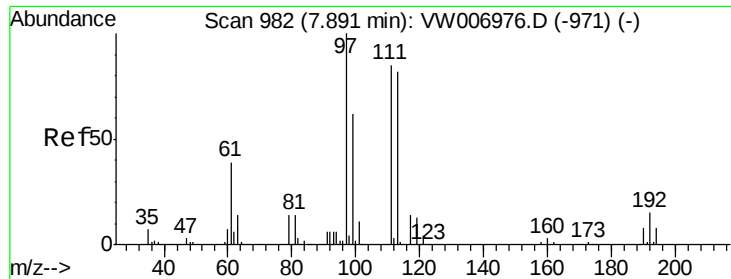
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.4

88 16.5 0.0 34.2





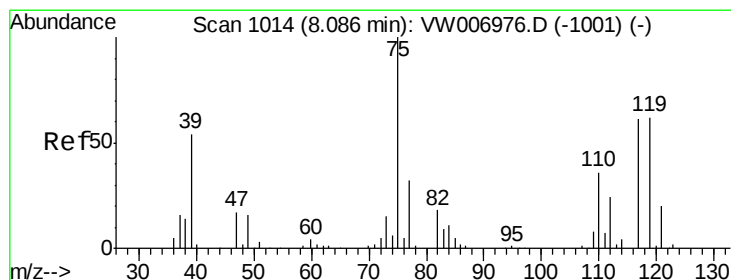
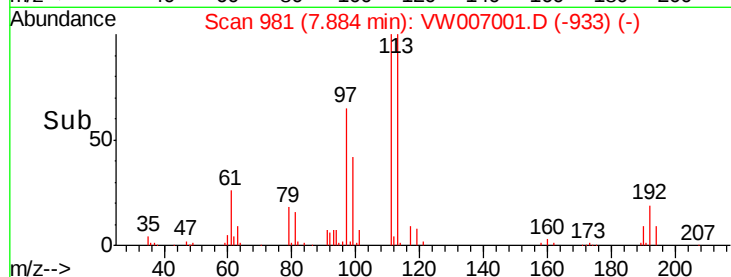
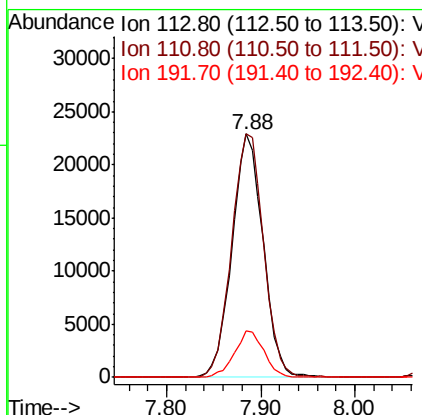
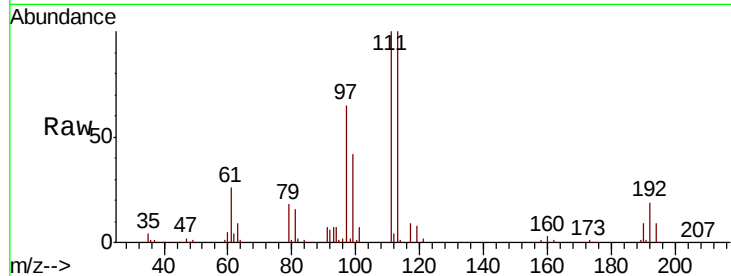
#35
 Dibromofluoromethane
 Concen: 51.552 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.6
192	17.9	15.0	22.6

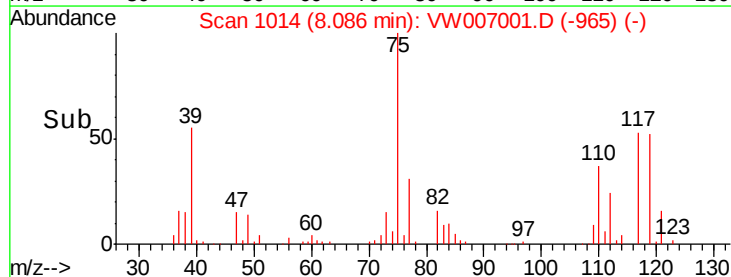
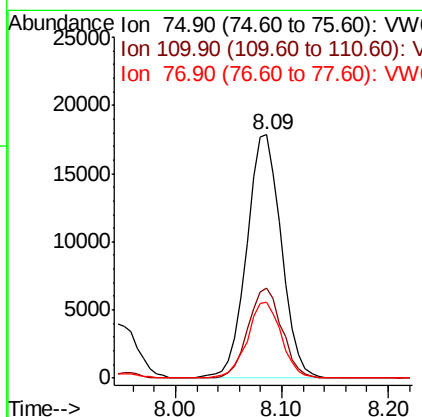
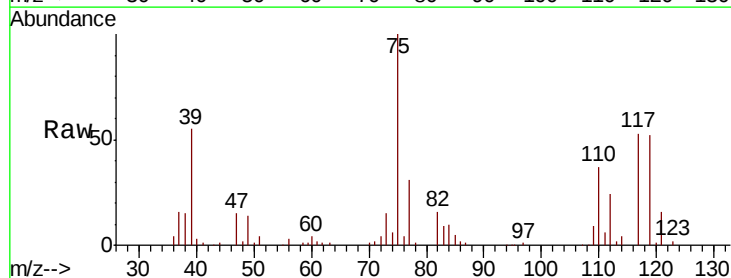
Manual Integrations
 APPROVED

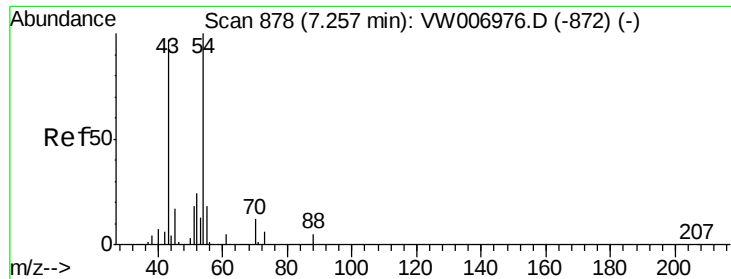
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 11/26/2018 1:04:50 PM



#36
 1,1-Dichloropropene
 Concen: 23.146 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.0	54.0
77	30.7	24.9	37.3





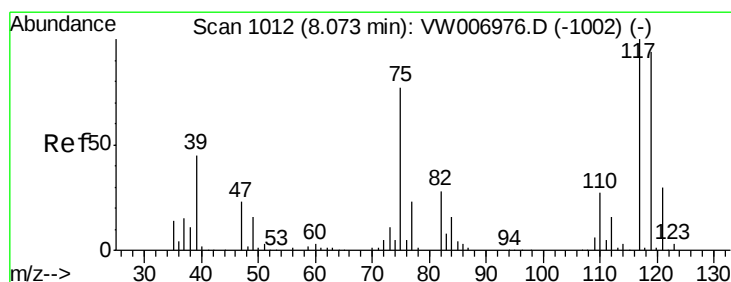
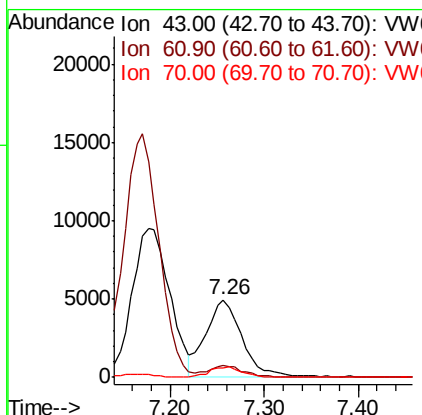
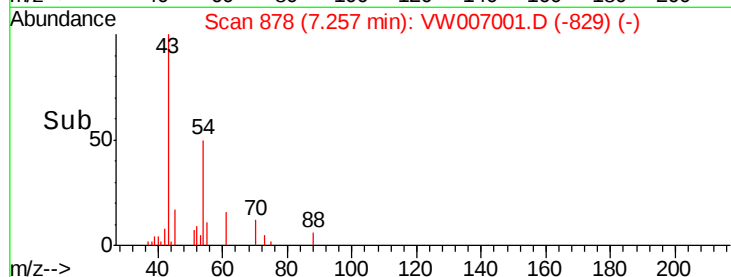
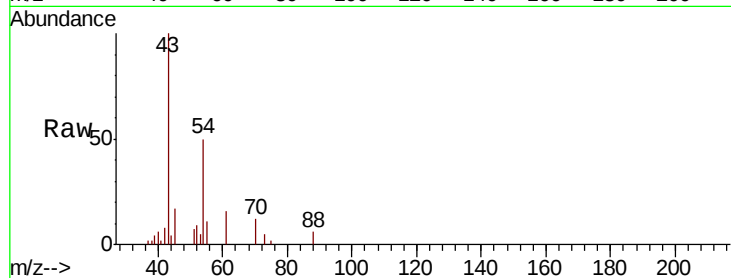
#37
Ethyl Acetate
Concen: 20.939 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.4	15.6
70	11.7	8.8	13.2

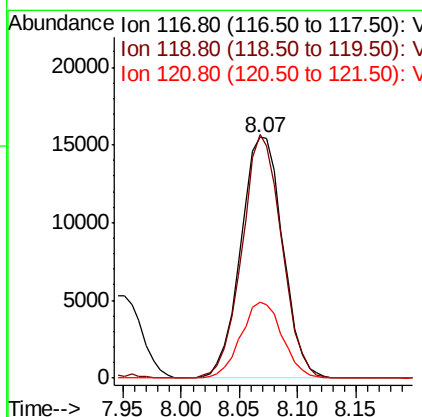
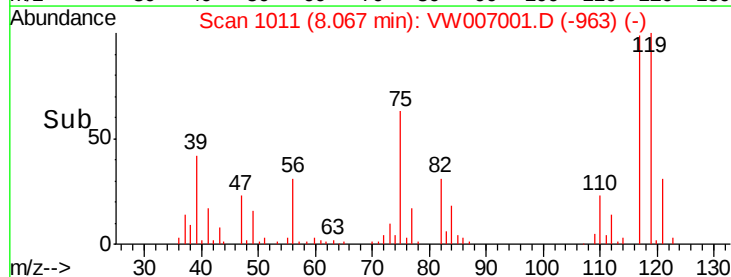
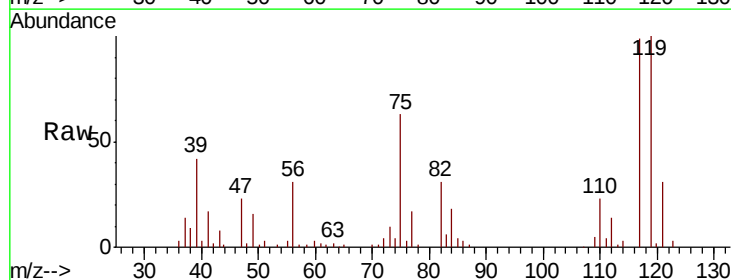
Manual Integrations
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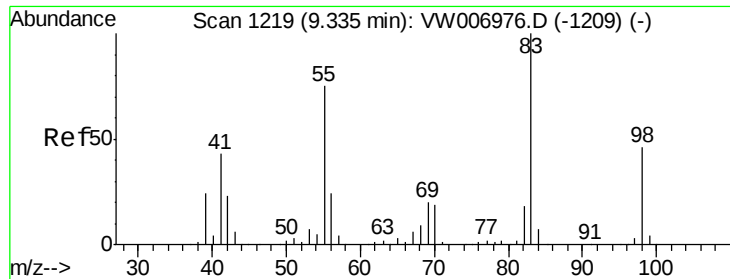
MMDadoda
11/26/2018 1:04:50 PM



#38
Carbon Tetrachloride
Concen: 23.138 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.1	74.9	112.3
121	31.8	23.6	35.4





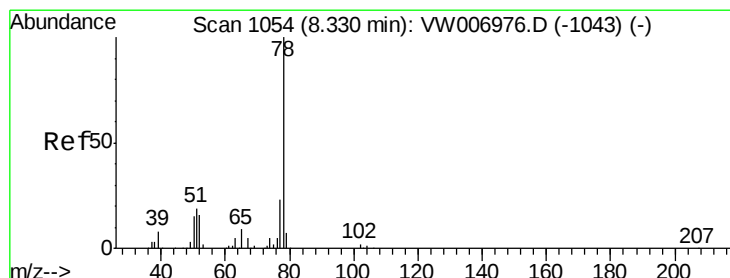
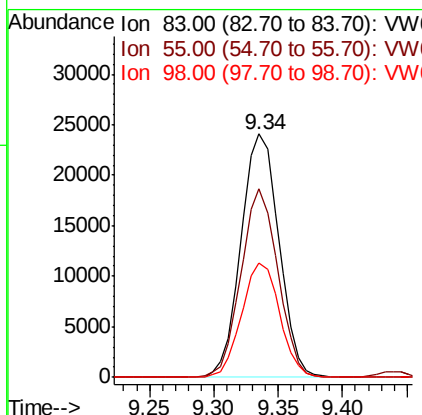
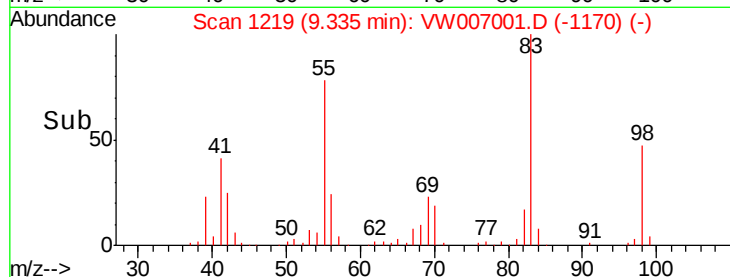
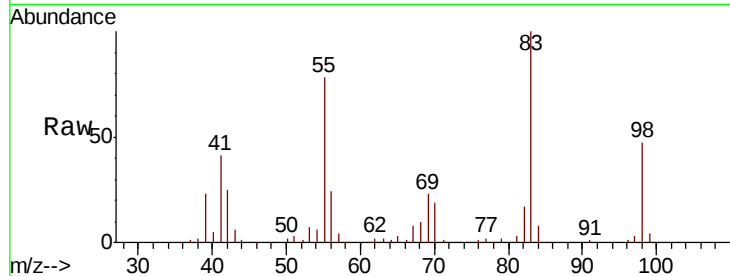
#39
Methvlcvclohexane
Concen: 22.202 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	59.6	89.4
98	46.7	37.1	55.7

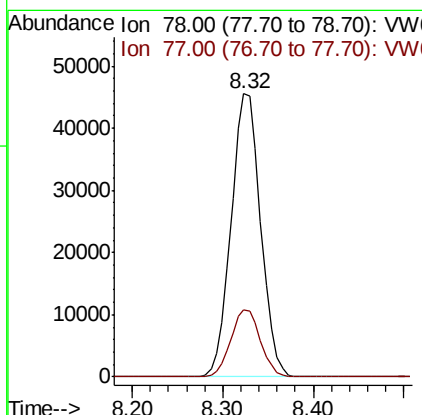
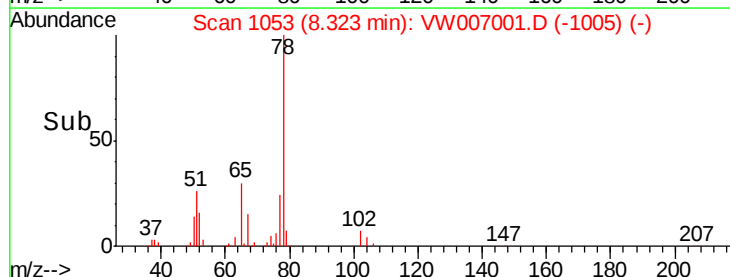
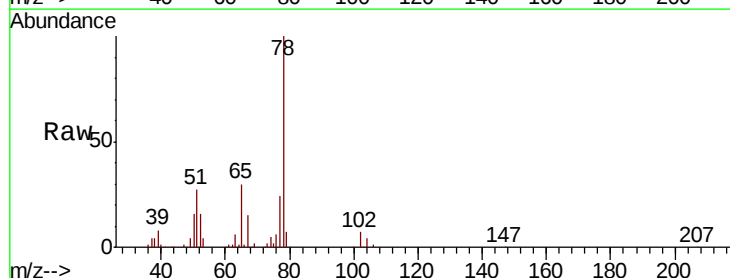
Manual Integrations
APPROVED

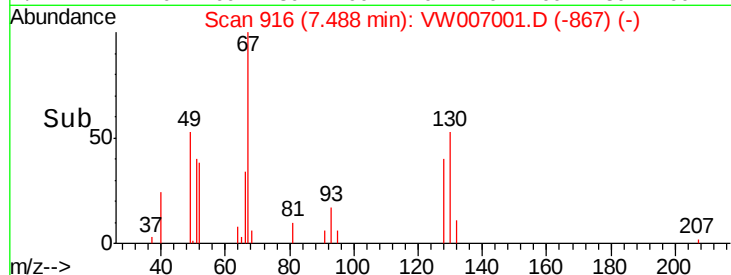
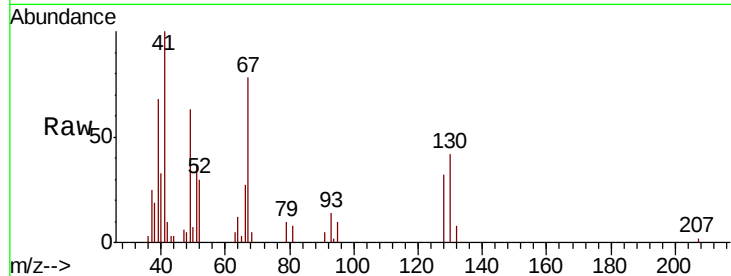
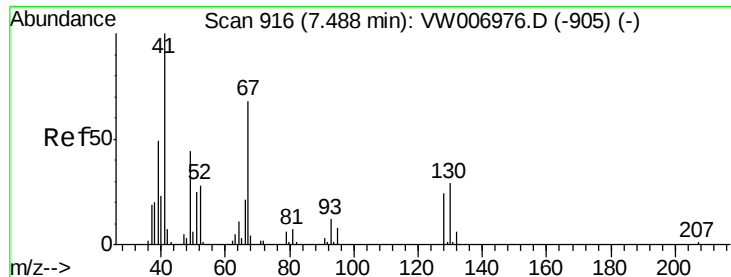
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#40
Benzene
Concen: 21.603 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





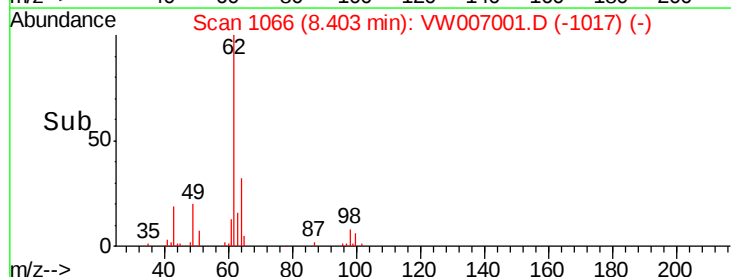
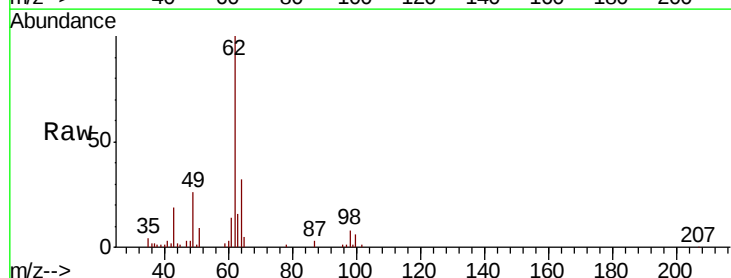
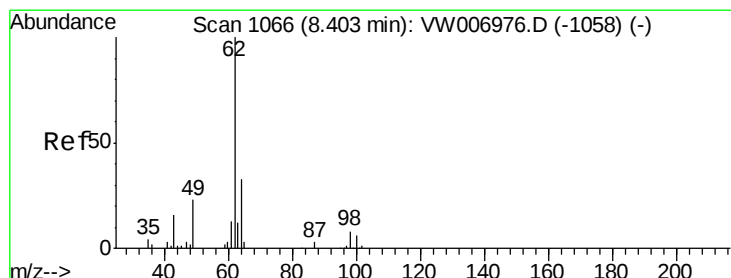
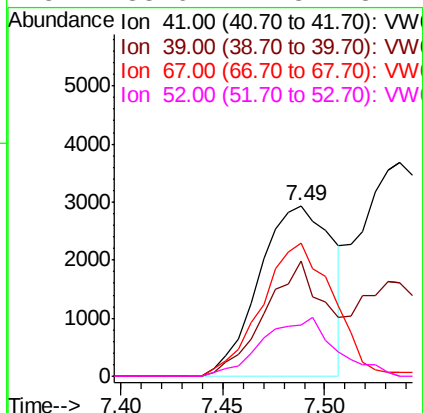
#41
Methacrylonitrile
Concen: 18.583 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tot Ion	41	Resp	7368
Ion	Ratio	Lower	Upper
41	100		
39	55.5	48.6	73.0
67	76.8	59.8	89.8
52	33.6	24.8	37.2

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

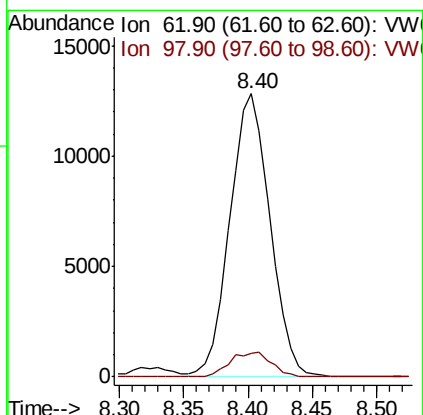
Manual Integrations
APPROVED

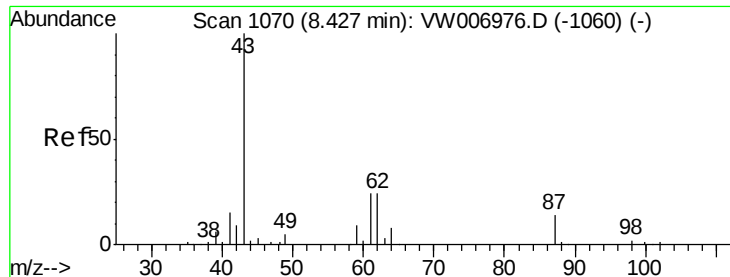
MMDadoda
11/26/2018 1:04:50 PM



#42
1,2-Dichloroethane
Concen: 20.105 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	62	Resp	27760
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.646 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

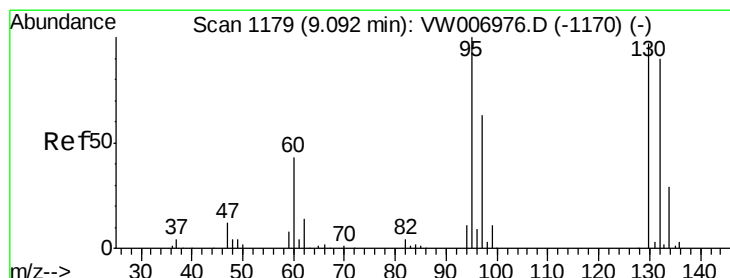
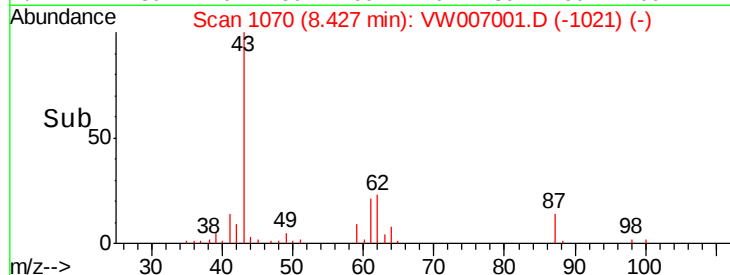
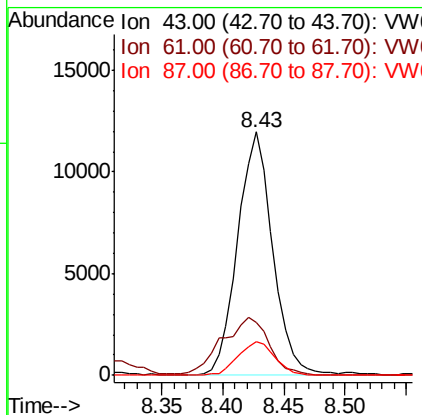
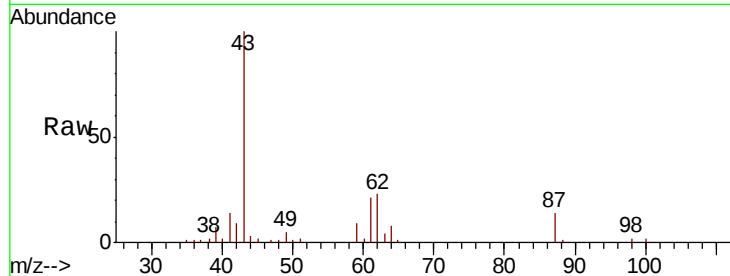
ClientSampleId :

VW1122SBS01

Tot Ion:	43	Resp:	23902
Ion	Ratio	Lower	Upper
43	100		
61	32.0	26.1	39.1
87	14.5	11.2	16.8

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#44

Trichloroethene

Concen: 22.170 ug/l

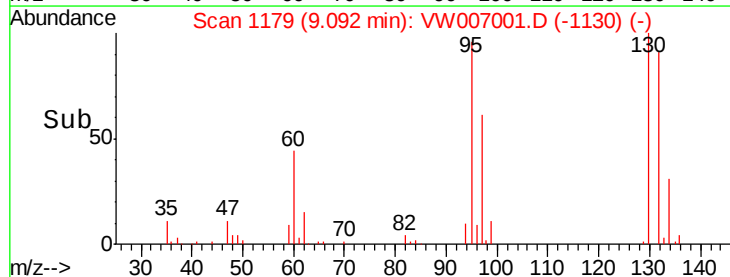
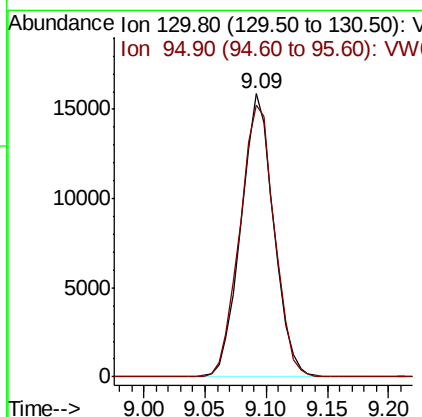
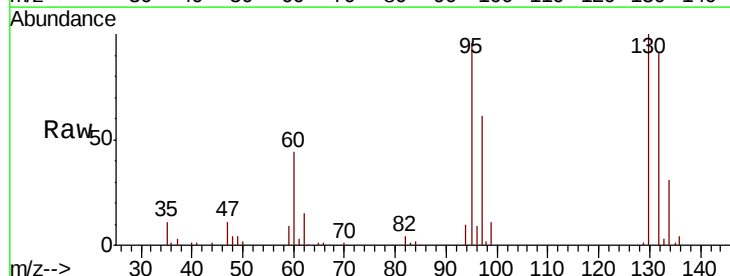
RT: 9.09 min Scan# 1179

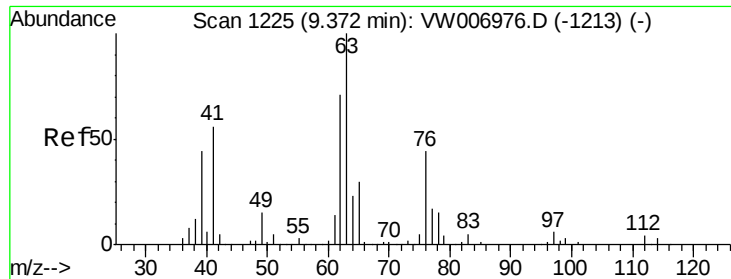
Delta R.T. -0.00 min

Lab File: VW007001.D

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Tgt Ion:	130	Resp:	29556
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	206.4





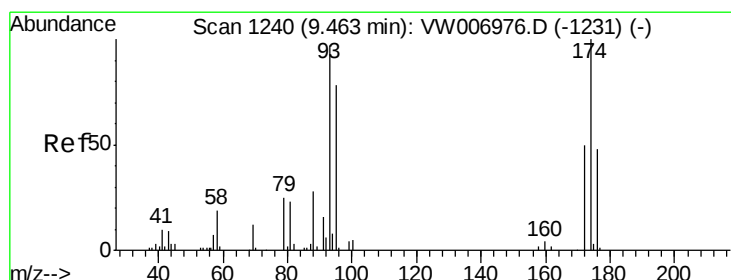
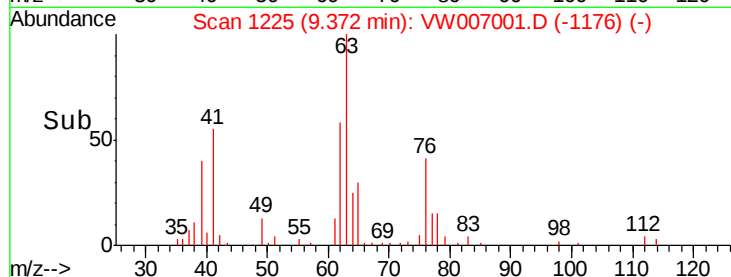
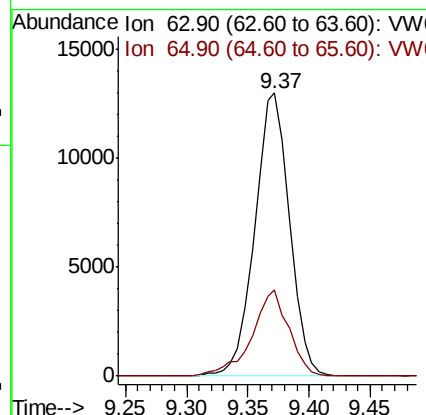
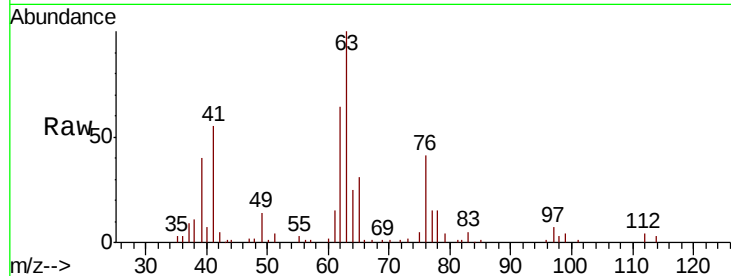
#45
 1,2-Dichloropropane
 Concen: 21.924 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion: 63 Resp: 25702
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6

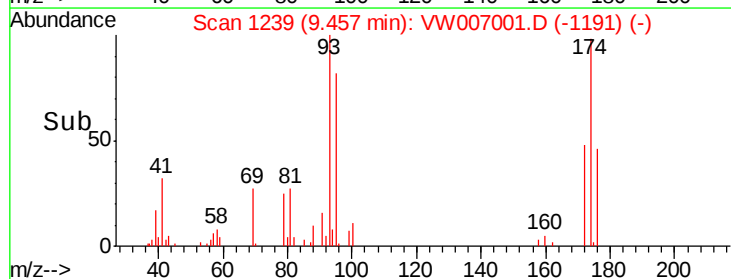
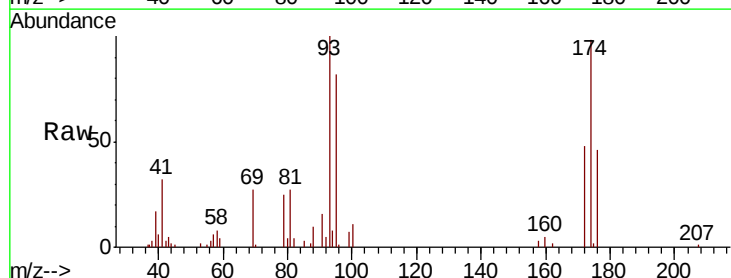
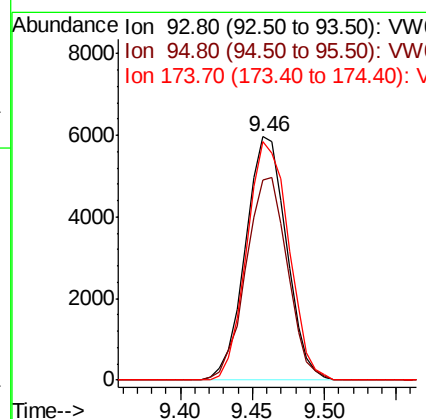
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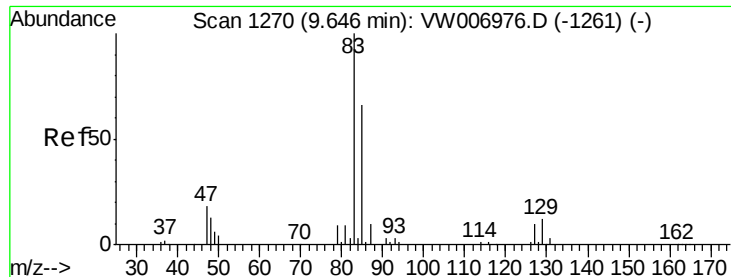
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#46
 Dibromomethane
 Concen: 20.012 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion: 93 Resp: 11749
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.1 99.1
 174 99.9 79.7 119.5





#47

Bromodichloromethane

Concen: 21.665 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

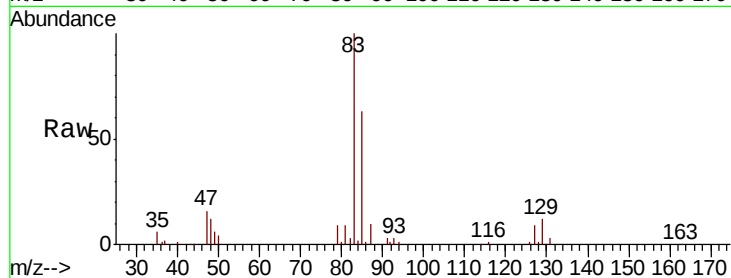
ClientSampleId :

VW1122SBSD01

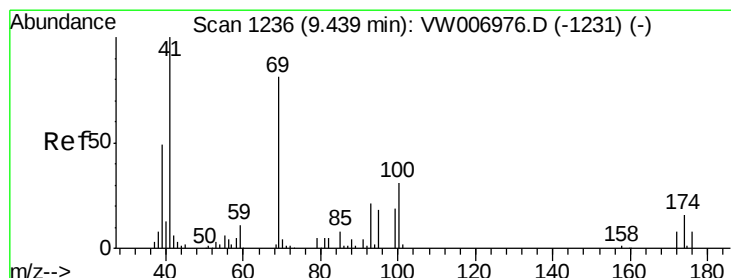
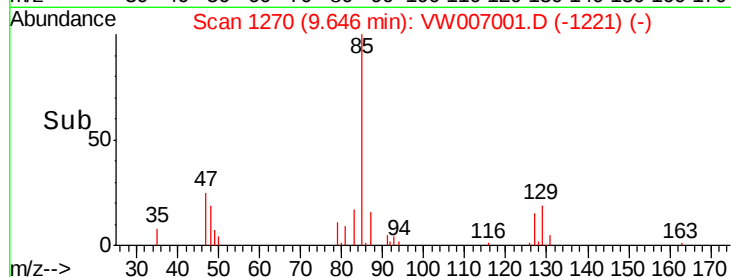
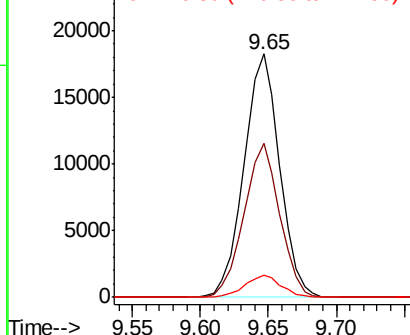
Tot Ion:	83	Resp:	33511
Ion Ratio	Lower	Upper	
83	100		
85	63.4	52.9	79.3
127	9.2	7.8	11.6

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.037 ug/l

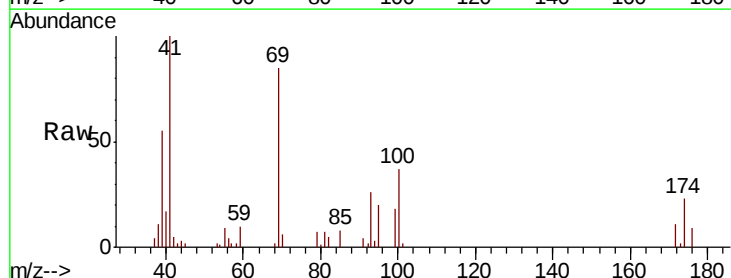
RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

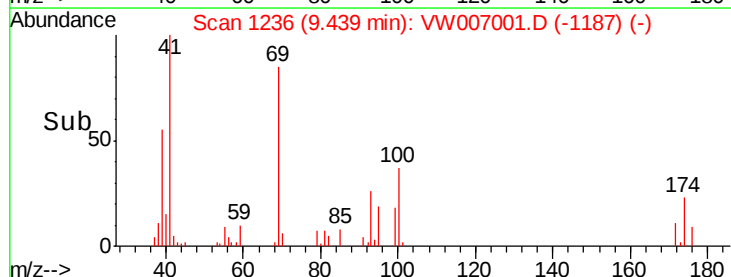
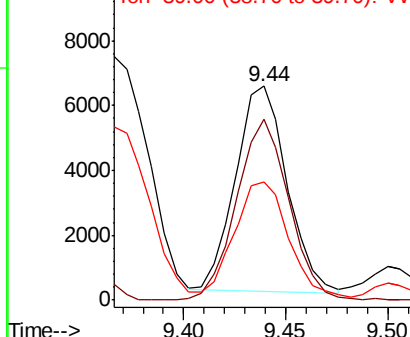
Lab File: VW007001.D

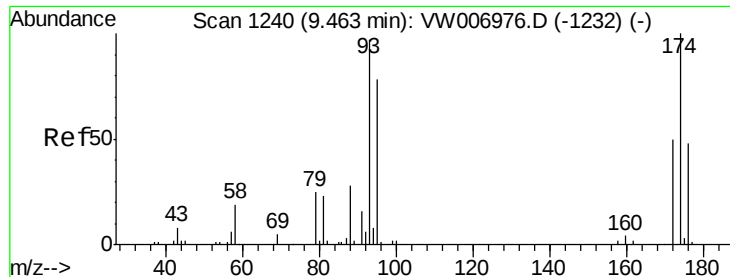
Acq: 21 Nov 2018 15:52

Tgt Ion:	41	Resp:	11168
Ion Ratio	Lower	Upper	
41	100		
69	89.3	71.4	107.0
39	57.6	44.8	67.2



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





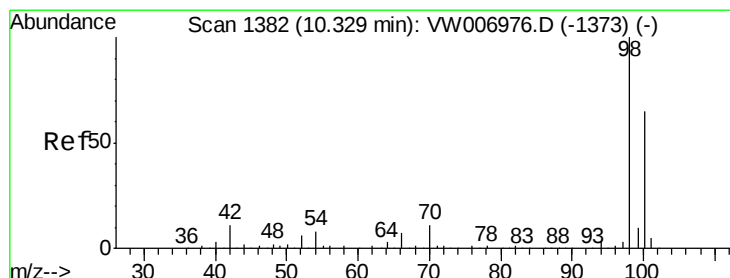
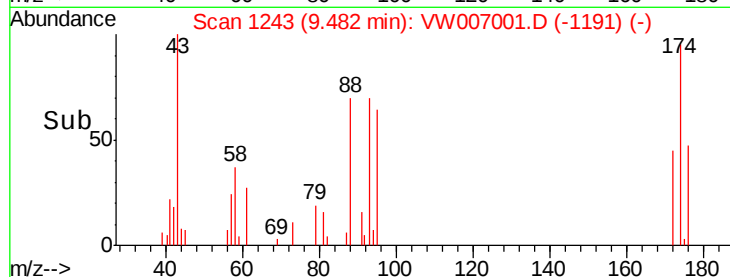
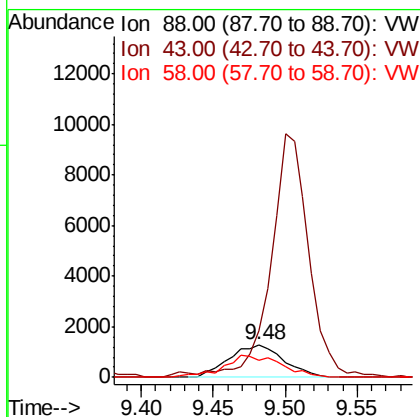
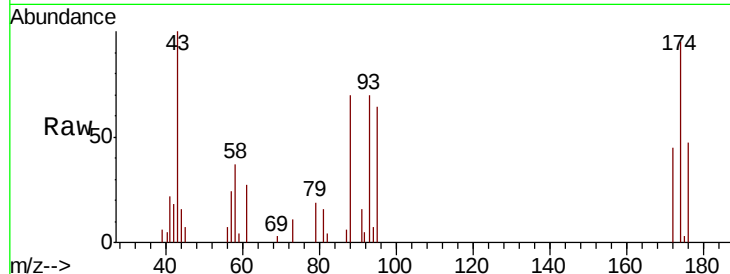
#49
1,4-Dioxane
Concen: 386.321 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	88	Resp	3371
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.1	59.0	88.6

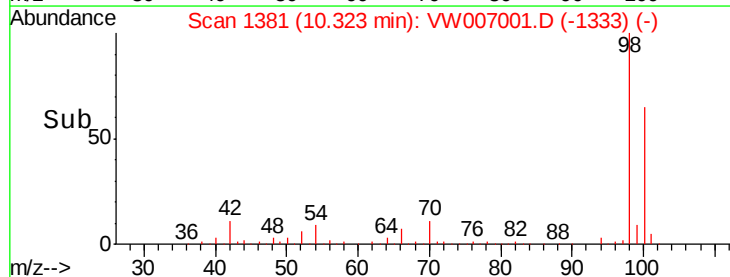
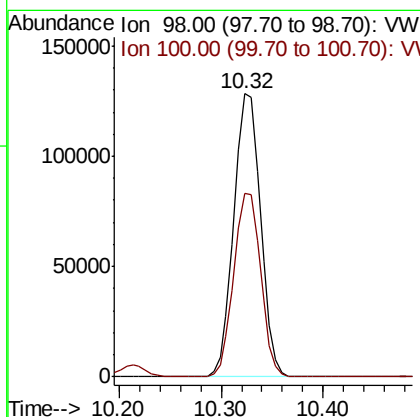
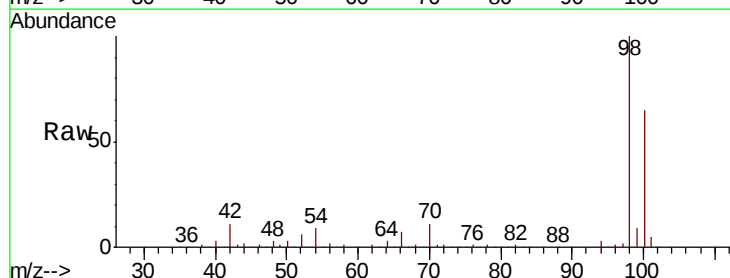
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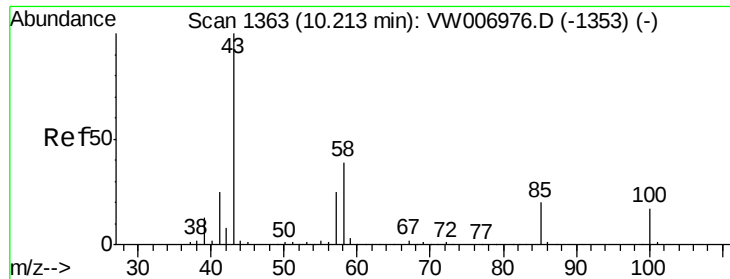
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#50
Toluene-d8
Concen: 51.797 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	98	Resp	232880
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





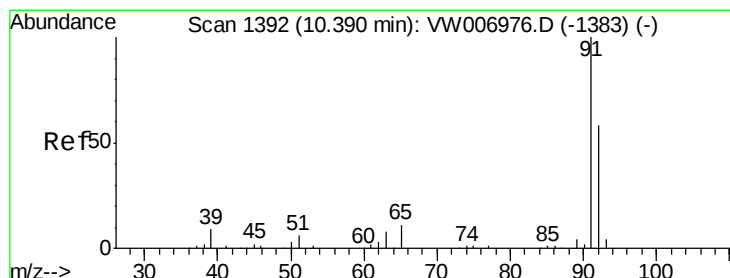
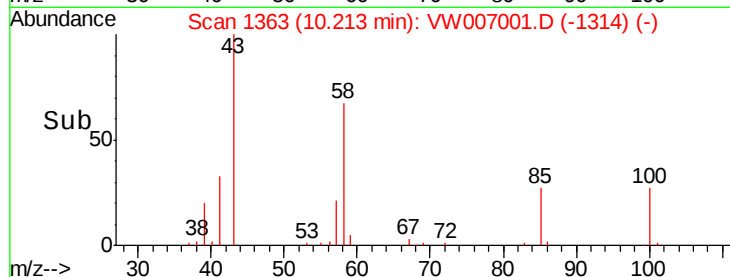
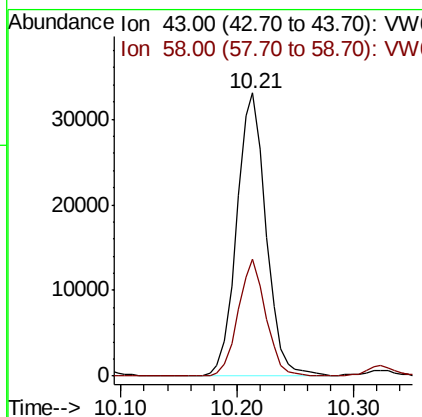
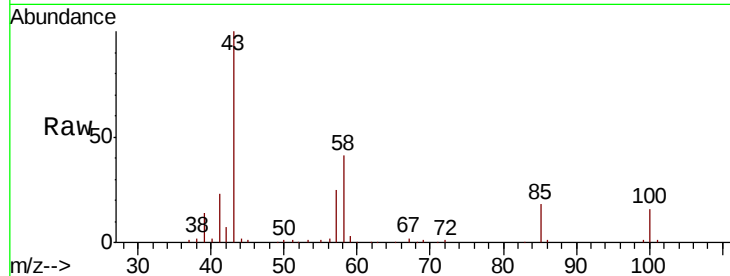
#51
4-Methyl-2-Pentanone
Concen: 94.626 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	38.9		31.8	47.6	

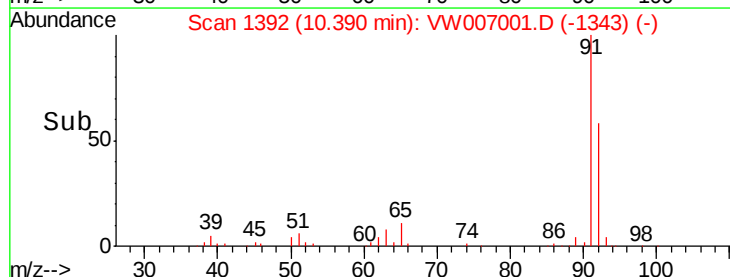
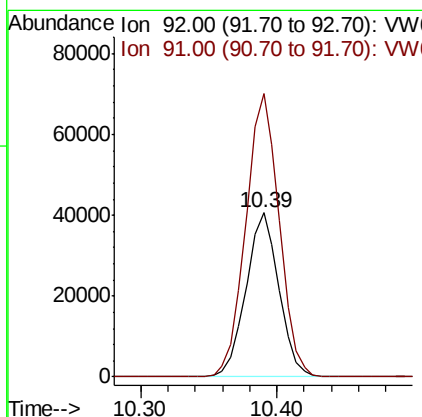
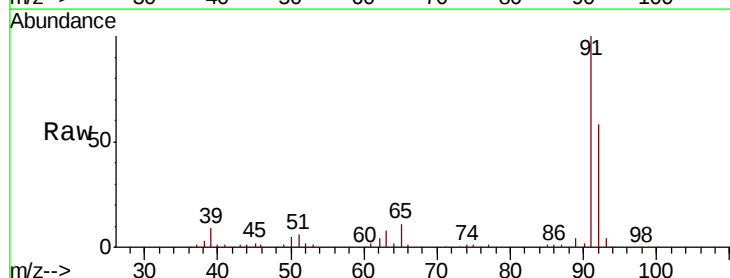
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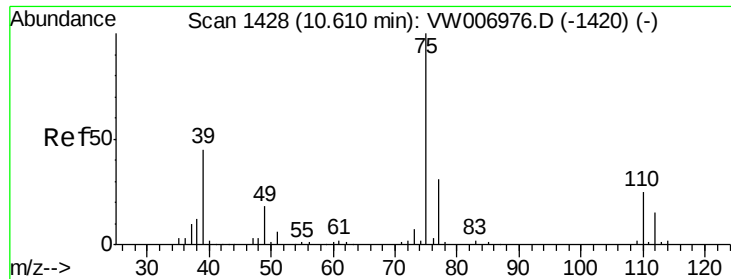
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#52
Toluene
Concen: 21.220 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	175.3		137.3	205.9	





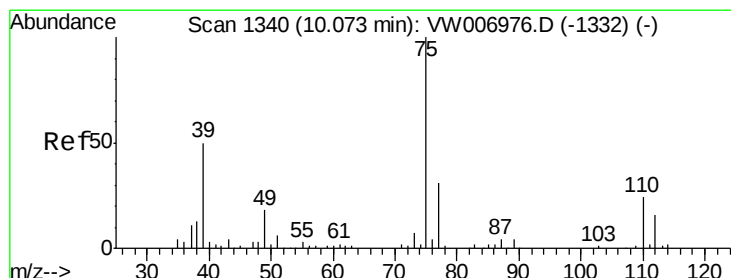
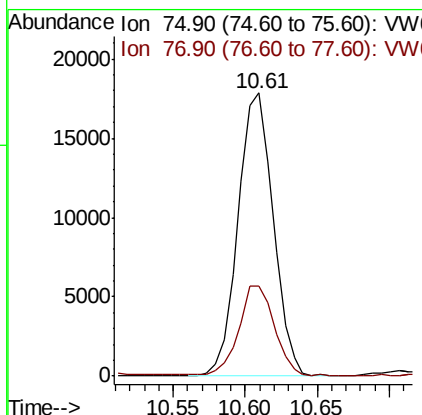
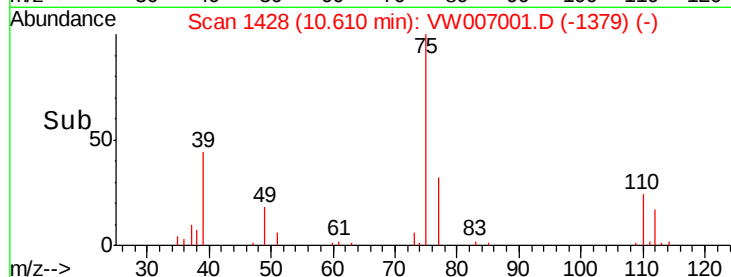
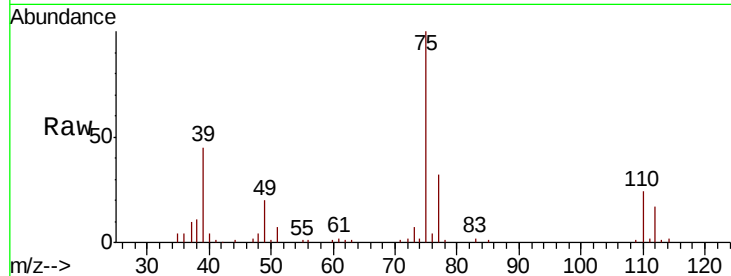
#53
 t-1,3-Dichloropropene
 Concen: 20.259 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion: 75 Resp: 30356
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.7 37.1

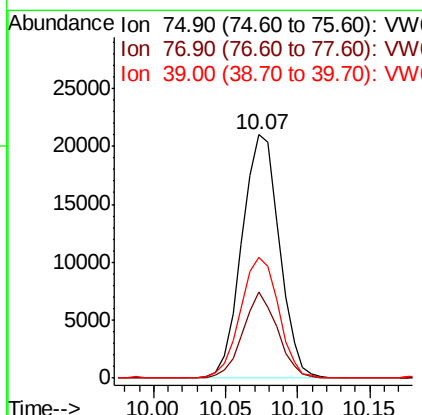
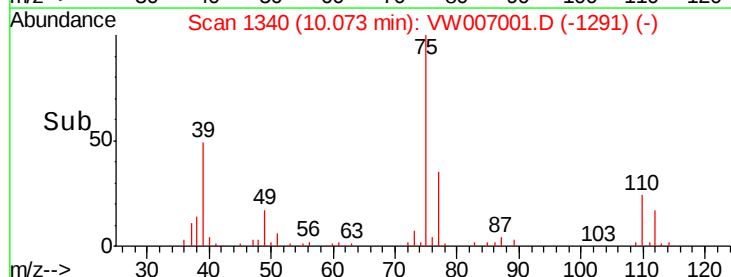
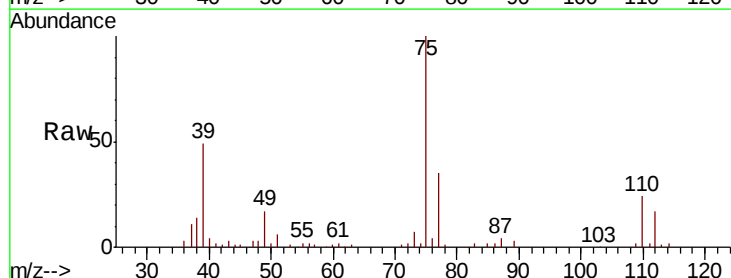
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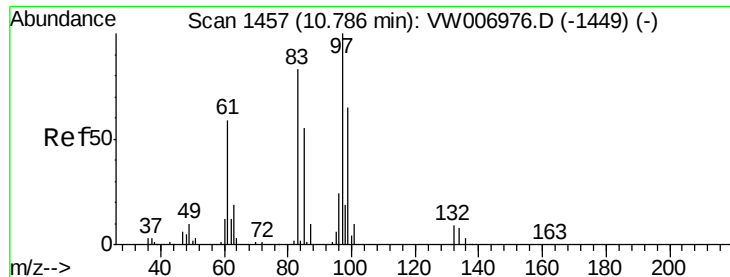
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#54
 cis-1,3-Dichloropropene
 Concen: 20.887 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion: 75 Resp: 37811
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.0 37.6
 39 49.5 39.9 59.9





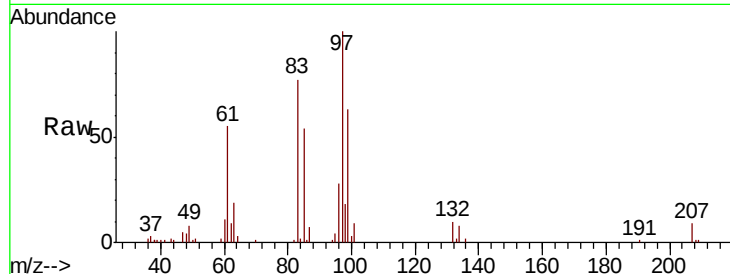
#55
 1,1,2-Trichloroethane
 Concen: 20.253 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

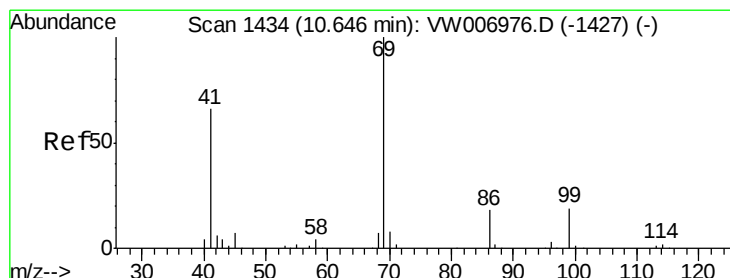
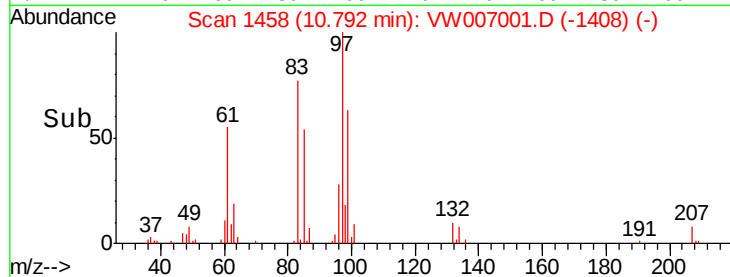
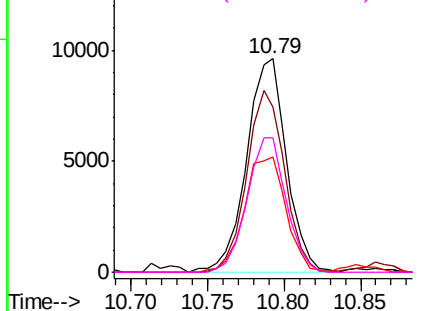
Tot Ion:	97	Resp:	17494
Ion	Ratio	Lower	Upper
97	100		
83	77.3	66.4	99.6
85	53.8	44.1	66.1
99	63.1	51.7	77.5

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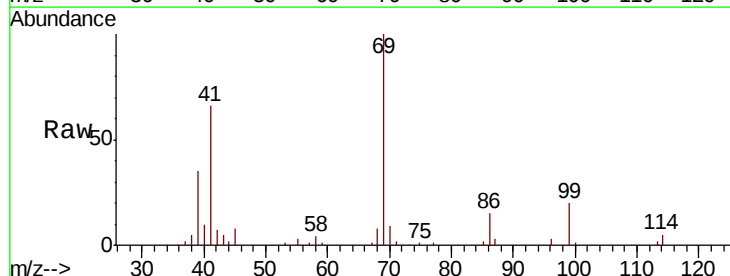


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

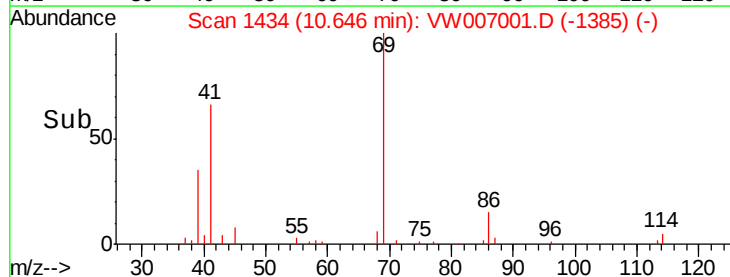
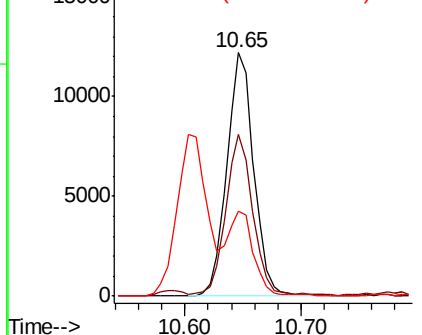


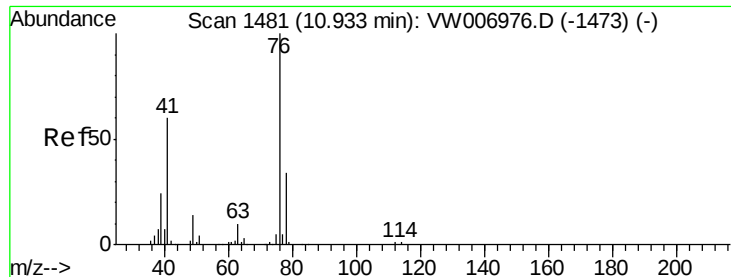
#56
 Ethyl methacrylate
 Concen: 19.534 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion:	69	Resp:	19585
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.4	80.0
39	35.3	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 20.785 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 76 Resp: 30087

Ion Ratio Lower Upper

76 100

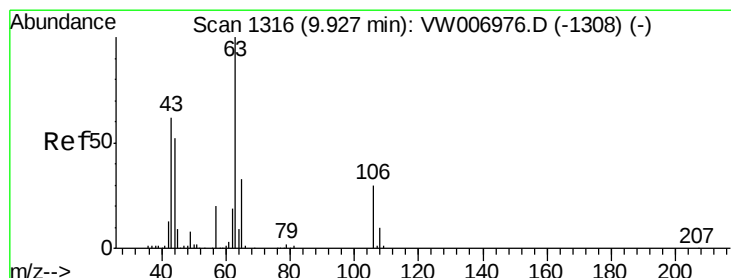
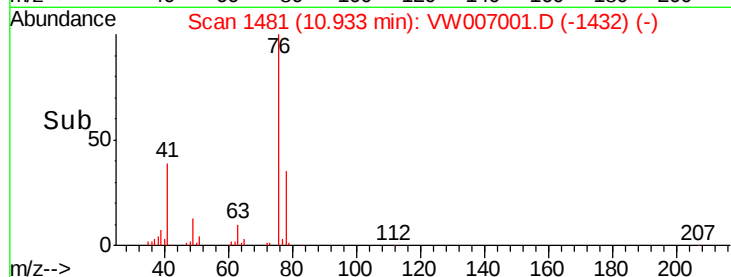
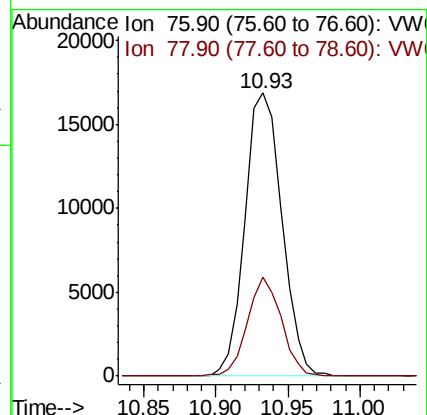
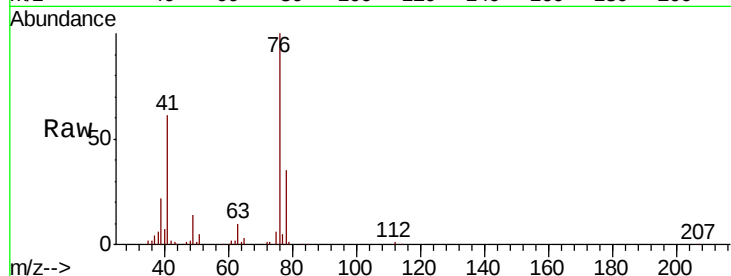
78 32.0 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 97.262 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007001.D

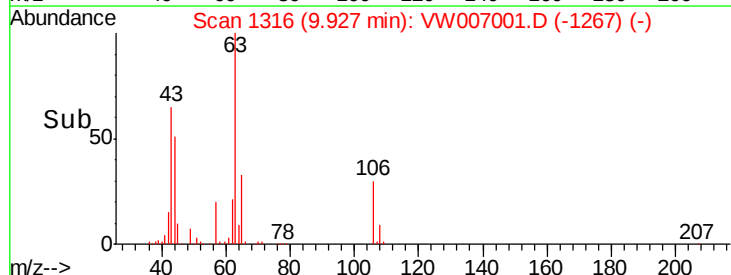
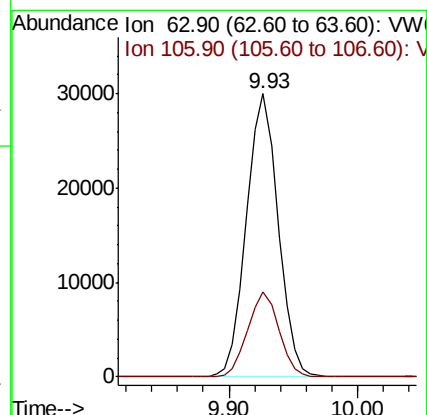
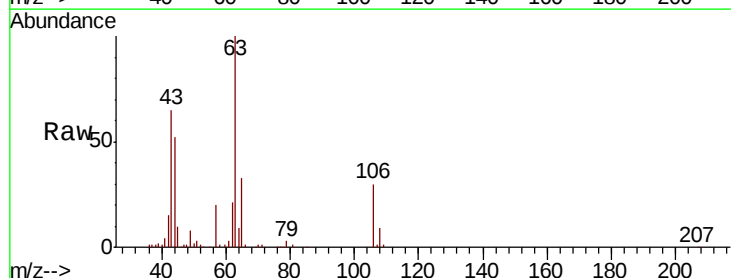
Acq: 21 Nov 2018 15:52

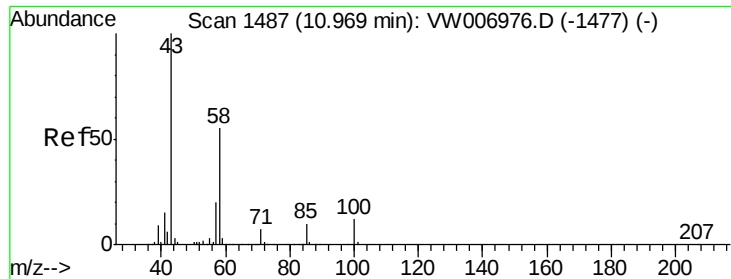
Tgt Ion: 63 Resp: 50958

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3





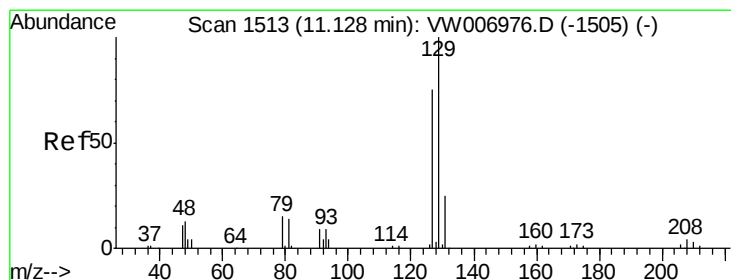
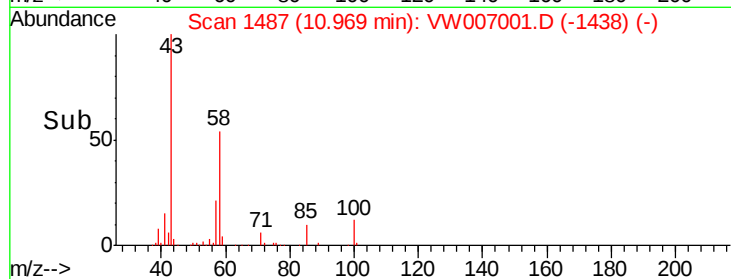
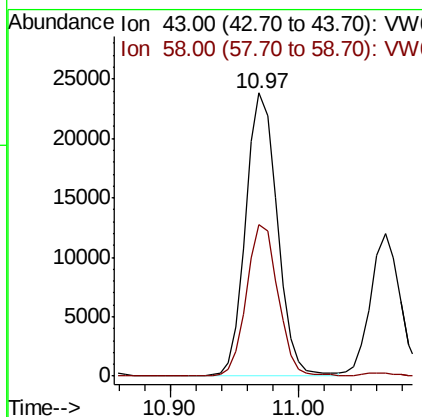
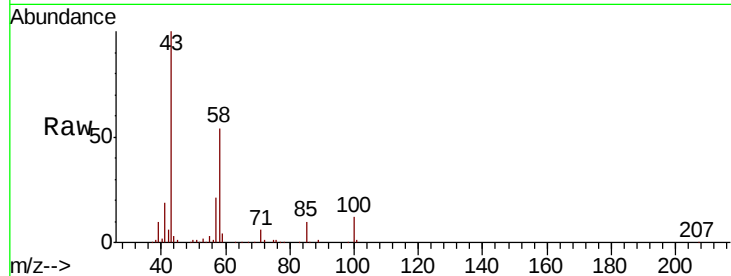
#59
2-Hexanone
Concen: 96.008 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion: 43 Resp: 40423
Ion Ratio Lower Upper
43 100
58 53.4 27.3 81.8

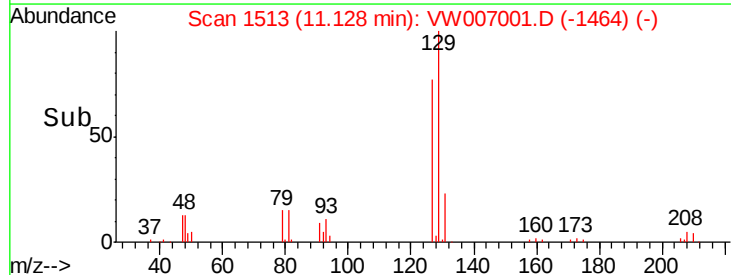
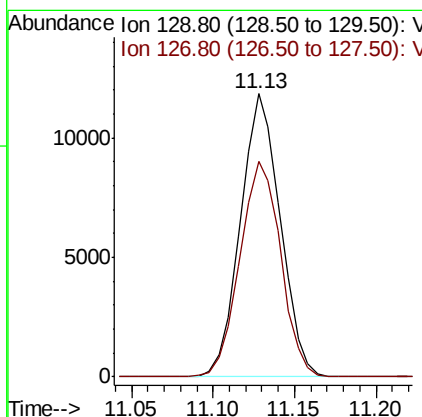
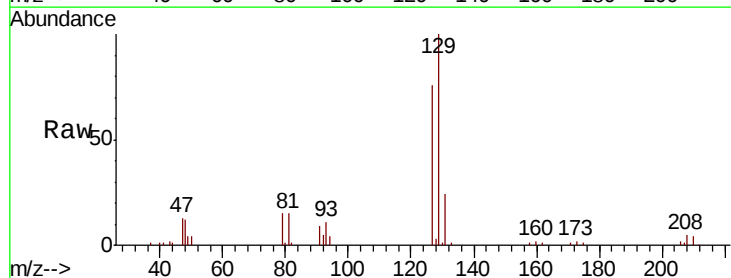
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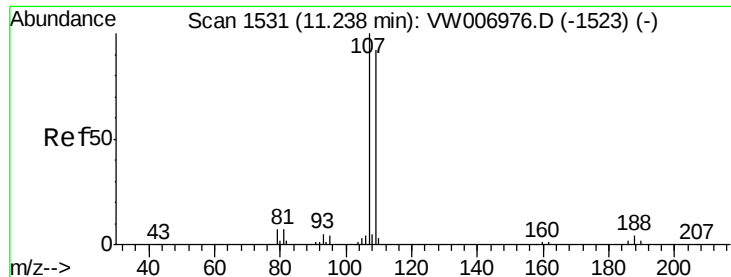
MMDadoda
11/26/2018 1:04:50 PM



#60
Dibromochloromethane
Concen: 20.430 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 129 Resp: 20108
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8





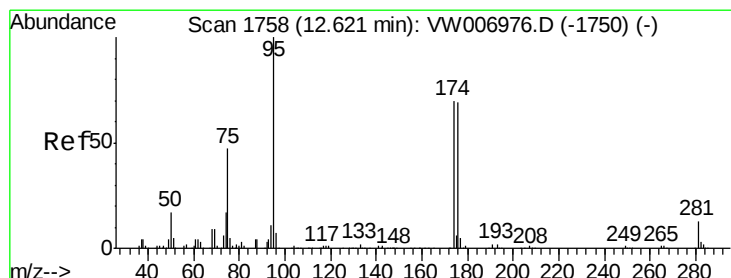
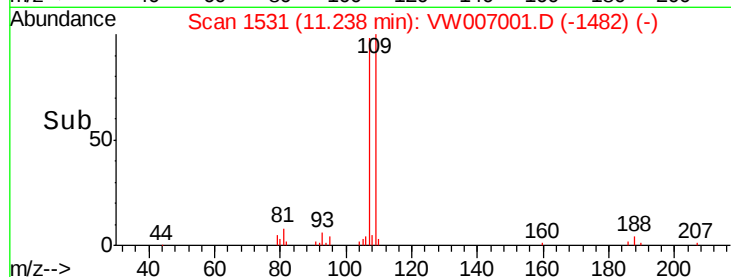
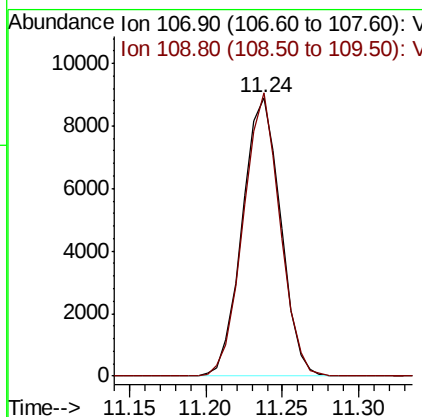
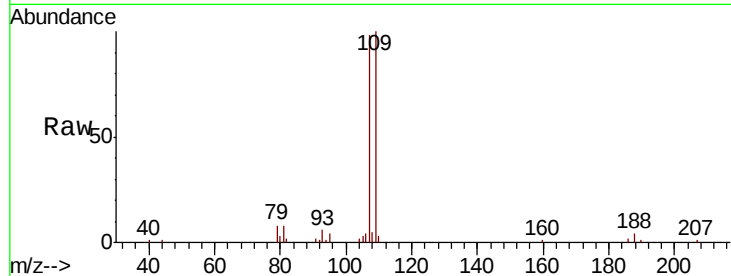
#61
 1,2-Dibromoethane
 Concen: 19.611 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.3	75.1	112.7

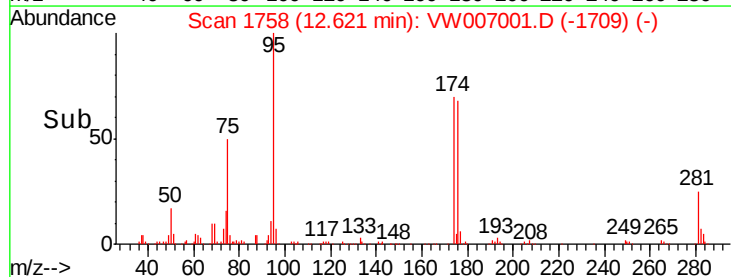
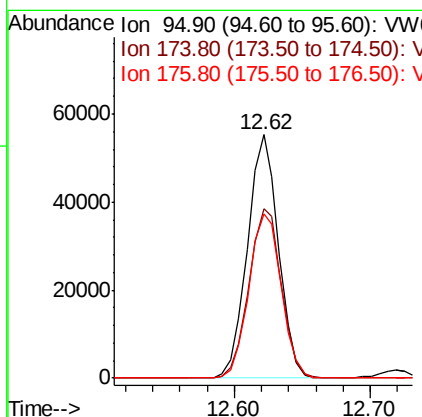
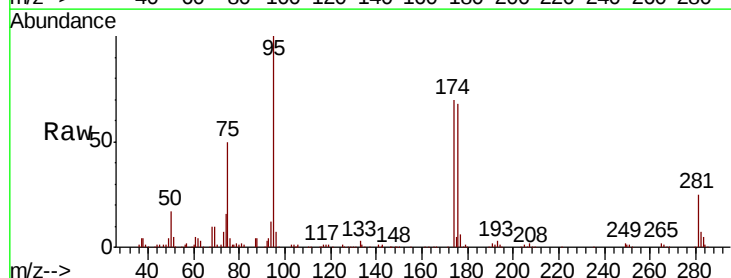
Manual Integrations
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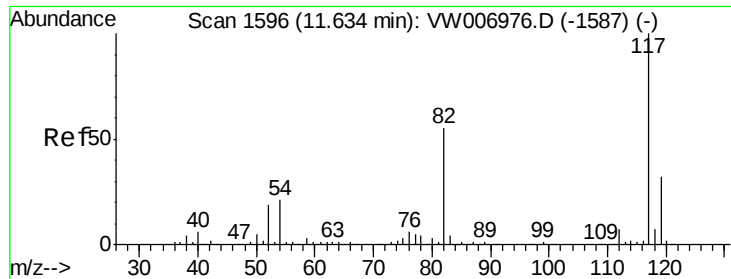
MMDadoda
 11/26/2018 1:04:50 PM



#62
 4-Bromofluorobenzene
 Concen: 49.711 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	143.6
176	70.7	0.0	140.4





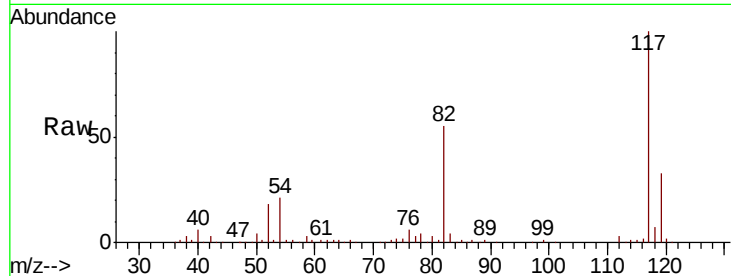
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.2
119	32.6	25.9	38.9

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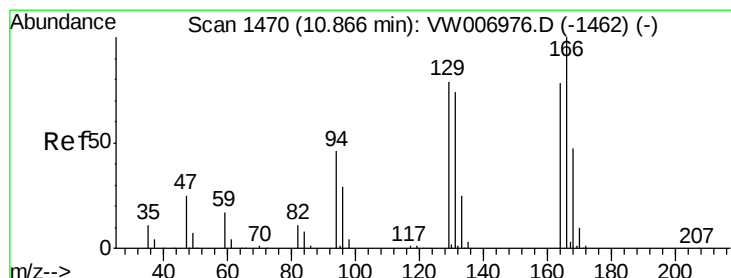
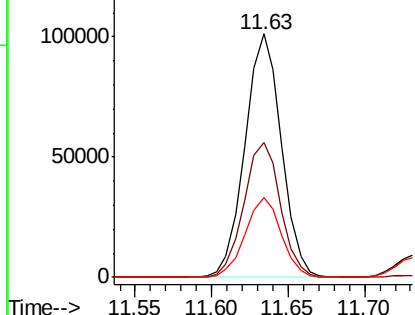
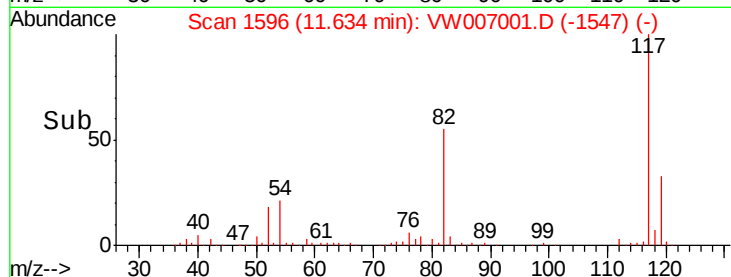


Abundance

Ion 116.90 (116.60 to 117.60): V

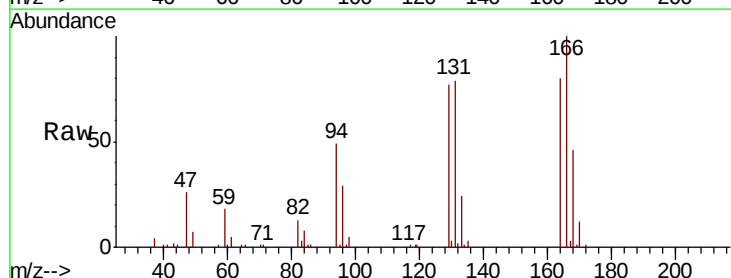
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 22.139 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	102.1	153.1
129	96.2	80.4	120.6
131	99.1	75.2	112.8



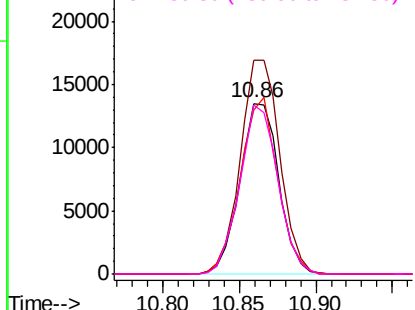
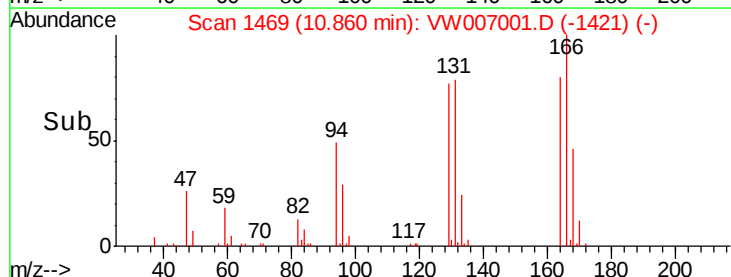
Abundance

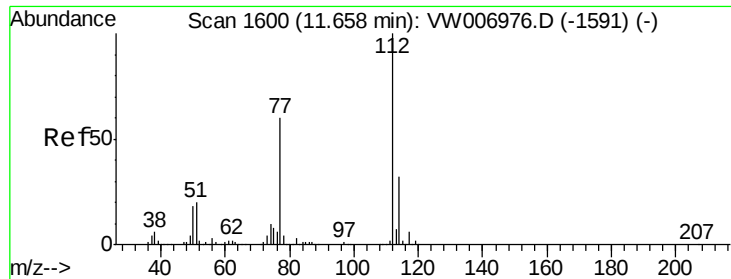
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





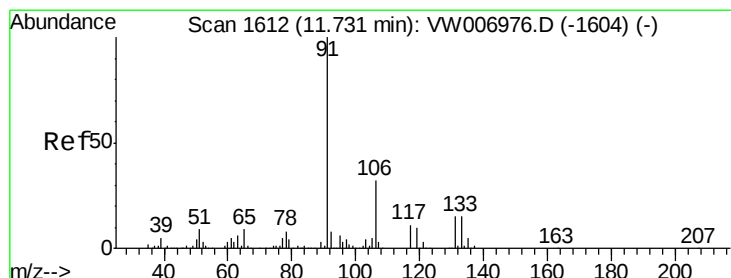
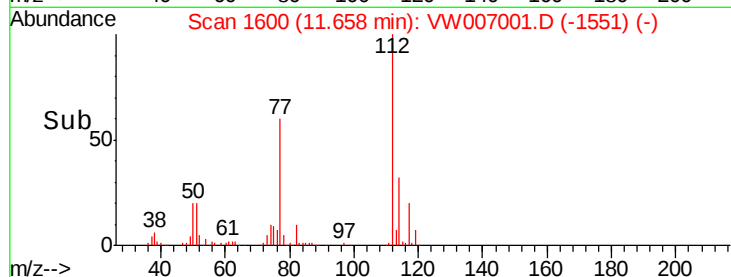
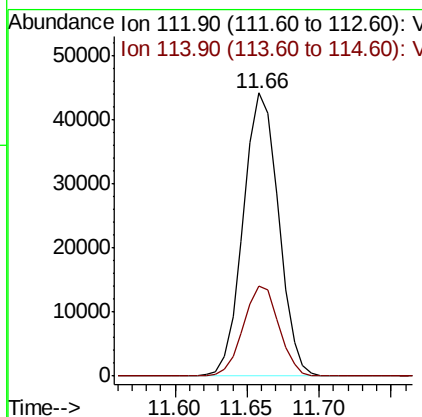
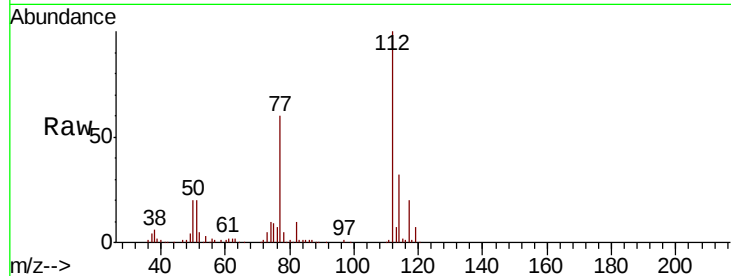
#65
Chlorobenzene
Concen: 21.500 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion:112 Resp: 75212
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

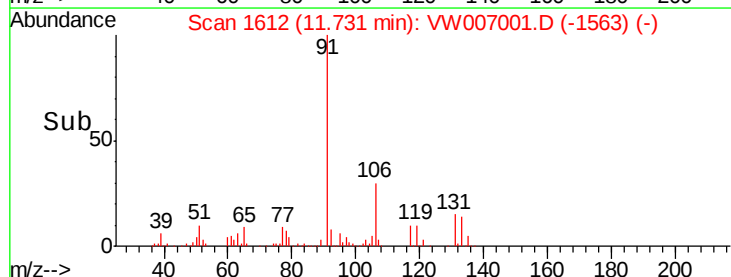
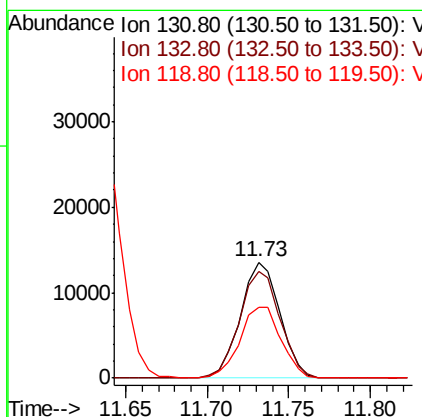
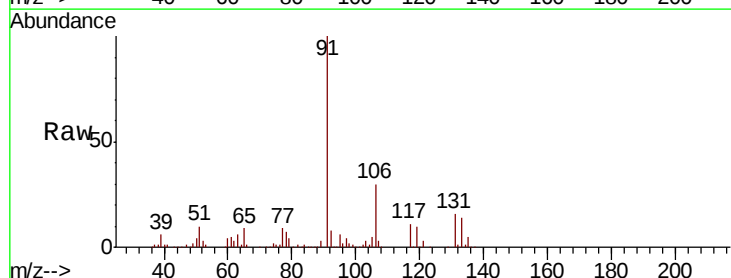
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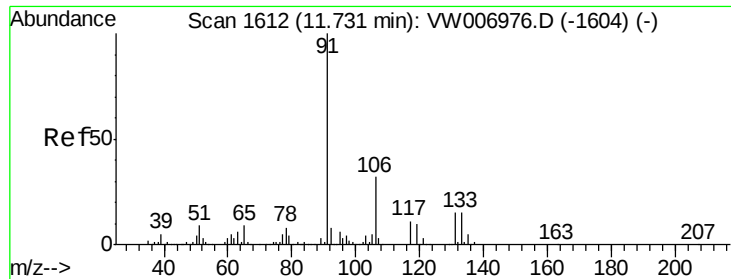
MMDadoda
11/26/2018 1:04:50 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.585 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion:131 Resp: 22842
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 64.3 31.8 95.3





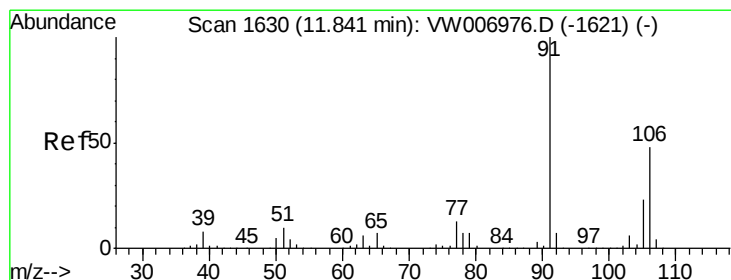
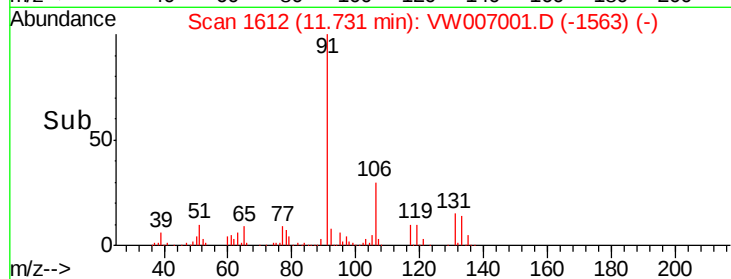
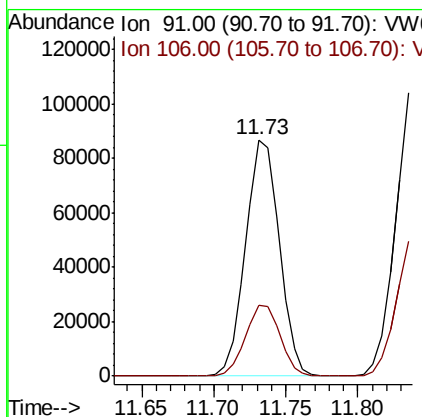
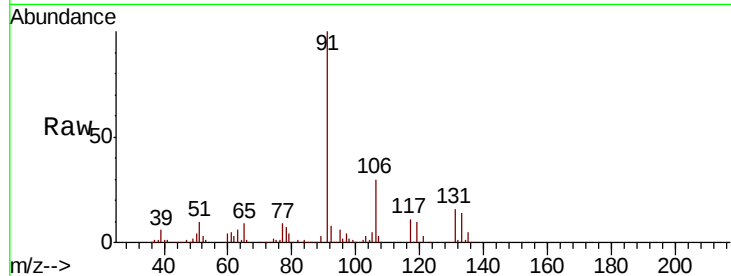
#67
Ethyl Benzene
Concen: 21.837 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion: 91 Resp: 140332
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.2

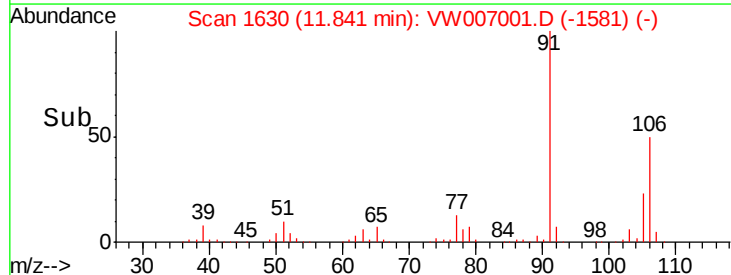
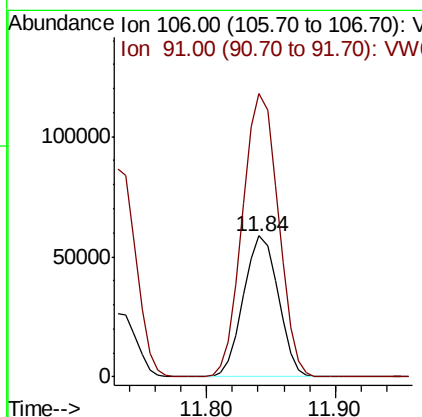
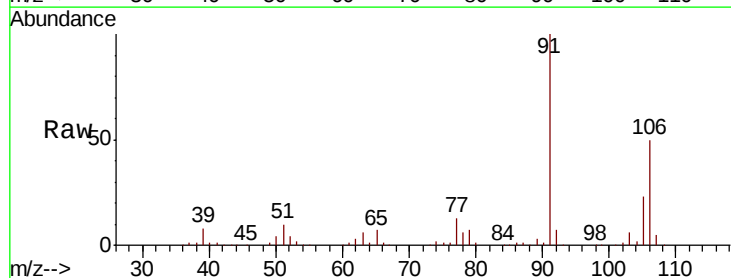
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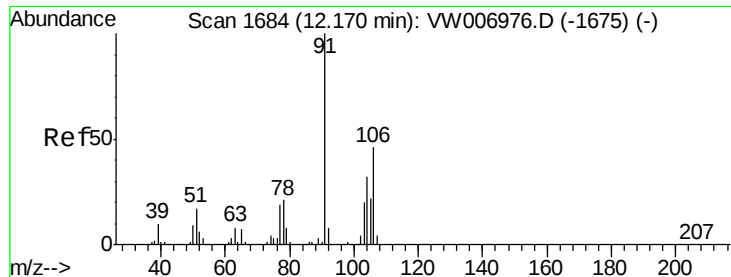
MMDadoda
11/26/2018 1:04:50 PM



#68
m/p-Xylenes
Concen: 43.656 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 106 Resp: 110070
Ion Ratio Lower Upper
106 100
91 206.0 164.8 247.2





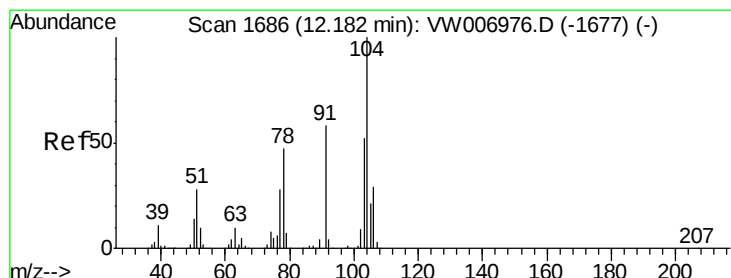
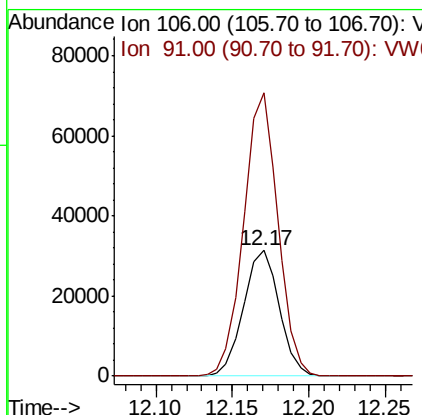
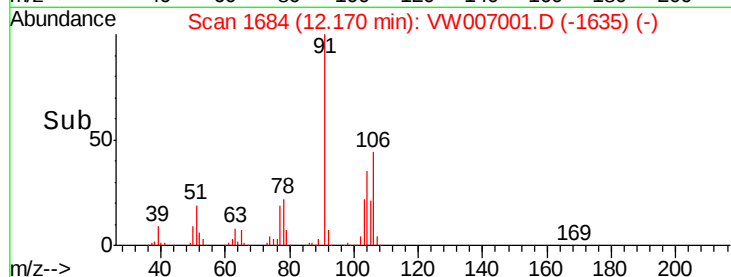
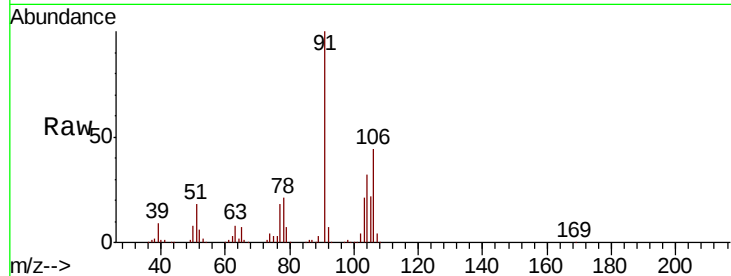
#69
o-Xylene
Concen: 21.438 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion:106 Resp: 50966
Ion Ratio Lower Upper
106 100
91 216.3 107.9 323.8

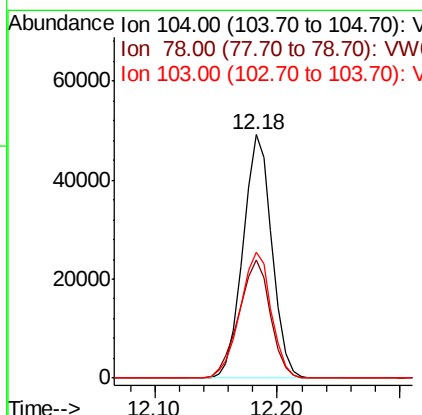
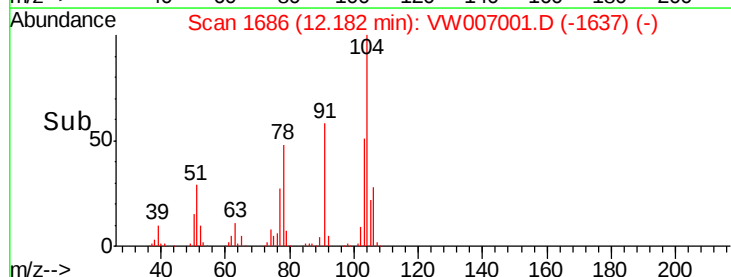
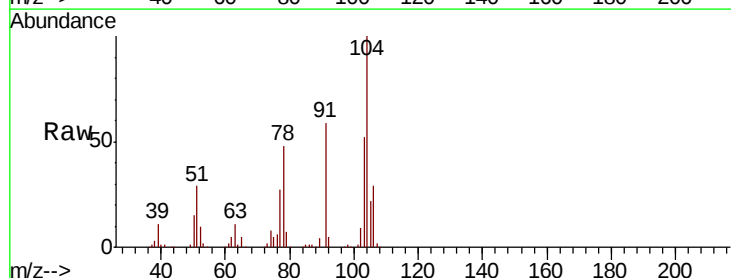
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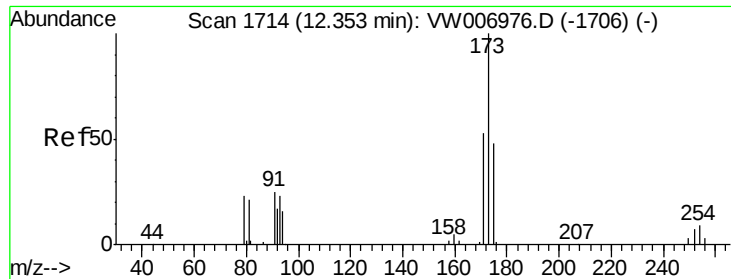
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#70
Styrene
Concen: 21.267 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion:104 Resp: 80469
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.8
103 55.7 44.4 66.6





#71

Bromoform

Concen: 18.972 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

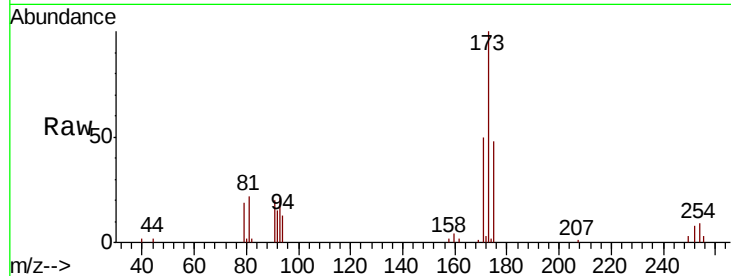
ClientSampleId :

VW1122SBS01

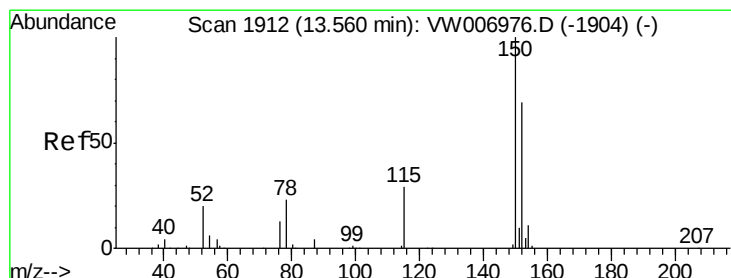
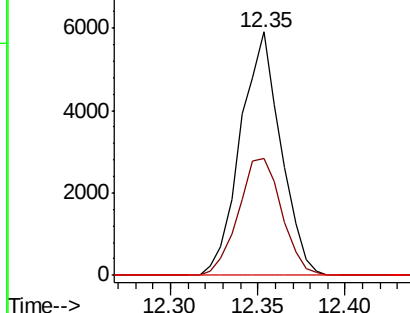
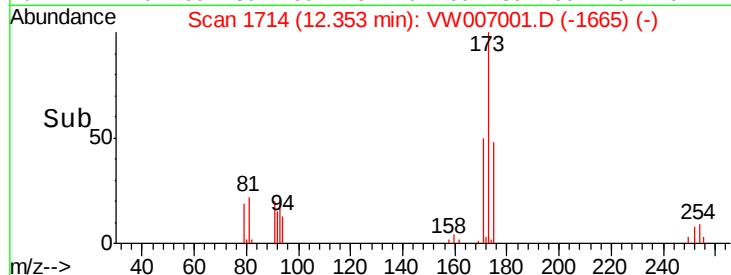
Tot Ion:	173	Resp:	9458
Ion Ratio	Lower	Upper	
173	100		
175	51.6	24.0	72.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

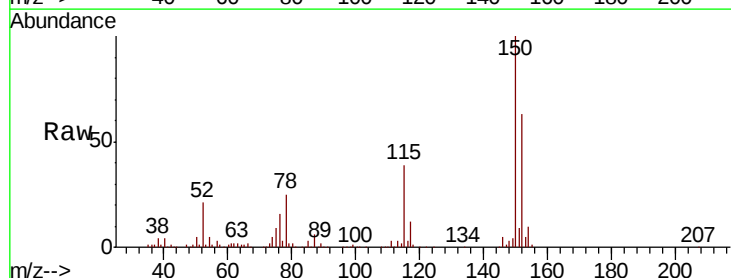
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

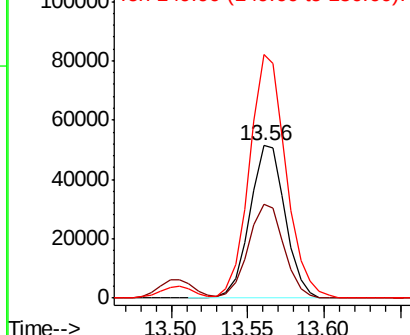
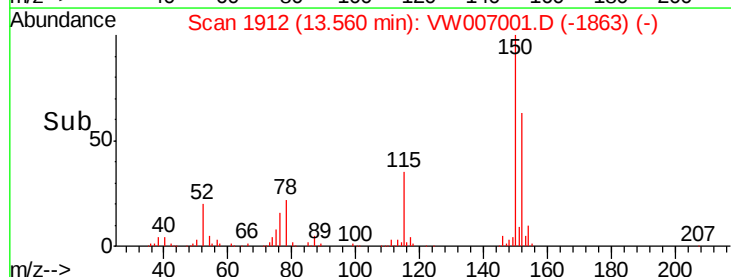
Lab File: VW007001.D

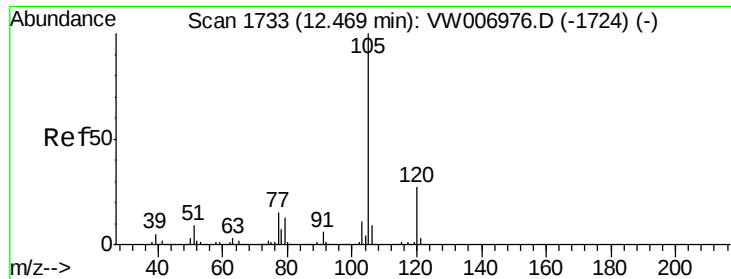
Acq: 21 Nov 2018 15:52

Tgt Ion:	152	Resp:	82369
Ion Ratio	Lower	Upper	
152	100		
115	62.2	31.4	94.2
150	165.6	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





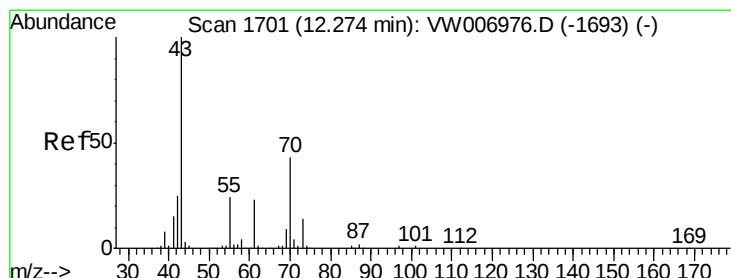
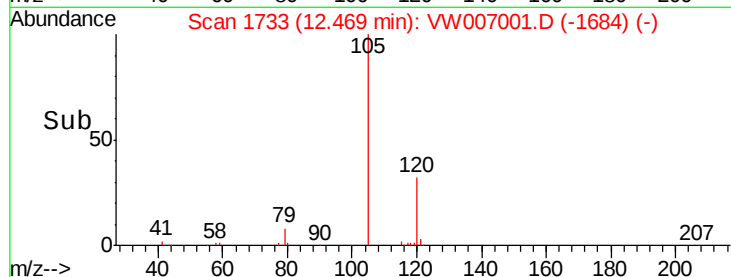
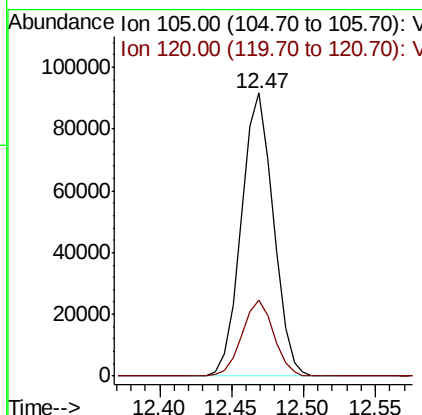
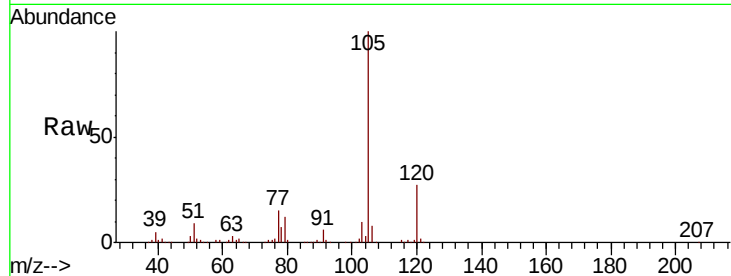
#73
Isopropylbenzene
Concen: 22.058 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.8

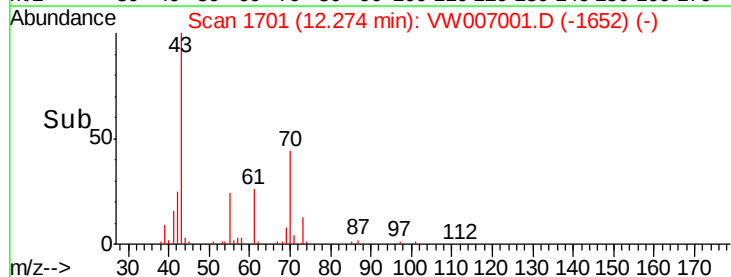
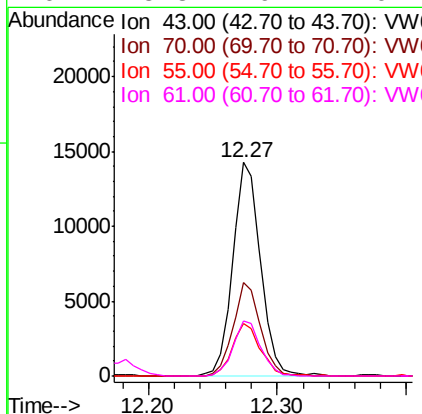
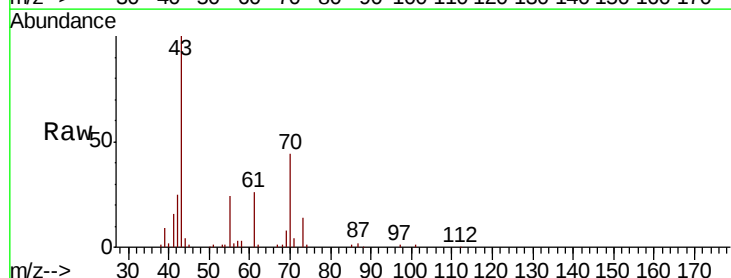
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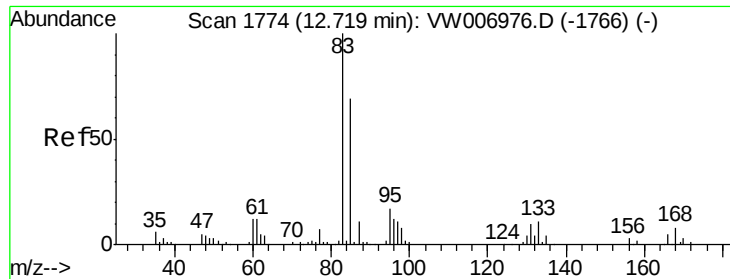
MMDadoda
11/26/2018 1:04:50 PM



#74
N-ethyl acetate
Concen: 19.990 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	34.0	51.0
55	25.0	19.4	29.0
61	25.8	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.321 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

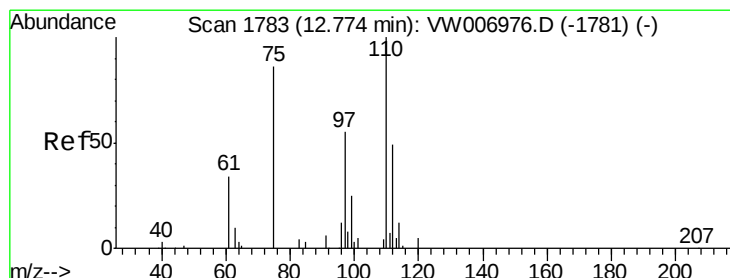
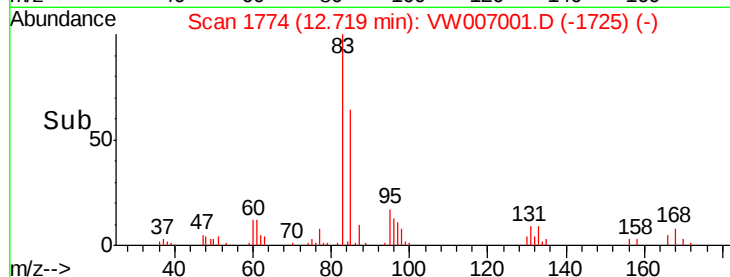
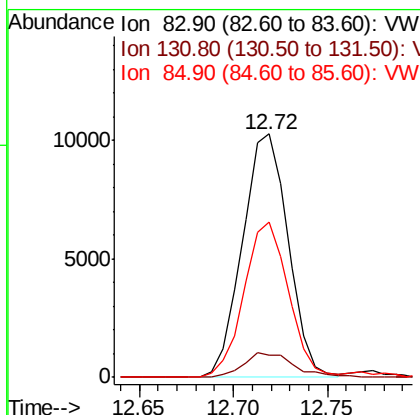
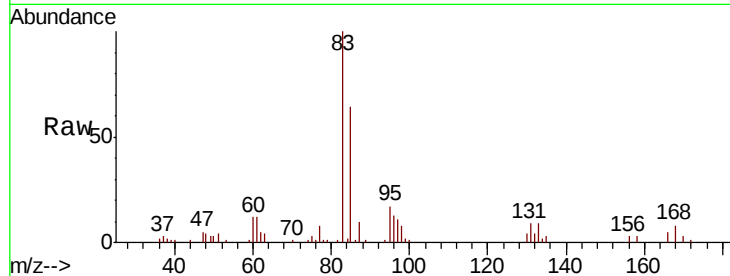
ClientSampleId :

VW1122SBS01

Tot Ion:	83	Resp:	17312
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	61.9	33.1	99.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.451 ug/l m

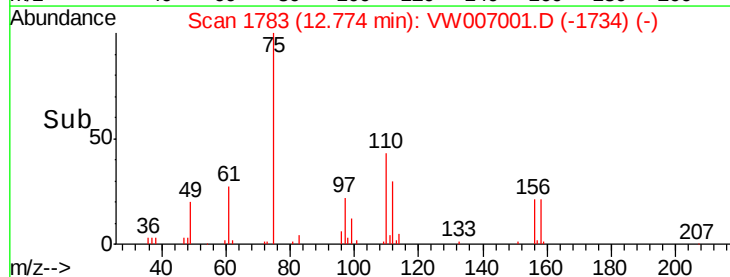
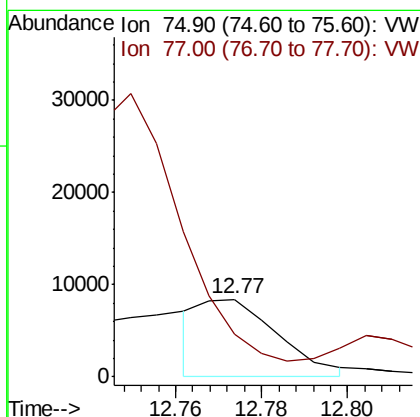
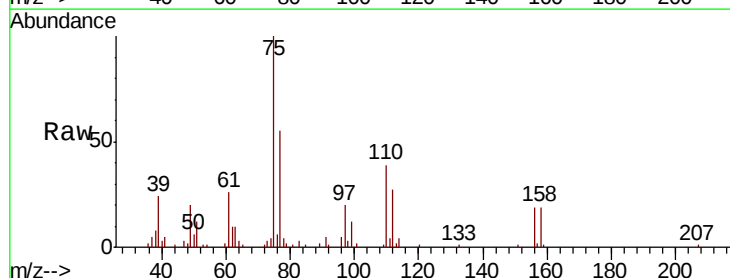
RT: 12.77 min Scan# 1783

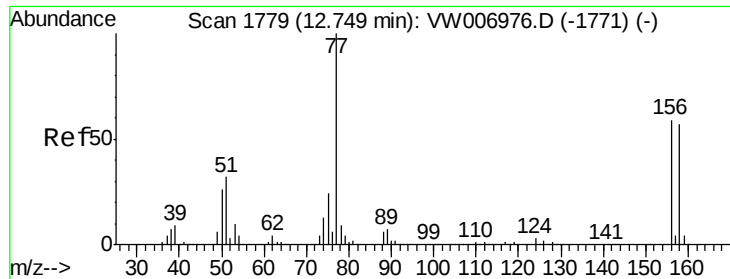
Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Tgt Ion:	75	Resp:	10648
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.212 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

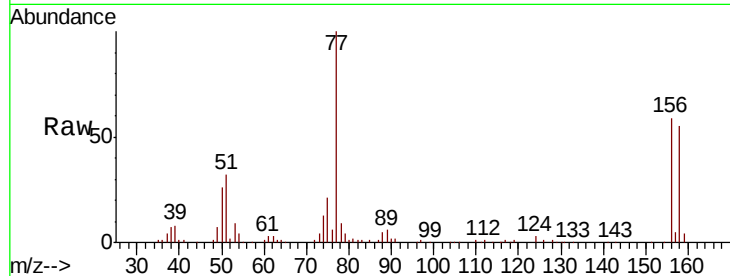
ClientSampleId :

VW1122SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	186.4	94.6	283.8	
158	97.3	48.9	146.7	

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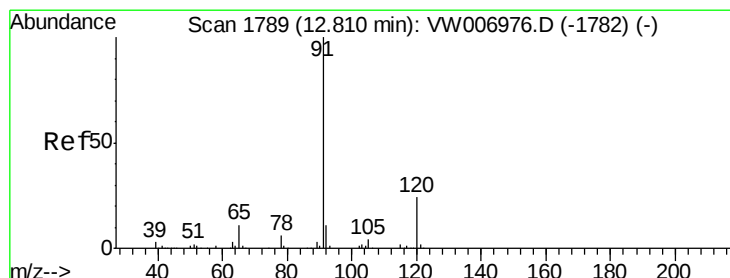
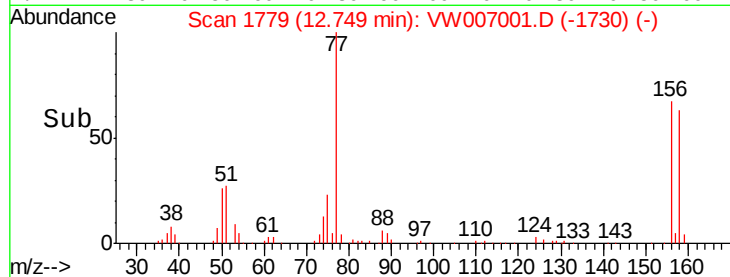
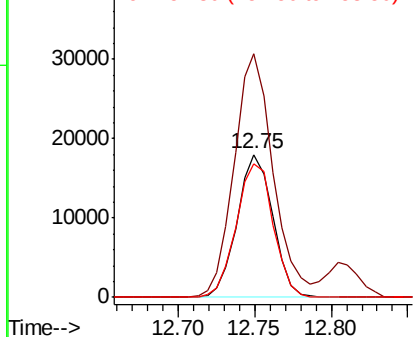


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.084 ug/l

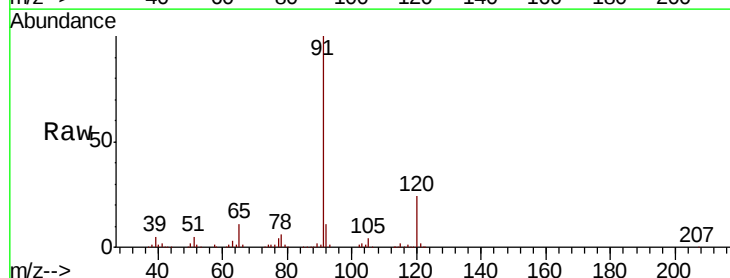
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

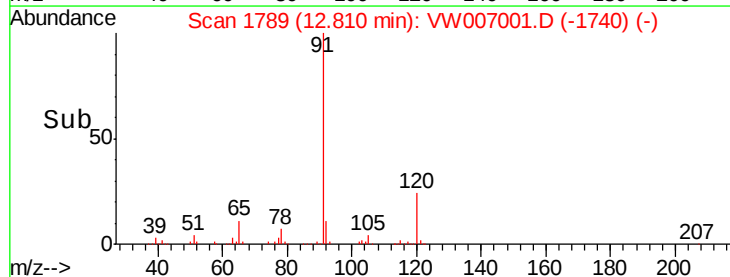
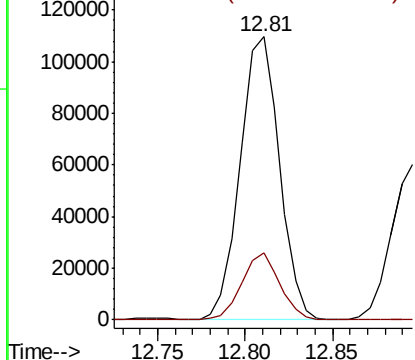
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.9	11.7	35.1	

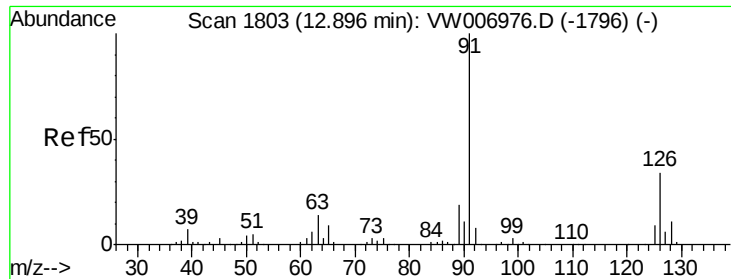


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





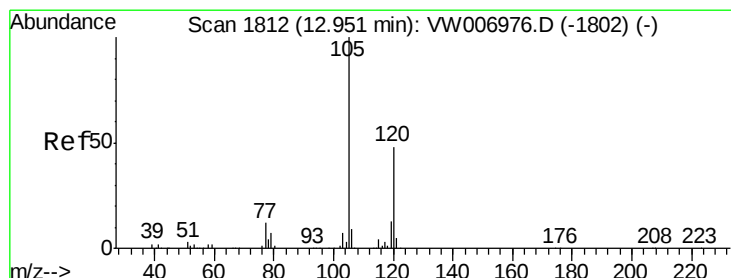
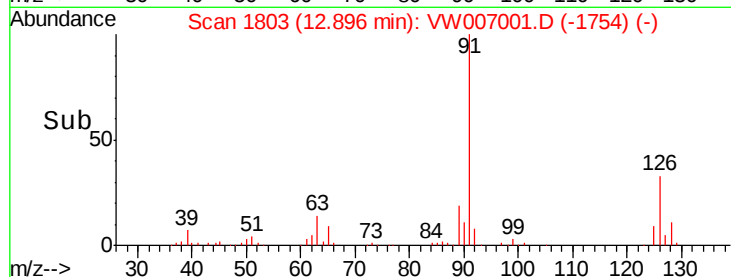
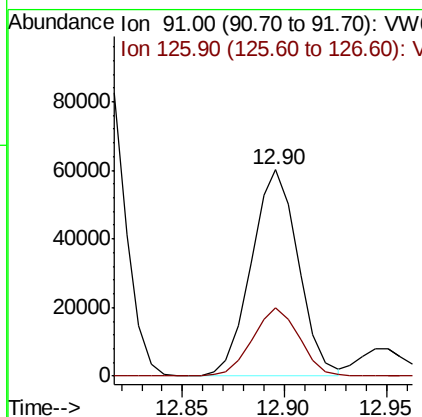
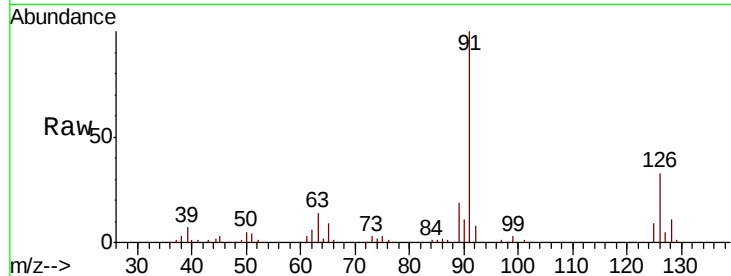
#79
2-Chlorotoluene
Concen: 21.555 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion: 91 Resp: 96373
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0

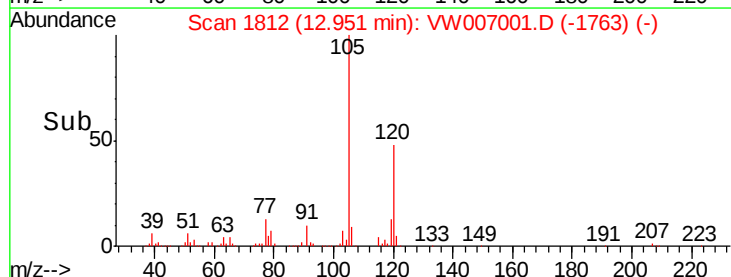
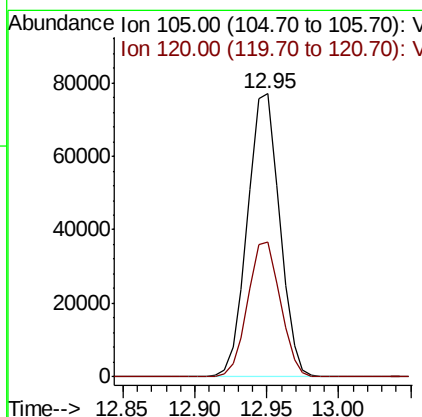
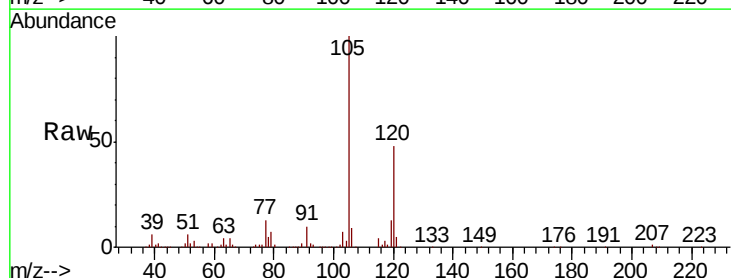
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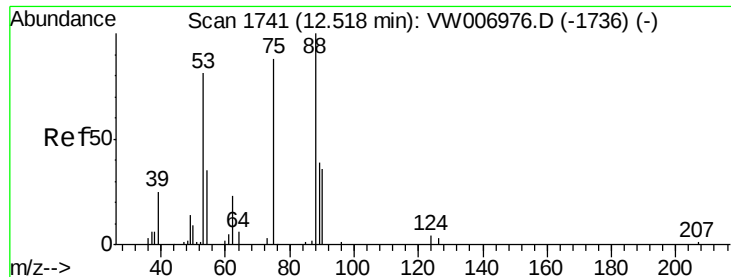
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#80
1,3,5-Trimethylbenzene
Concen: 21.522 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion:105 Resp: 119141
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.2





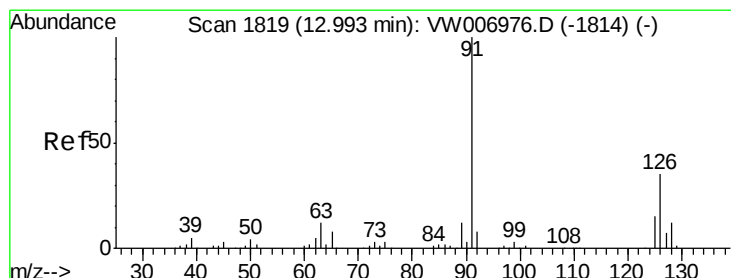
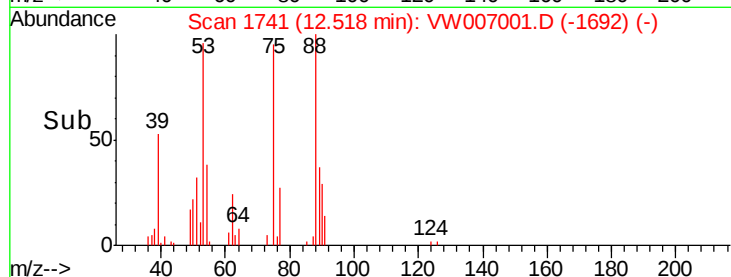
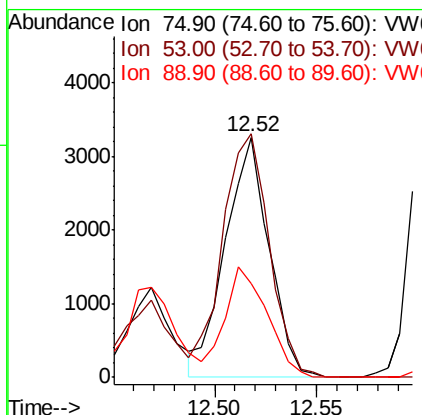
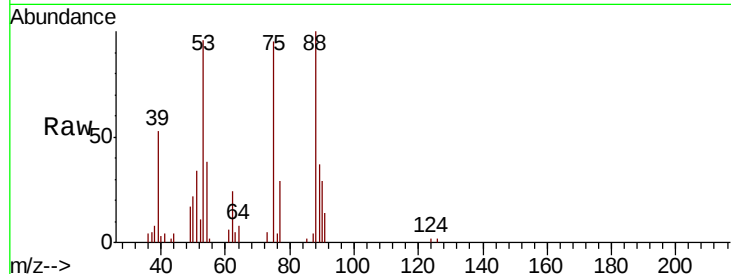
#81
trans-1,4-Dichloro-2-butene
Concen: 18.778 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.1	77.6	116.4
89	44.6	39.3	58.9

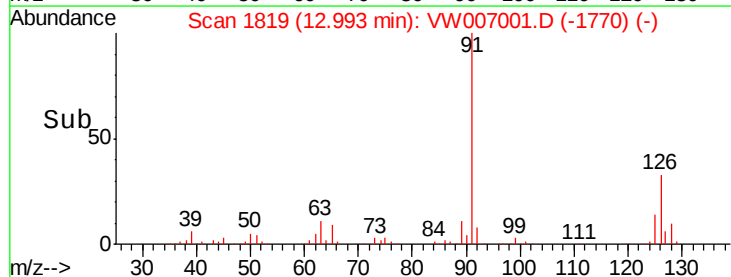
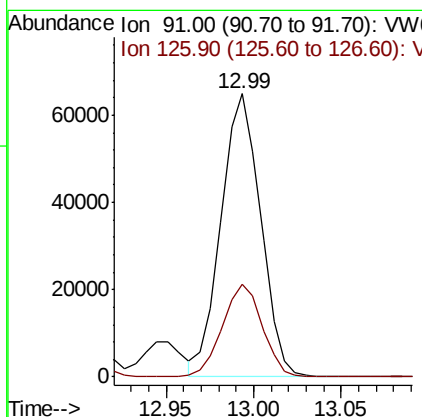
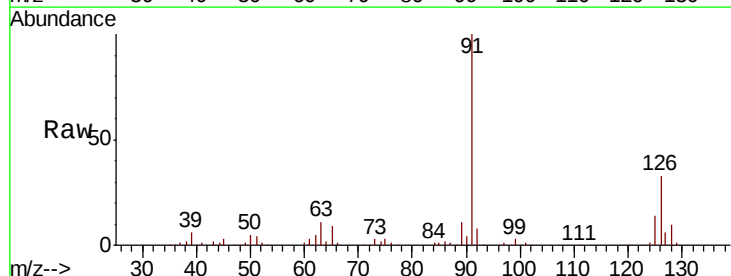
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#82
4-Chlorotoluene
Concen: 21.784 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.6	49.7





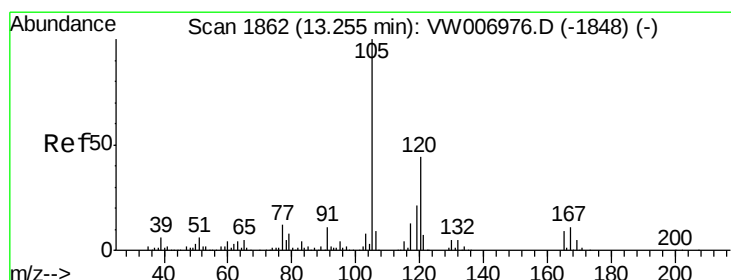
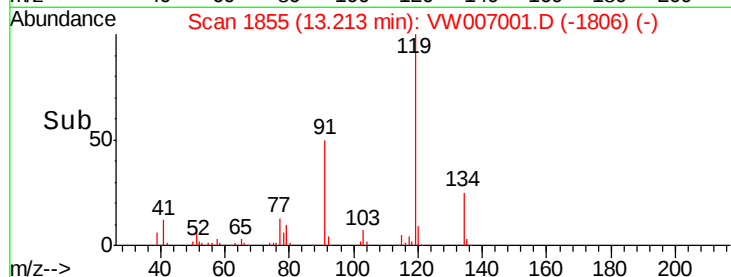
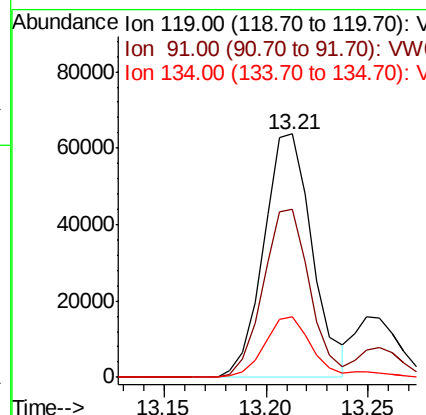
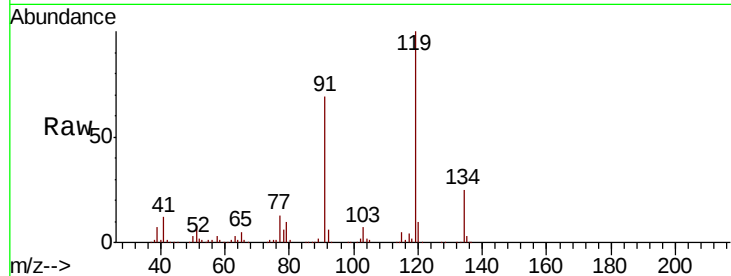
#83
tert-Butylbenzene
Concen: 22.044 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	33.5	100.5
134	25.5	12.6	37.8

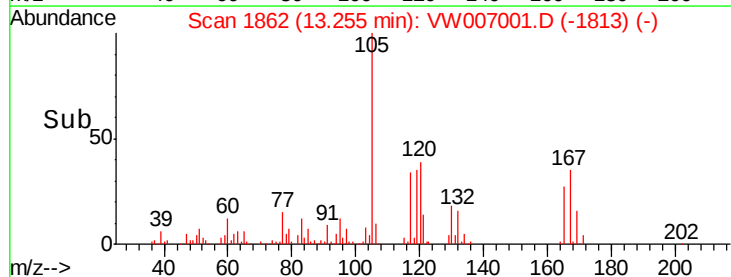
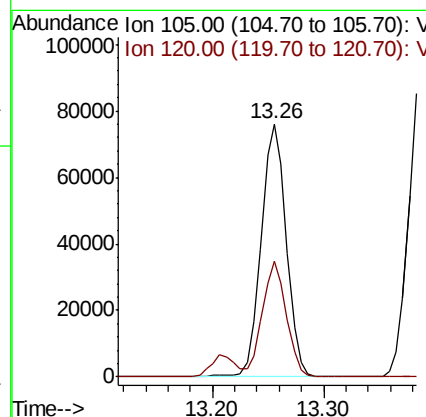
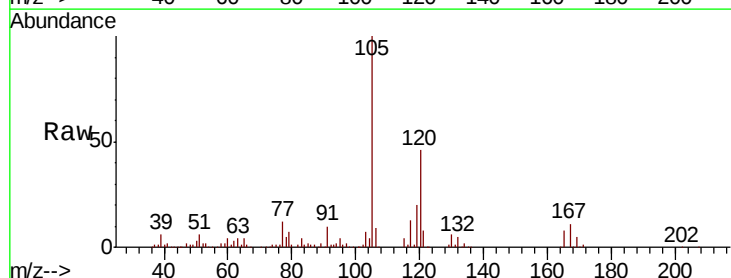
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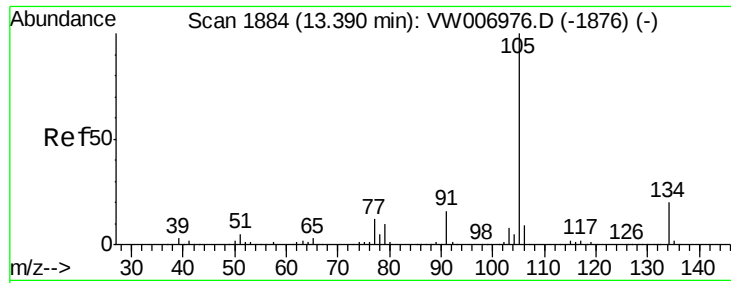
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#84
1,2,4-Trimethylbenzene
Concen: 21.675 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.8	65.3





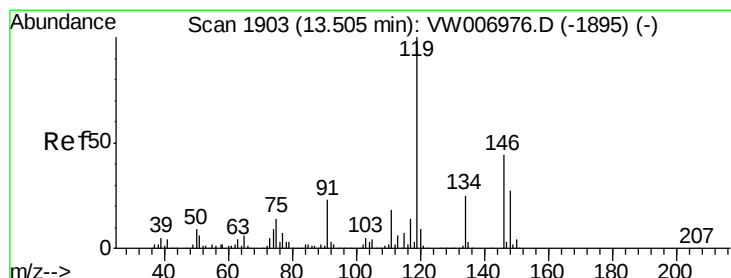
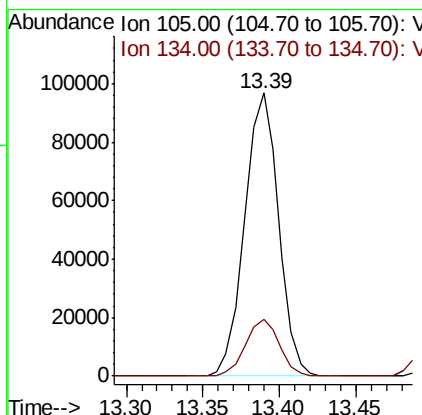
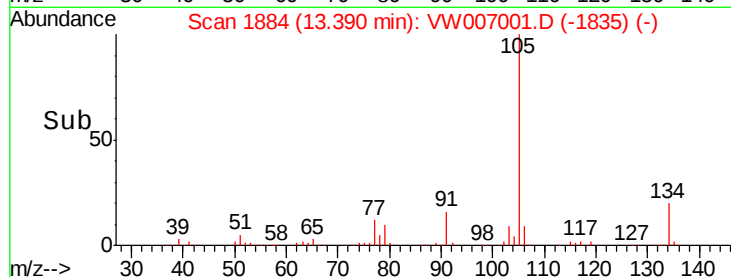
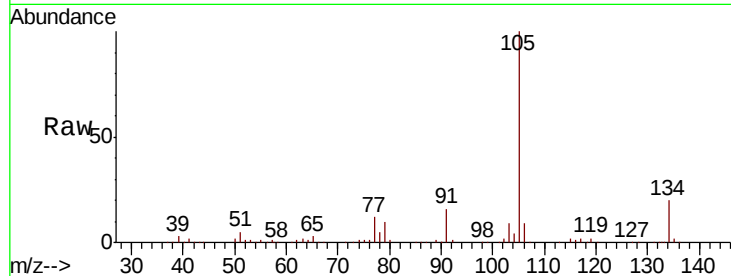
#85
 sec-Butylbenzene
 Concen: 22.003 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.3

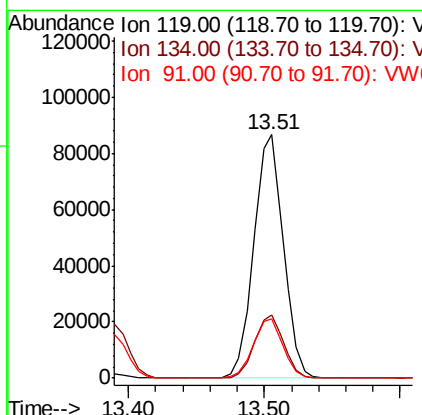
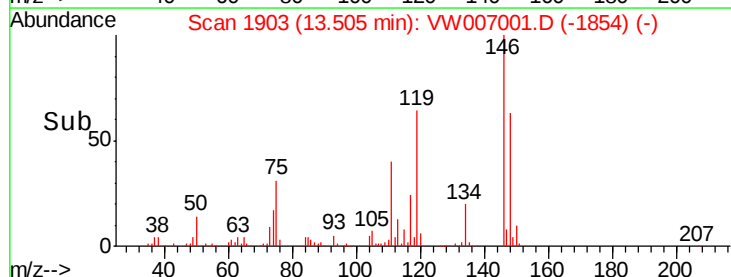
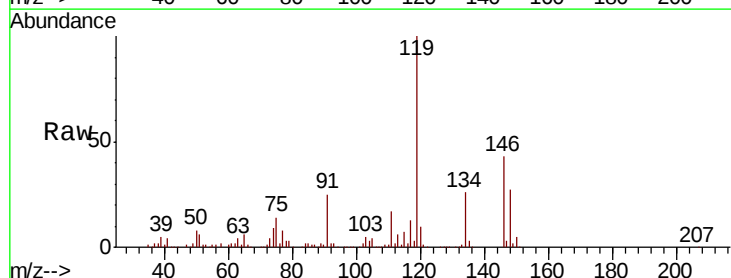
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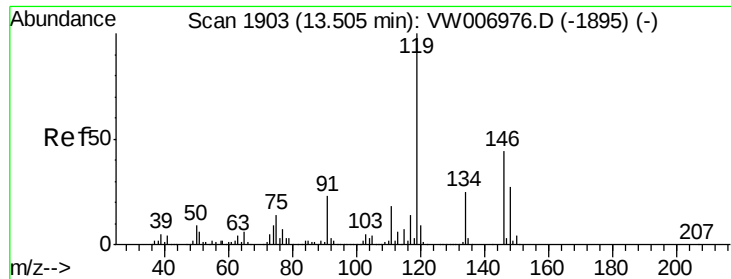
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#86
 p-Isopropyltoluene
 Concen: 22.148 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.3
91	24.6	12.2	36.6





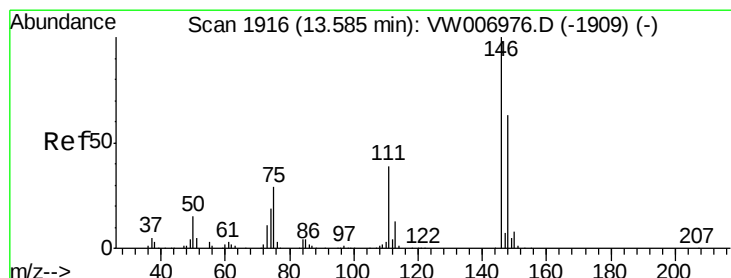
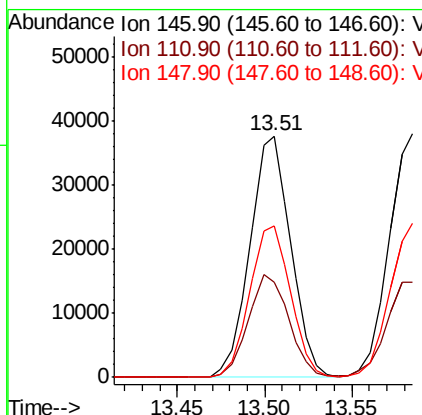
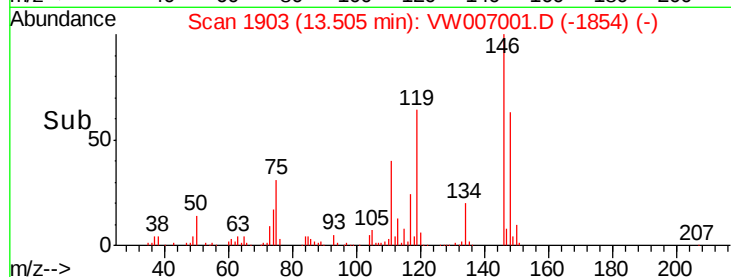
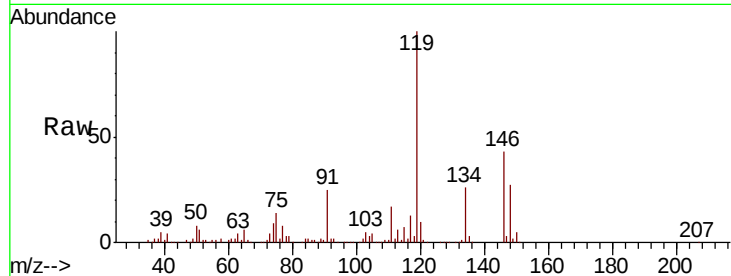
#87
 1,3-Dichlorobenzene
 Concen: 21.669 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.3
148	63.0	31.6	94.8

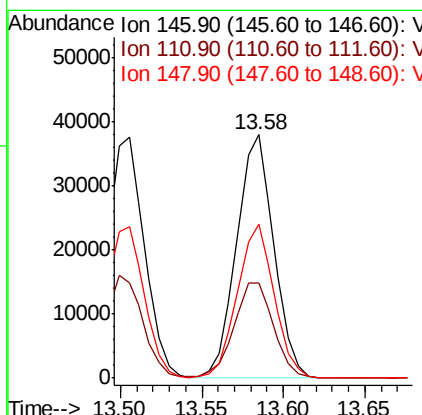
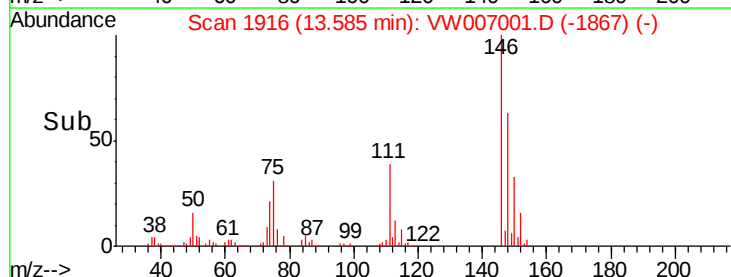
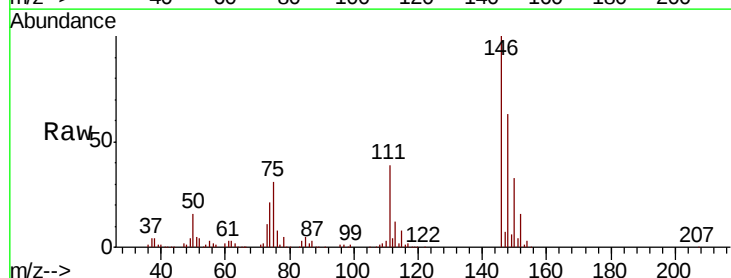
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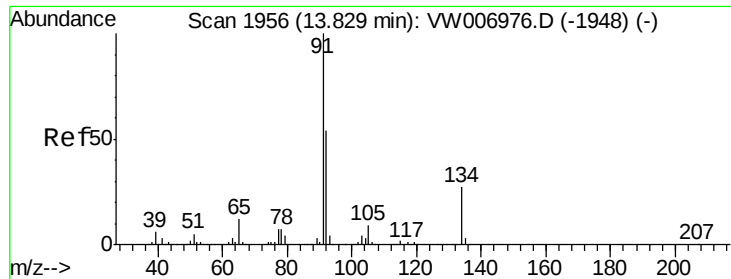
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#88
 1,4-Dichlorobenzene
 Concen: 21.573 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.6	61.8
148	62.6	32.3	96.8





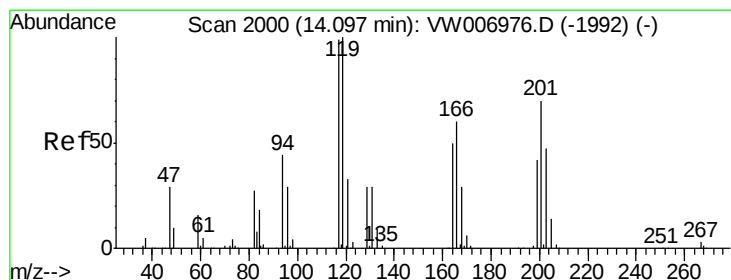
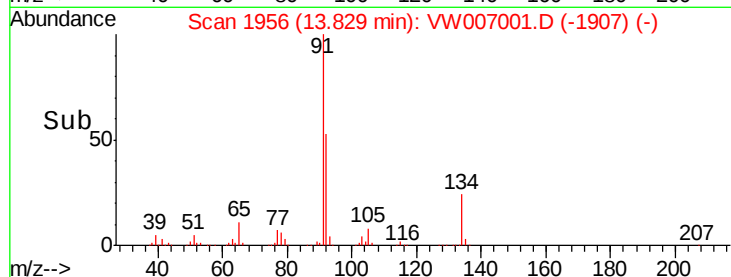
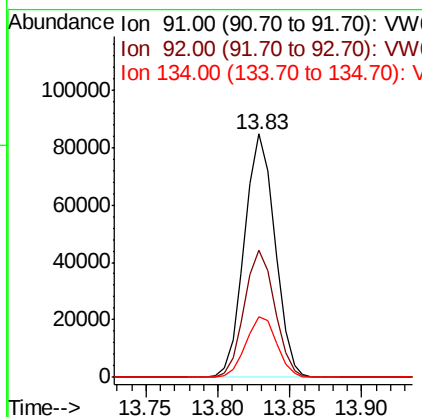
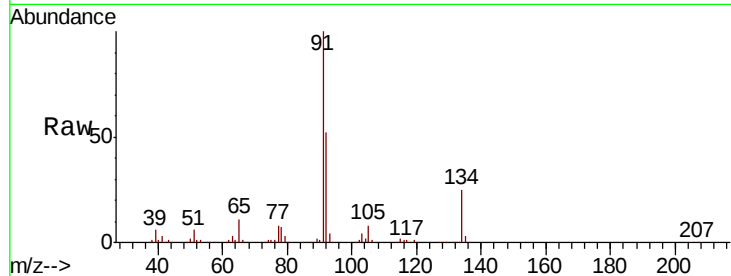
#89
n-Butylbenzene
Concen: 22.142 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	124469		
92	52.1	26.8	80.4	
134	25.3	13.3	39.8	

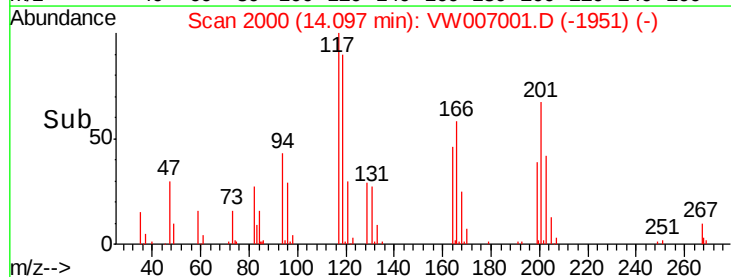
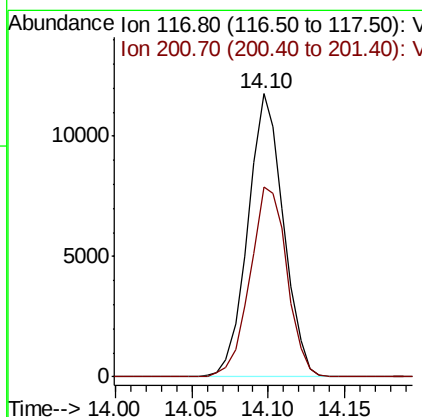
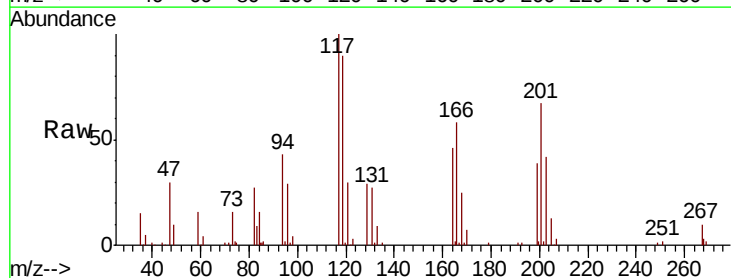
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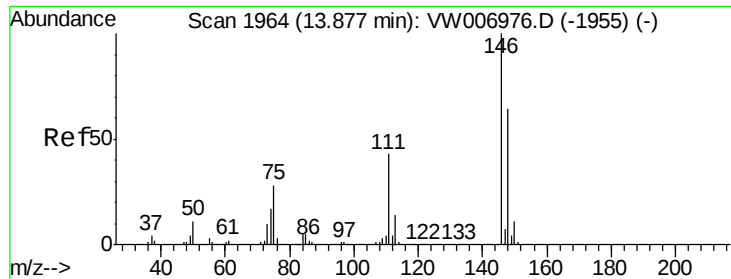
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#90
Hexachloroethane
Concen: 21.770 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	18985		
201	69.7	35.9	107.5	





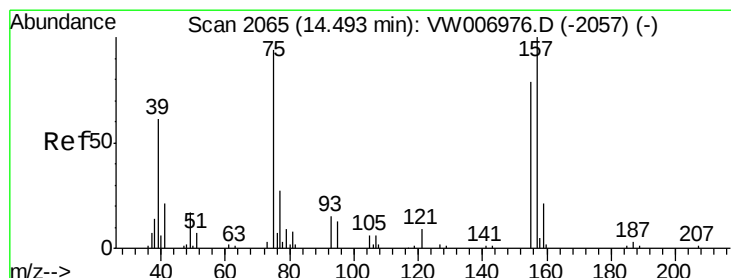
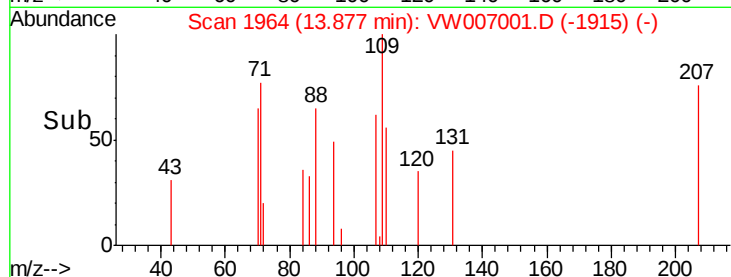
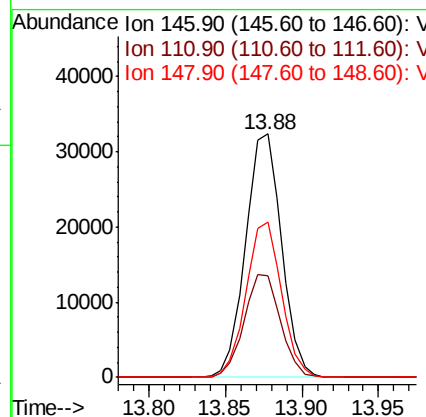
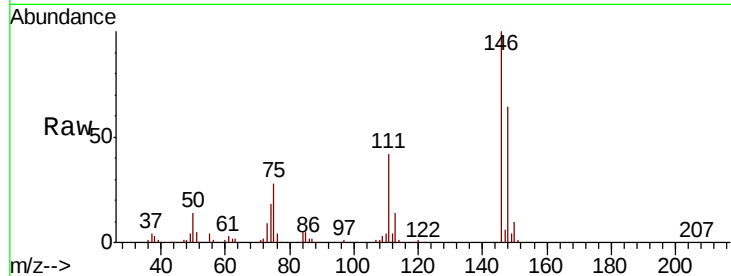
#91
 1,2-Dichlorobenzene
 Concen: 21.562 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.9	65.7
148	62.6	32.2	96.6

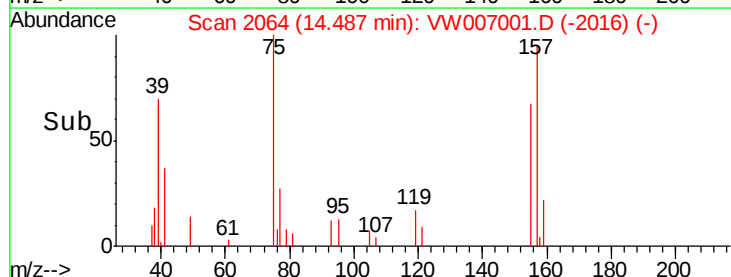
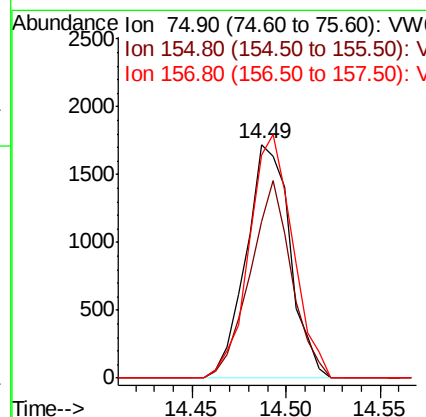
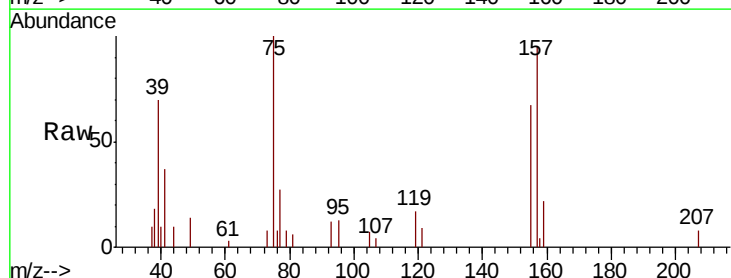
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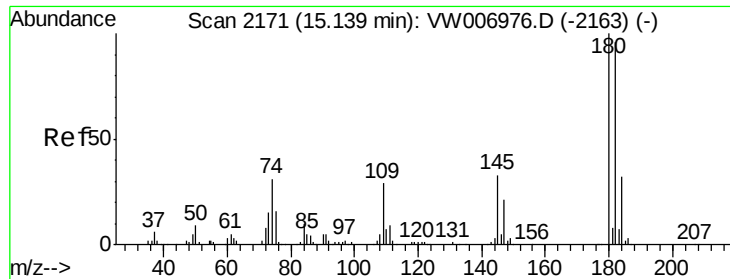
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.362 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.6	42.6	127.8
157	103.5	55.0	165.0





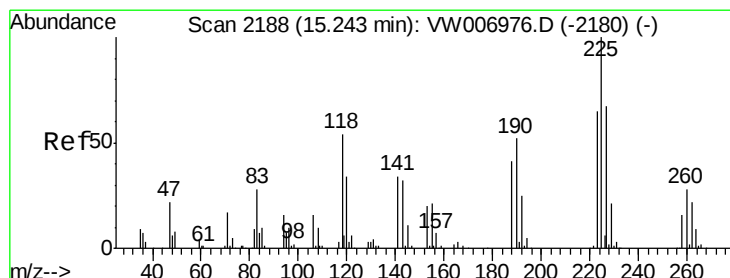
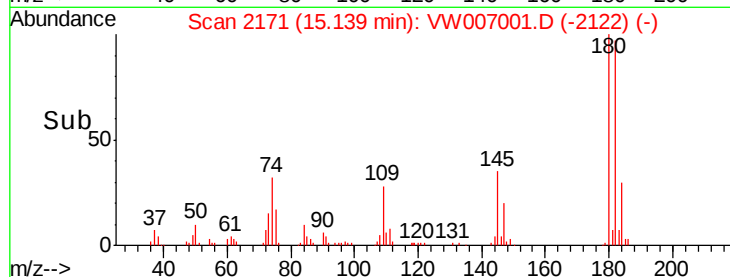
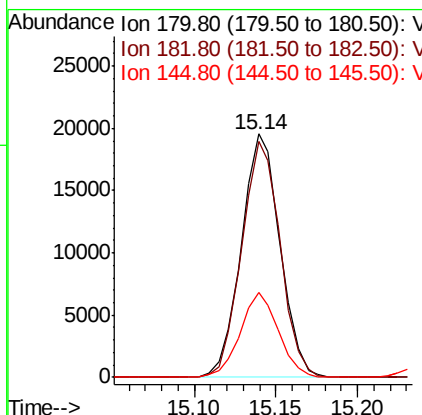
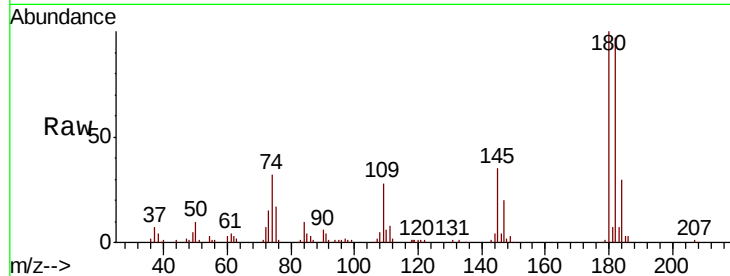
#93
 1,2,4-Trichlorobenzene
 Concen: 19.875 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.1	141.3
145	34.4	16.5	49.5

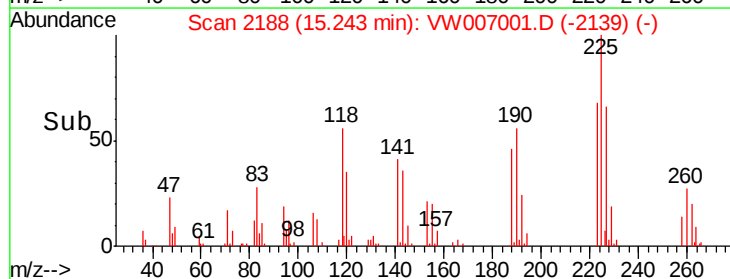
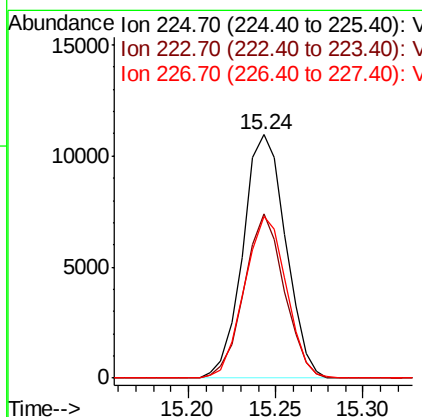
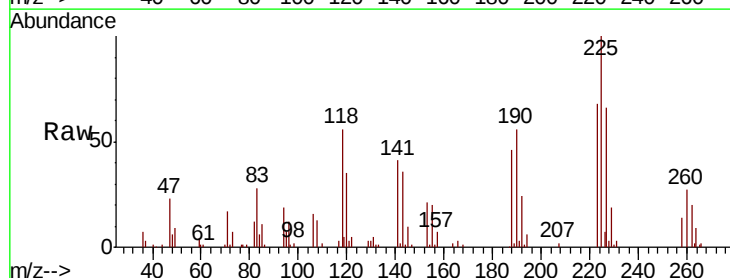
Manual Integrations
 APPROVED

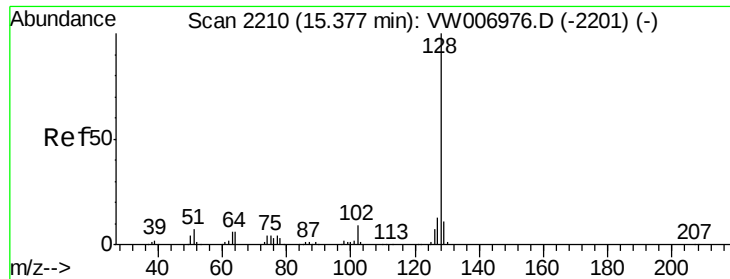
MMDadoda
 11/26/2018 1:04:50 PM



#94
 Hexachlorobutadiene
 Concen: 21.101 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.4	97.0
227	65.2	31.9	95.5





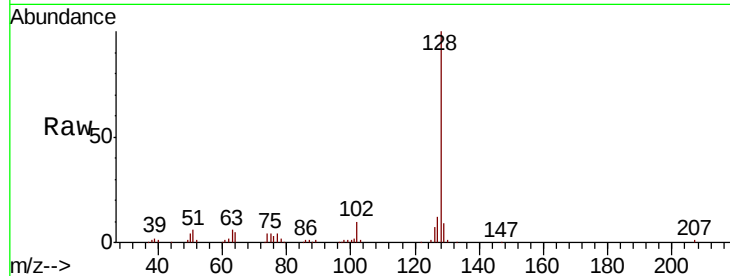
#95
Naphthalene
Concen: 18.503 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/26/2018 1:04:50 PM

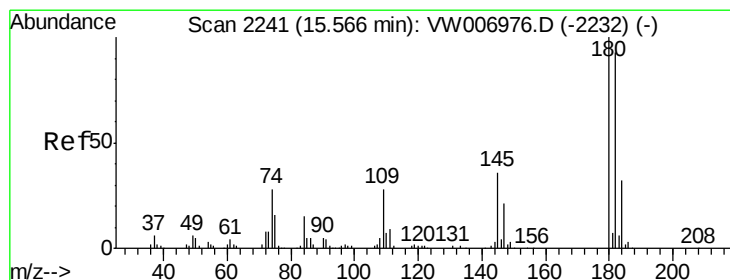
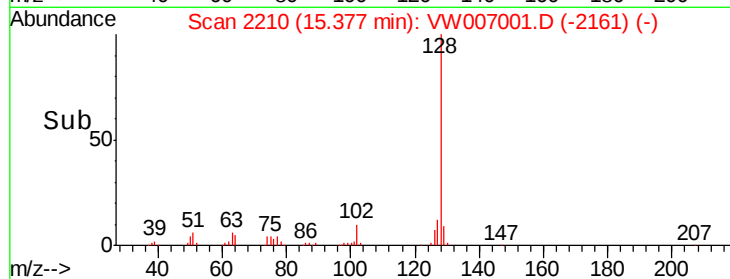
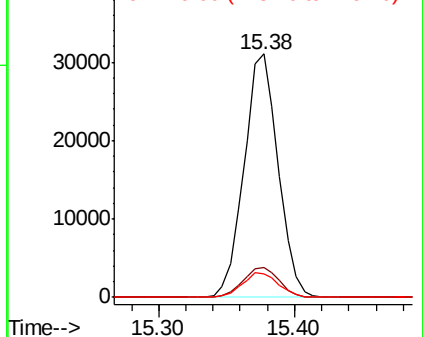


Abundance

Ion 128.00 (127.70 to 128.70): V

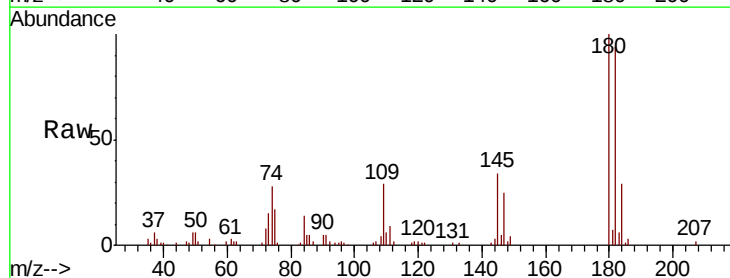
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.905 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.0	141.2
145	35.0	18.0	54.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

