

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW006997.D
 Acq On : 21 Nov 2018 13:12
 Operator : VAY/AP
 Sample : VW1122SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Manual Integrations
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 11/26/2018 12:19:09 PM

Quant Time: Nov 21 16:37:58 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	113666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	176094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	56429	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.88	113	51226	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.32	98	223506	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	86156	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	3030	2.700	ug/l	92
3) Chloromethane	2.21	50	6758	7.226	ug/l	90
4) Vinyl Chloride	2.36	62	9585	10.416	ug/l	94
5) Bromomethane	2.78	94	7273	14.808	ug/l	97
6) Chloroethane	2.92	64	7331	14.452	ug/l	93
7) Trichlorofluoromethane	3.26	101	30225	16.704	ug/l	100
8) Diethyl Ether	3.70	74	11140	19.107	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	22453	19.141	ug/l	98
10) Methyl Iodide	4.28	142	19145	14.257	ug/l	97
11) Tert butyl alcohol	5.23	59	6786	93.674	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	18346	17.832	ug/l	98
13) Acrolein	3.91	56	7681	103.244	ug/l	100
14) Allyl chloride	4.68	41	32129	18.828	ug/l	99
15) Acrylonitrile	5.38	53	21618	98.651	ug/l	99
16) Acetone	4.15	43	16151	99.964	ug/l	94
17) Carbon Disulfide	4.39	76	48046	14.444	ug/l	98
18) Methyl Acetate	4.68	43	10984	19.090	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	54465	20.274	ug/l	100
20) Methylene Chloride	4.92	84	30556	20.551	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	23575	19.671	ug/l	94
22) Diisopropyl ether	6.32	45	67049	20.187	ug/l	99
23) Vinyl Acetate	6.26	43	180466	102.316	ug/l	99
24) 1,1-Dichloroethane	6.22	63	39243	19.422	ug/l	99
25) 2-Butanone	7.18	43	27949	101.000	ug/l	98
26) 2,2-Dichloropropane	7.17	77	39720	21.860	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25329	19.846	ug/l	97
28) Bromochloromethane	7.52	49	14546	19.262	ug/l	96
29) Tetrahydrofuran	7.54	42	16890	94.242	ug/l	99
30) Chloroform	7.68	83	43622	20.321	ug/l	98
31) Cyclohexane	7.96	56	42930	20.031	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	41958	21.700	ug/l	99
36) 1,1-Dichloropropene	8.09	75	36375	21.138	ug/l	99
37) Ethyl Acetate	7.26	43	13261	21.266	ug/l	98
38) Carbon Tetrachloride	8.07	117	36213	21.976	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43302	20.108	ug/l	98
40) Benzene	8.33	78	95406	20.539	ug/l	100
41) Methacrylonitrile	7.49	41	7317	18.895	ug/l	97
42) 1,2-Dichloroethane	8.40	62	27342	20.274	ug/l	99
43) Isopropyl Acetate	8.43	43	24345	20.487	ug/l	99
44) Trichloroethene	9.09	130	27551	21.158	ug/l	99
45) 1,2-Dichloropropane	9.37	63	24534	21.426	ug/l	98
46) Dibromomethane	9.46	93	11728	20.453	ug/l	100
47) Bromodichloromethane	9.65	83	32670	21.625	ug/l	99
48) Methyl methacrylate	9.44	41	11051	19.287	ug/l	98
49) 1,4-Dioxane	9.48	88	3082	361.621	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	61117	101.773	ug/l	100
52) Toluene	10.39	92	64822	20.506	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	30308	20.709	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	36831	20.831	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	17646	20.916	ug/l	96
56) Ethyl methacrylate	10.65	69	19918	20.339	ug/l	97
57) 1,3-Dichloropropane	10.93	76	29704	21.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	52875	103.326	ug/l	100
59) 2-Hexanone	10.97	43	41484	100.877	ug/l	100
60) Dibromochloromethane	11.13	129	20181	20.993	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15902	20.605	ug/l	97
64) Tetrachloroethene	10.87	164	22357	21.255	ug/l	98
65) Chlorobenzene	11.66	112	72530	21.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	22406	21.704	ug/l	99
67) Ethyl Benzene	11.73	91	133450	21.287	ug/l	97
68) m/p-Xylenes	11.84	106	104265	42.391	ug/l	100
69) o-Xylene	12.17	106	49068	21.157	ug/l	100
70) Styrene	12.18	104	78481	21.262	ug/l	99
71) Bromoform	12.35	173	10053	20.672	ug/l #	98
73) Isopropylbenzene	12.47	105	136787	21.396	ug/l	100
74) N-amyl acetate	12.27	43	22402	20.907	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17416	20.469	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13397m	20.726	ug/l	
77) Bromobenzene	12.75	156	29095	21.189	ug/l	96
78) n-propylbenzene	12.81	91	164291	21.215	ug/l	100
79) 2-Chlorotoluene	12.90	91	93496	20.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	116513	21.075	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4994	19.396	ug/l	91
82) 4-Chlorotoluene	12.99	91	99641	21.264	ug/l	99
83) tert-Butylbenzene	13.21	119	101881	21.285	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	116853	21.215	ug/l	99
85) sec-Butylbenzene	13.39	105	145881	21.574	ug/l	99
86) p-Isopropyltoluene	13.51	119	127373	21.351	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	59755	21.316	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	58330	20.869	ug/l	98
89) n-Butylbenzene	13.83	91	120079	21.389	ug/l	100
90) Hexachloroethane	14.10	117	18023	20.694	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	51976	21.160	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2939	20.453	ug/l	92

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ClientSampleId :
VW1122SBSD01

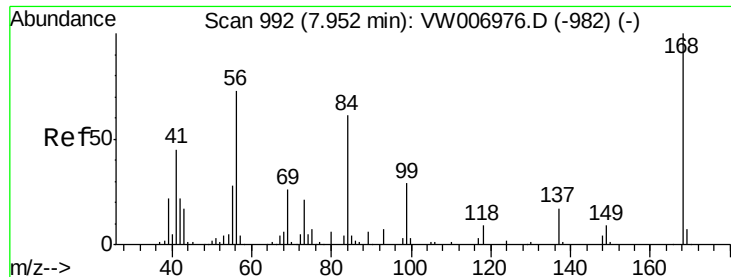
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33335	20.580	ug/l	99
94) Hexachlorobutadiene	15.24	225	18194	20.662	ug/l	99
95) Naphthalene	15.38	128	58232	19.805	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27764	20.661	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

Tot Ion:168 Resp: 113666

Ion Ratio Lower Upper

168 100

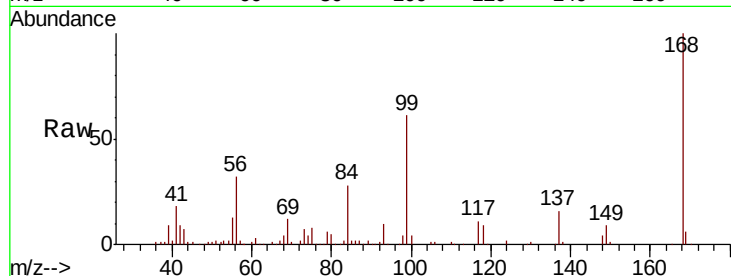
99 61.2 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

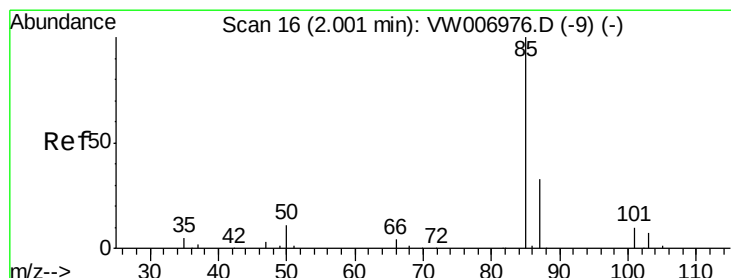
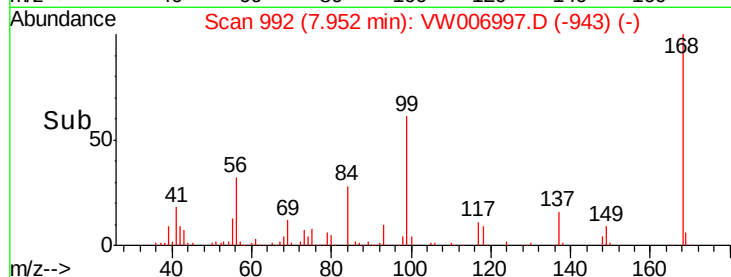
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 2.700 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006997.D

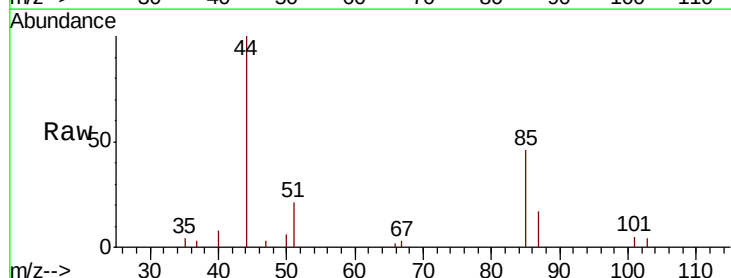
Acq: 21 Nov 2018 13:12

Tgt Ion: 85 Resp: 3030

Ion Ratio Lower Upper

85 100

87 37.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2000

1500

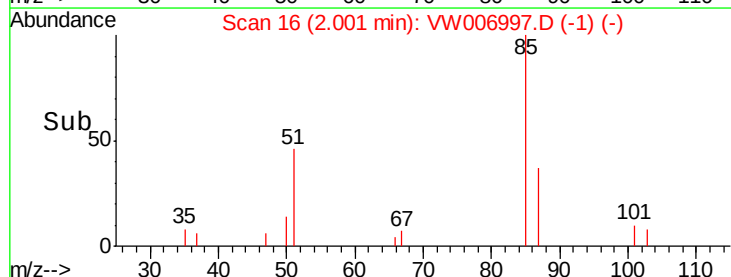
1000

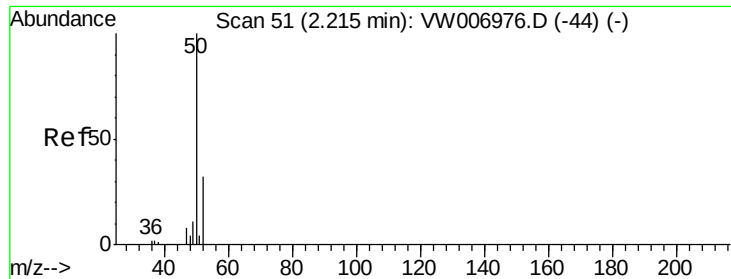
500

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 7.226 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

Tot Ion: 50 Resp: 6758

Ion Ratio Lower Upper

50 100

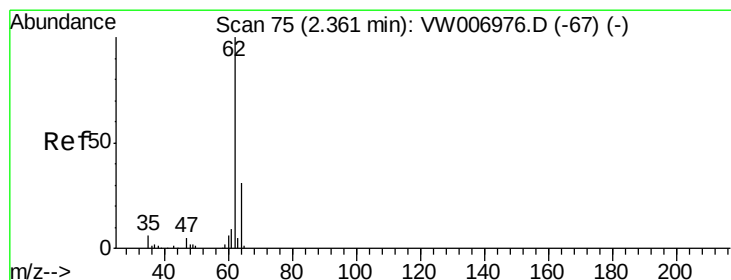
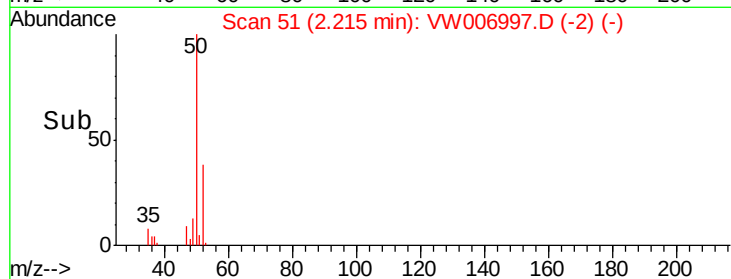
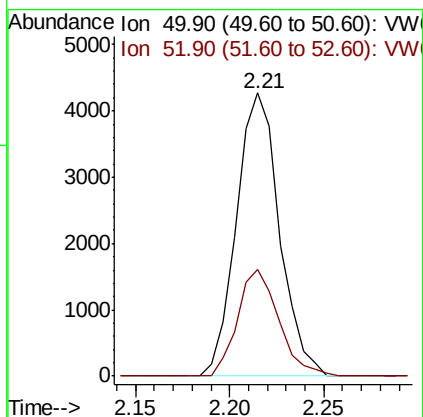
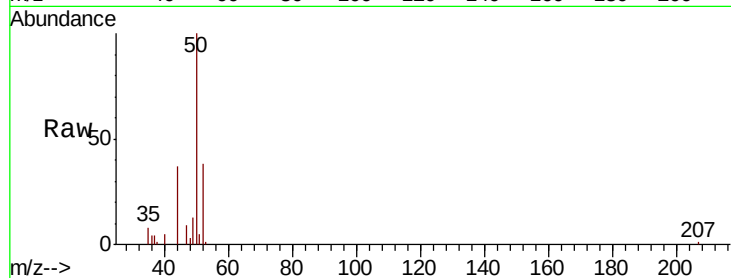
52 37.6 25.7 38.5

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#4

Vinyl Chloride

Concen: 10.416 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006997.D

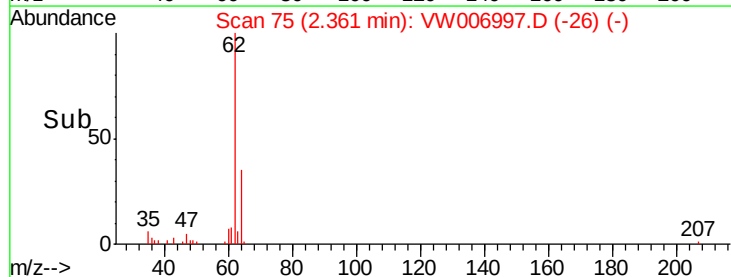
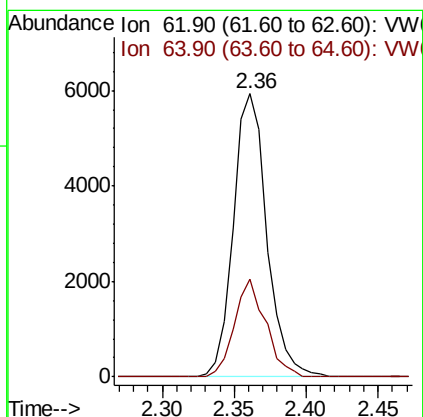
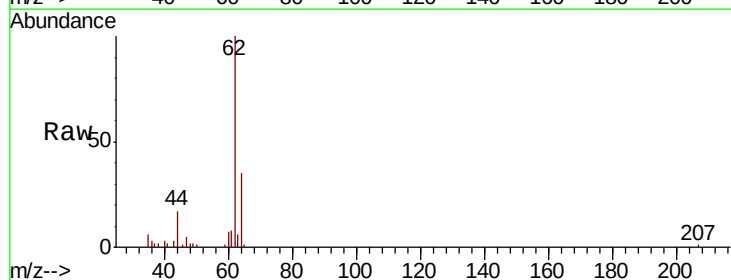
Acq: 21 Nov 2018 13:12

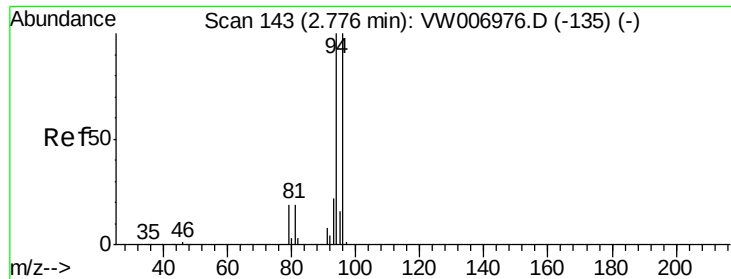
Tgt Ion: 62 Resp: 9585

Ion Ratio Lower Upper

62 100

64 34.7 25.2 37.8





#5

Bromomethane

Concen: 14.808 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 94 Resp: 7273

Ion Ratio Lower Upper

94 100

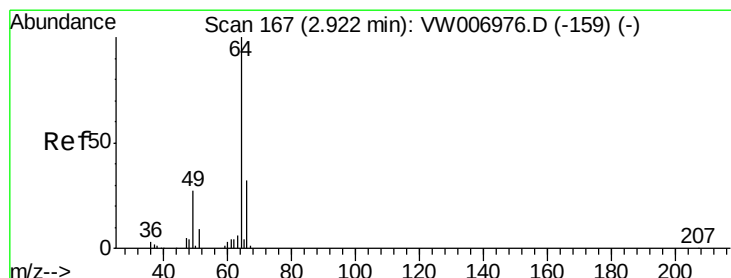
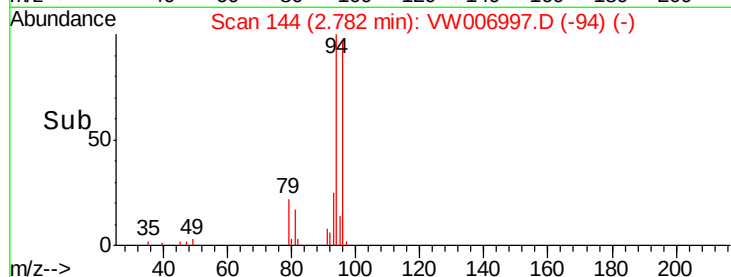
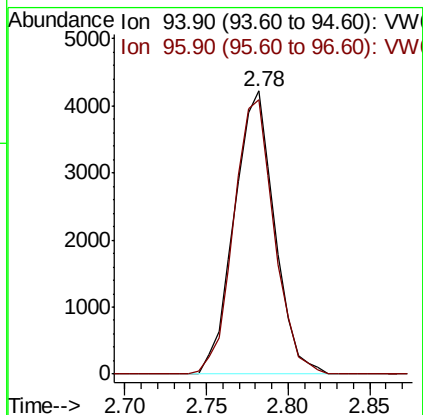
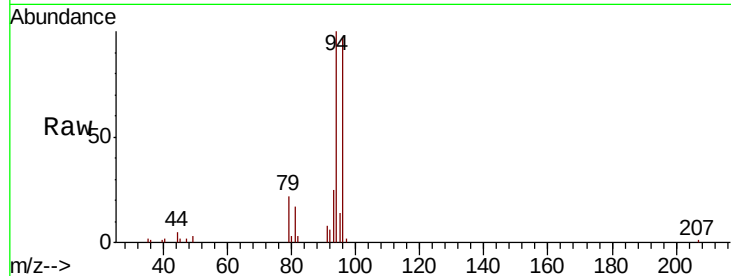
96 97.0 80.2 120.2

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#6

Chloroethane

Concen: 14.452 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006997.D

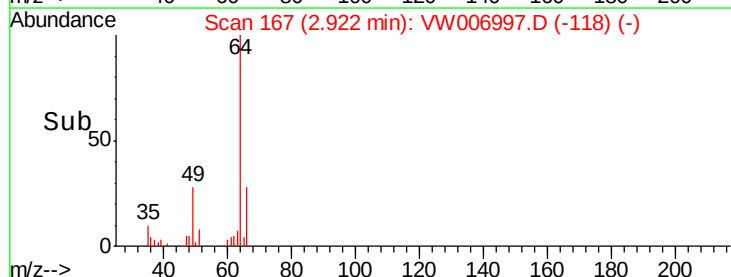
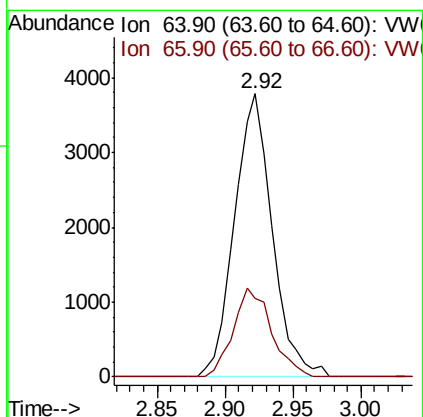
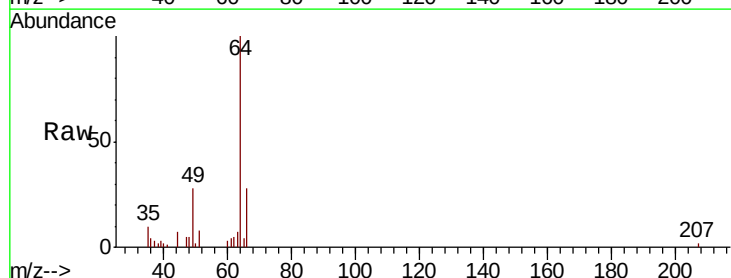
Acq: 21 Nov 2018 13:12

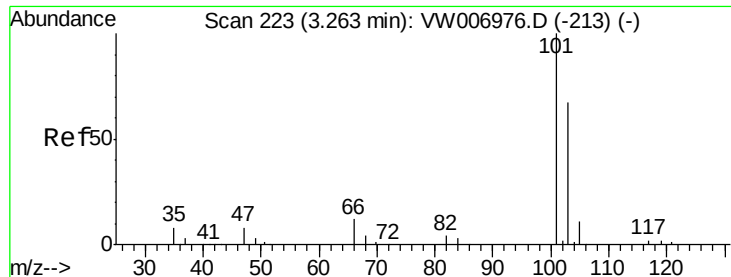
Tgt Ion: 64 Resp: 7331

Ion Ratio Lower Upper

64 100

66 27.8 25.3 37.9





#7

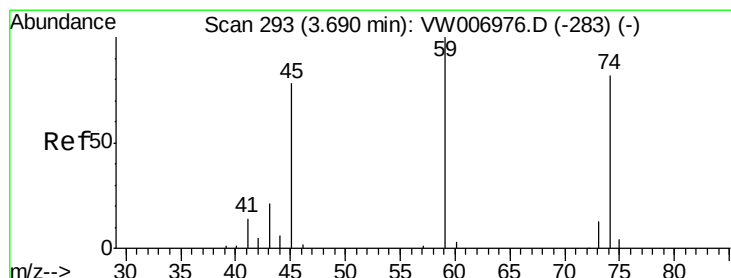
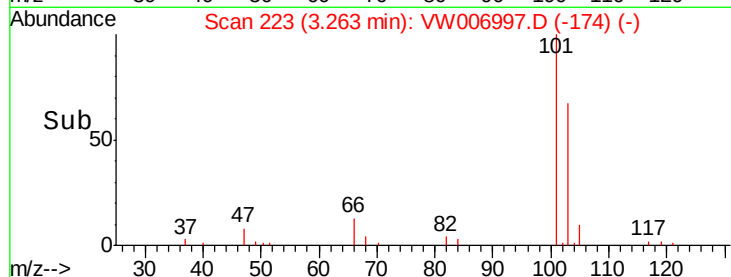
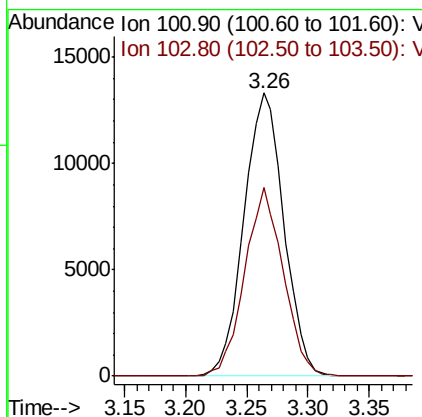
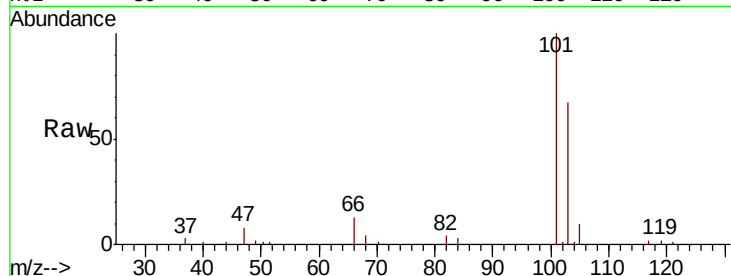
Trichlorofluoromethane
 Concen: 16.704 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006997.D
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 VW1122SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		30225		
103	66.6	53.4	80.2		

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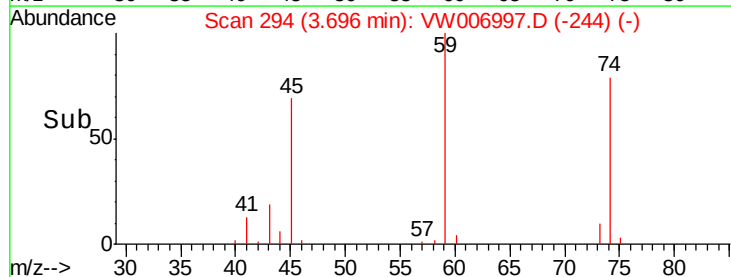
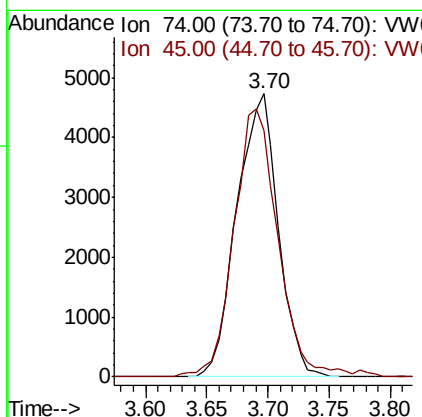
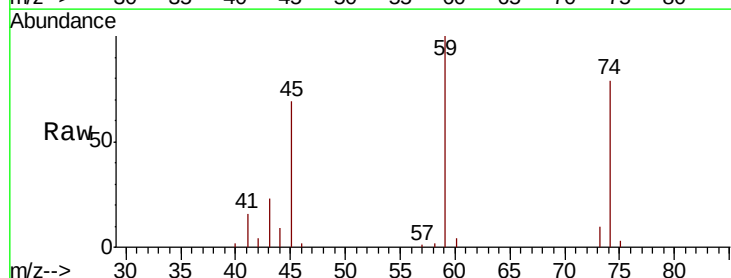
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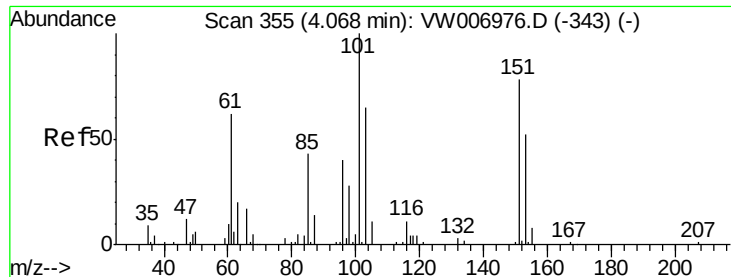


#8

Diethyl Ether
 Concen: 19.107 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		11140		
45	100.2	48.4	145.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.141 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

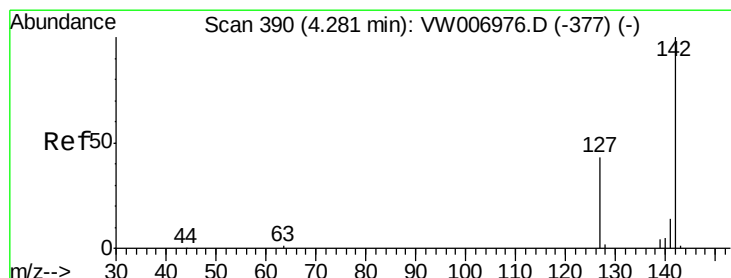
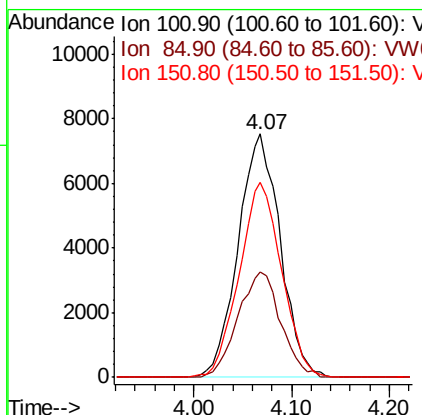
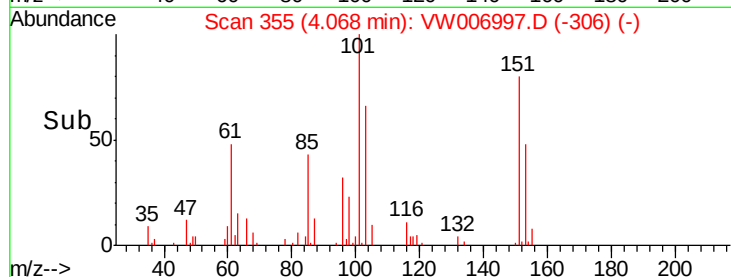
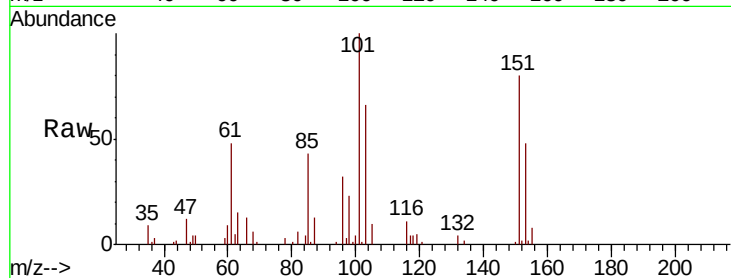
ClientSampleId :

VW1122SBSD01

Tot Ion:	101	Resp:	22453
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.3	51.5
151	80.8	63.4	95.2

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#10

Methyl Iodide

Concen: 14.257 ug/l

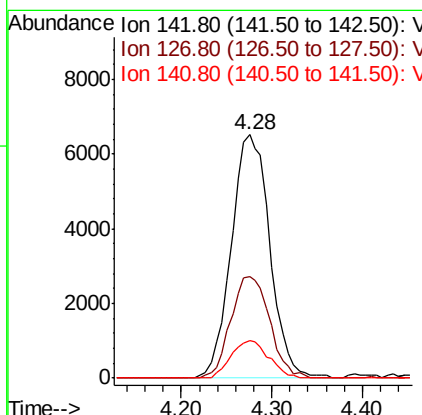
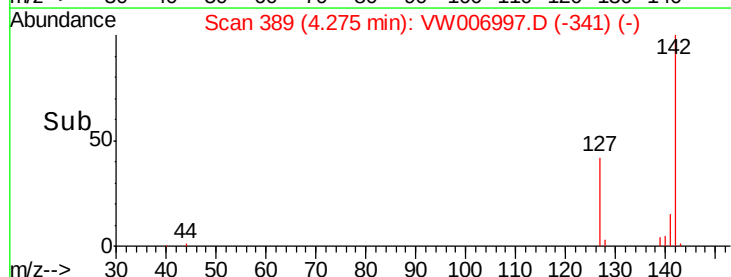
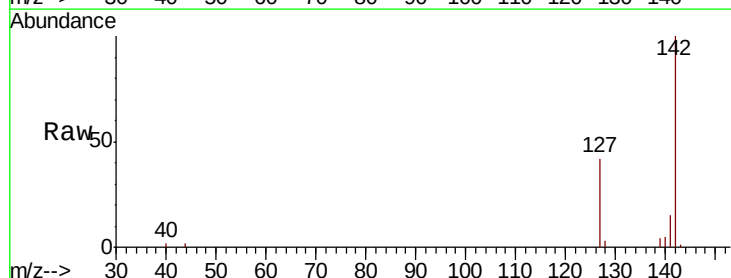
RT: 4.28 min Scan# 389

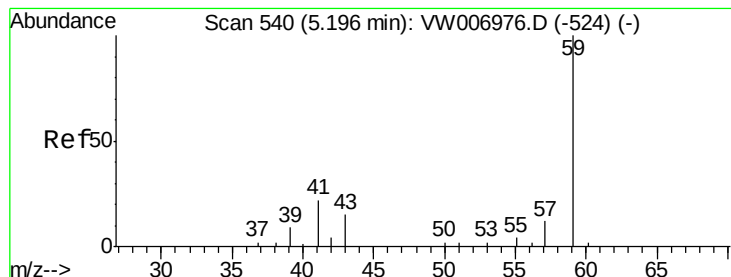
Delta R.T. -0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Tgt Ion:	142	Resp:	19145
Ion Ratio	Lower	Upper	
142	100		
127	42.1	35.3	52.9
141	15.0	11.7	17.5





#11

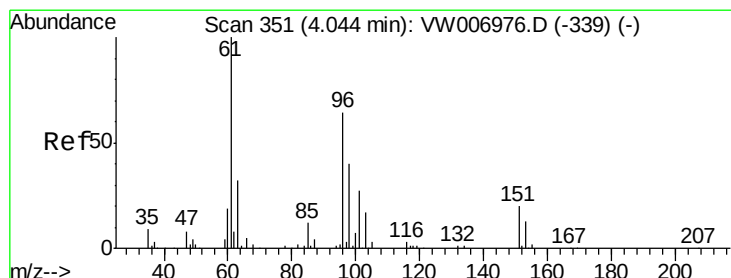
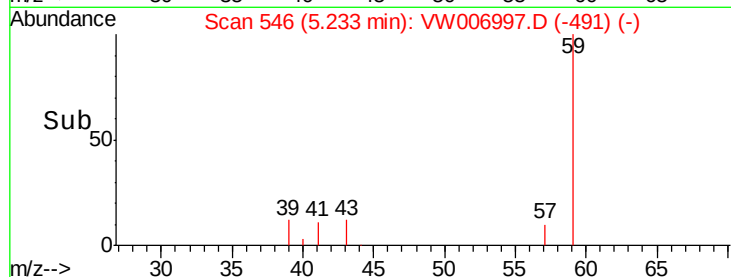
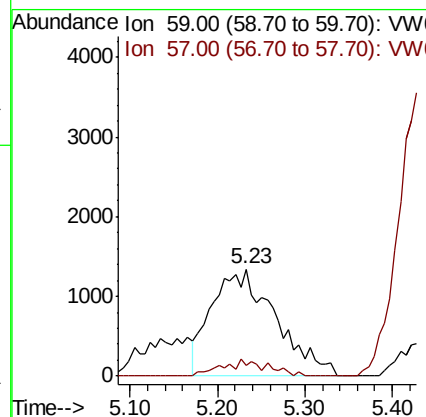
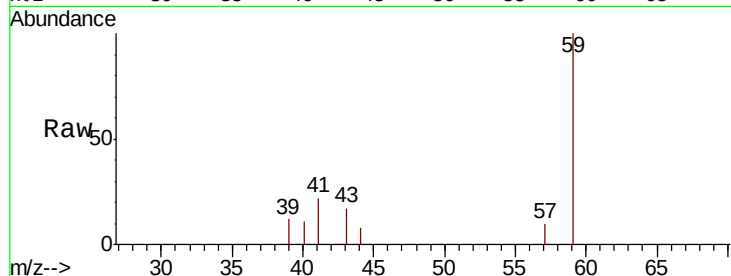
Tert butyl alcohol
 Concen: 93.674 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. 0.04 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.6	13.0#

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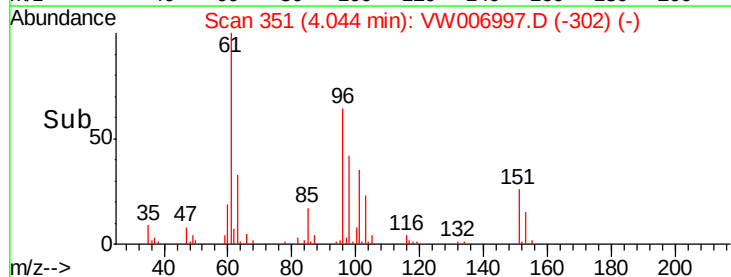
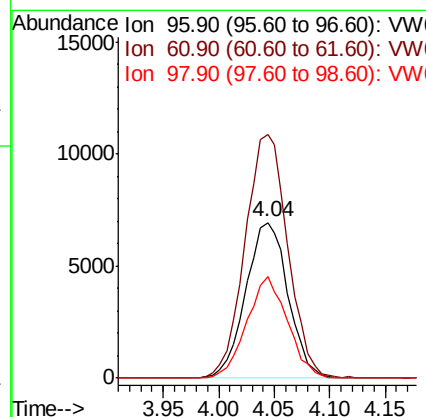
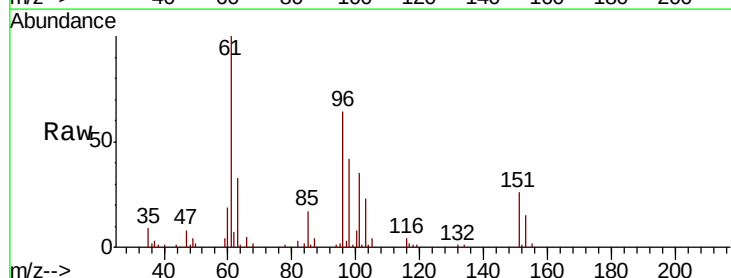
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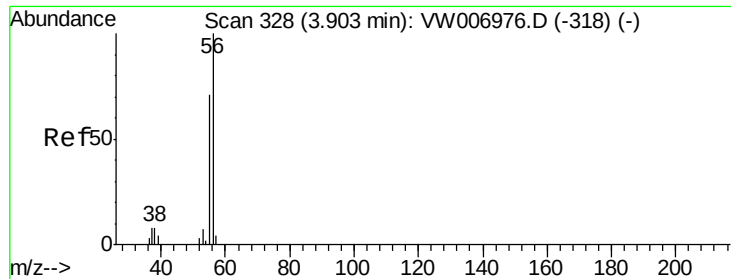


#12

1,1-Dichloroethene
 Concen: 17.832 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	124.3	186.5
98	65.2	49.4	74.2





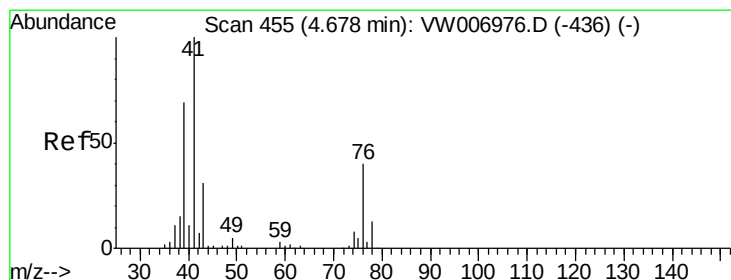
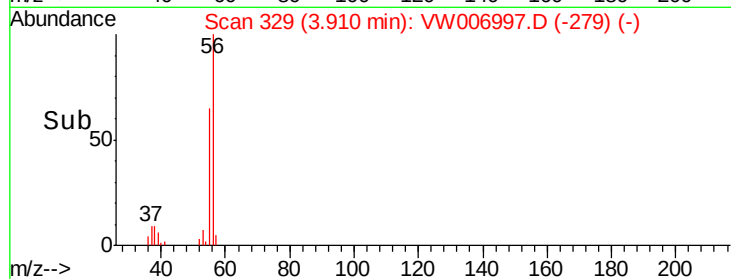
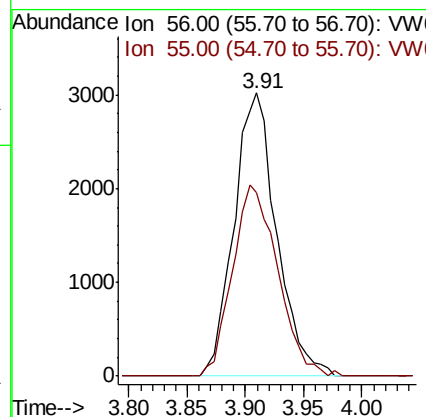
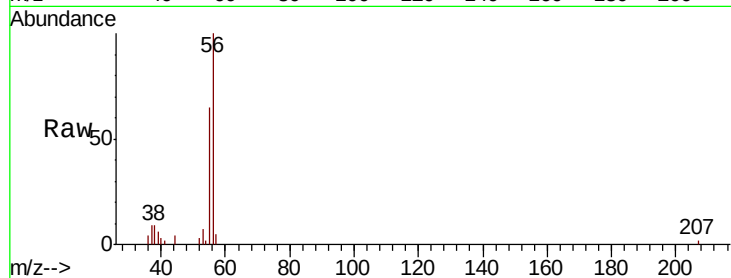
#13
Acrolein
Concen: 103.244 ug/l
RT: 3.91 min Scan# 329
Delta R.T. 0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	57.5	86.3

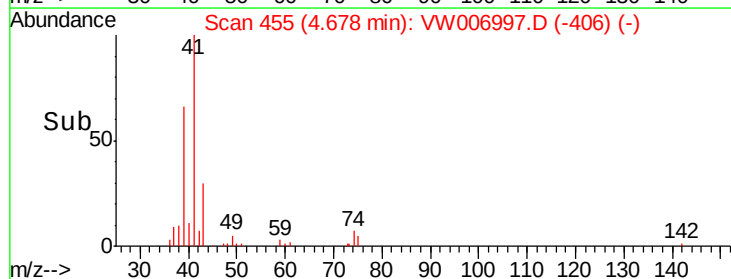
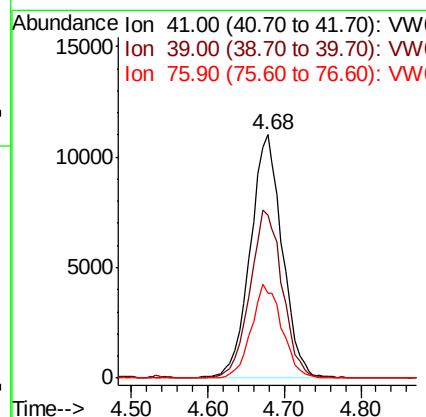
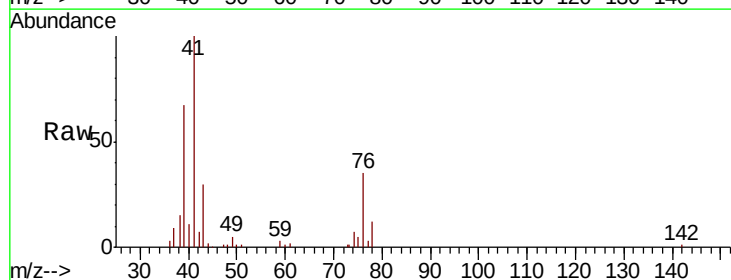
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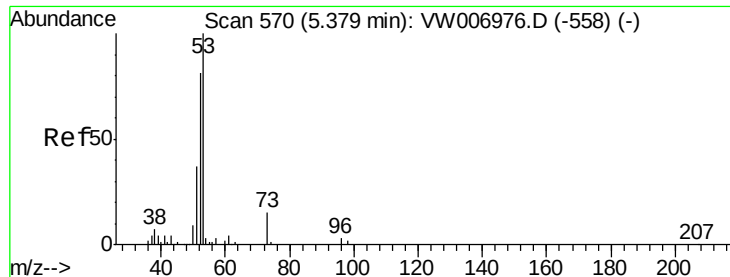
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#14
Allyl chloride
Concen: 18.828 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.9	55.4	83.2
76	36.6	29.6	44.4





#15

Acrylonitrile

Concen: 98.651 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

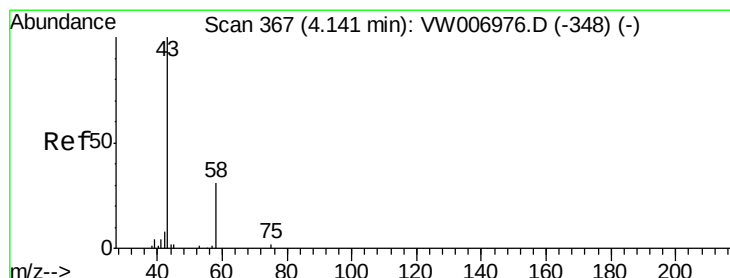
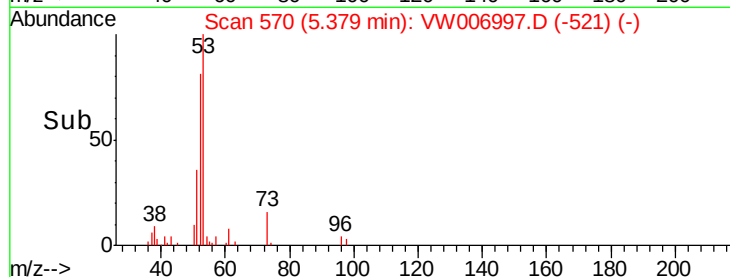
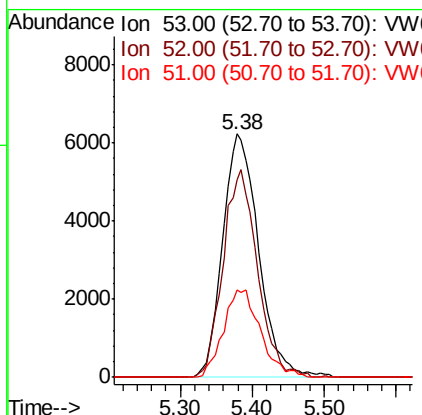
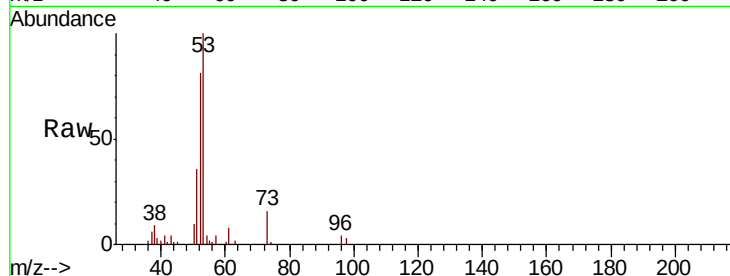
ClientSampleId :

VW1122SBS01

Tot Ion:	53	Resp:	21618
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.7	98.5
51	37.0	29.9	44.9

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#16

Acetone

Concen: 99.964 ug/l

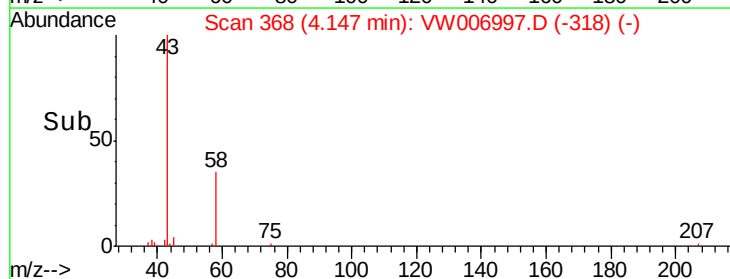
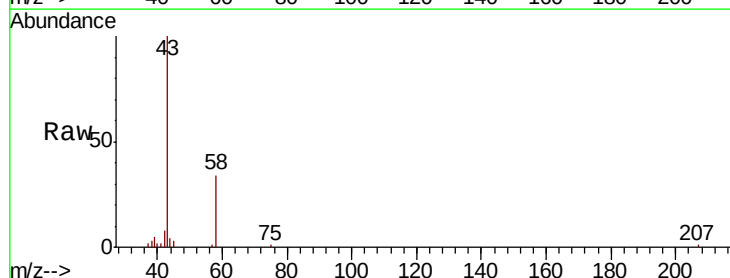
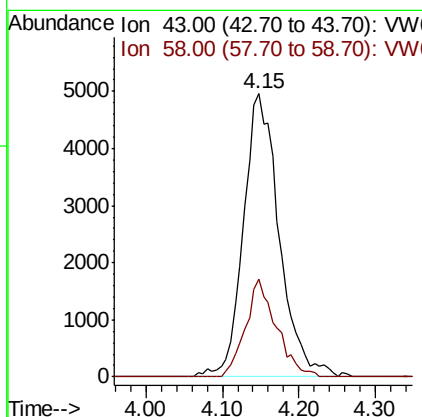
RT: 4.15 min Scan# 368

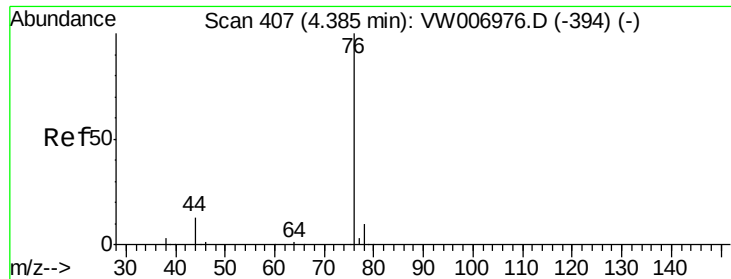
Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Tgt Ion:	43	Resp:	16151
Ion Ratio	Lower	Upper	
43	100		
58	34.4	24.8	37.2





#17

Carbon Disulfide

Concen: 14.444 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

Tot Ion: 76 Resp: 48046

Ion Ratio Lower Upper

76 100

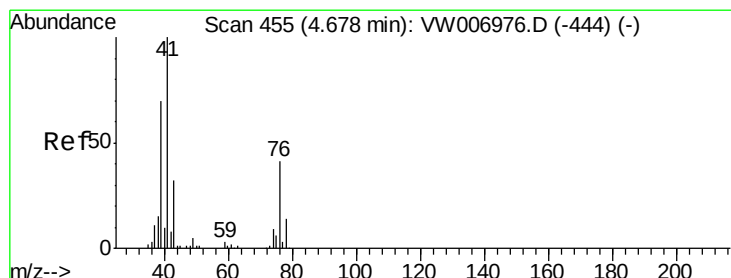
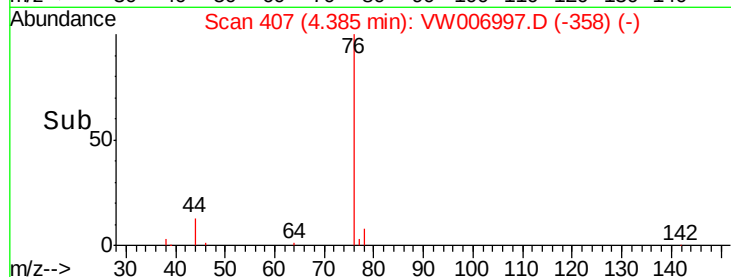
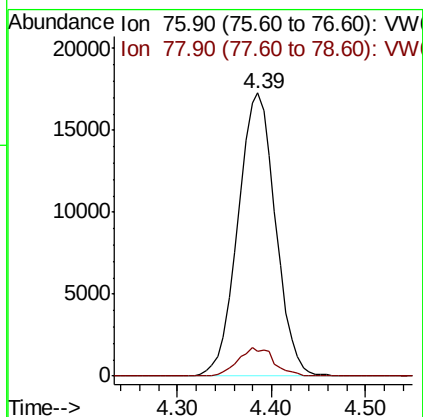
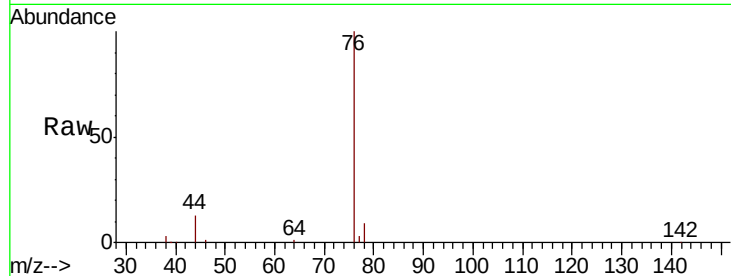
78 8.8 7.8 11.6

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#18

Methyl Acetate

Concen: 19.090 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006997.D

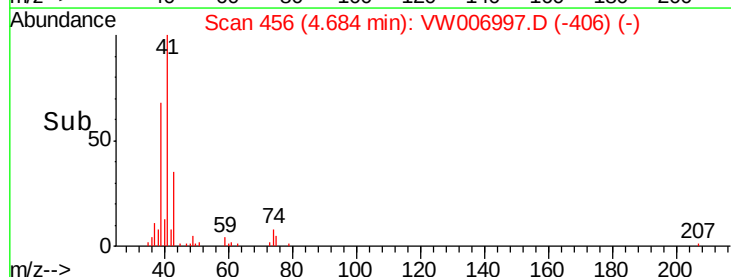
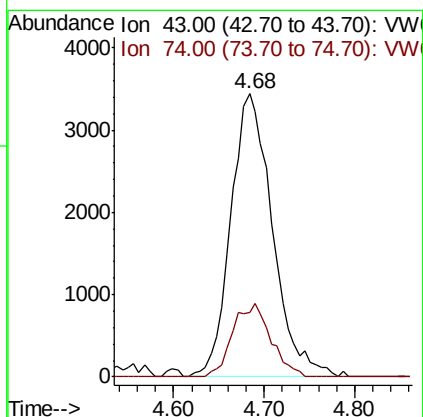
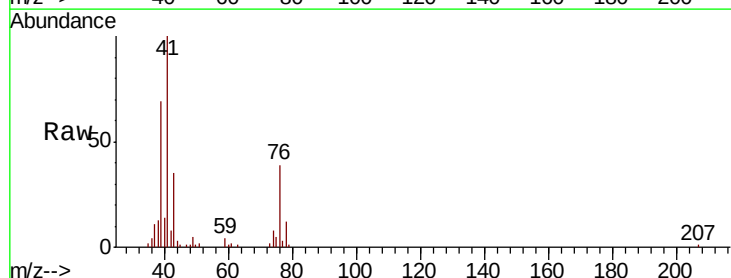
Acq: 21 Nov 2018 13:12

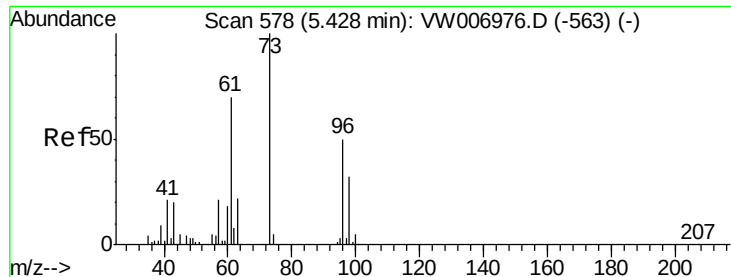
Tgt Ion: 43 Resp: 10984

Ion Ratio Lower Upper

43 100

74 23.6 20.1 30.1





#19

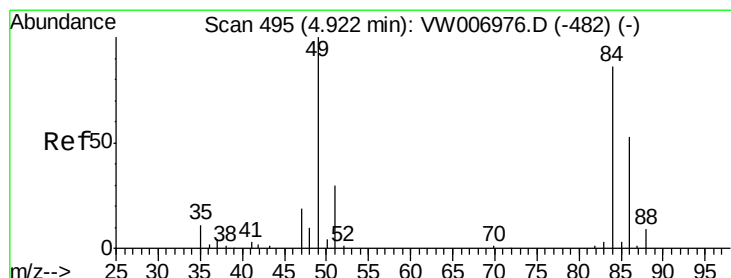
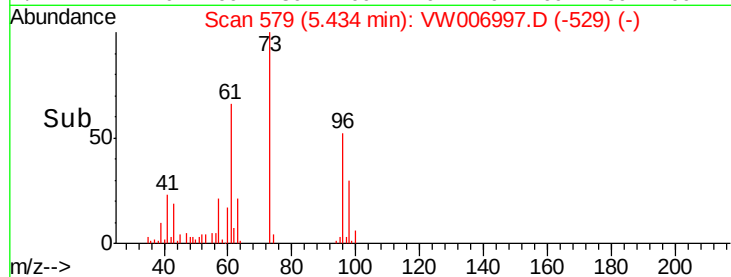
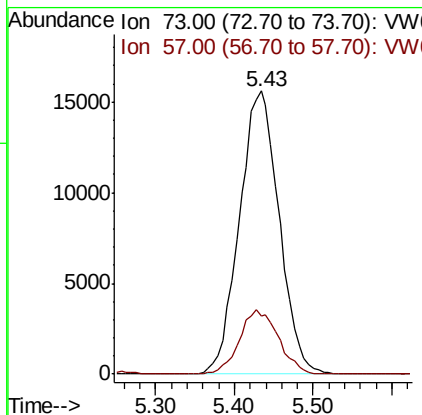
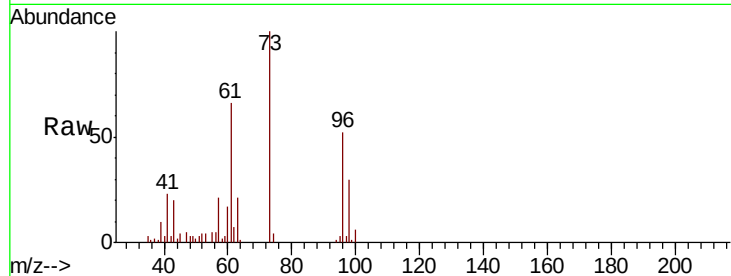
Methyl tert-butyl Ether
 Concen: 20.274 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion: 73 Resp: 54465
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.7 25.1

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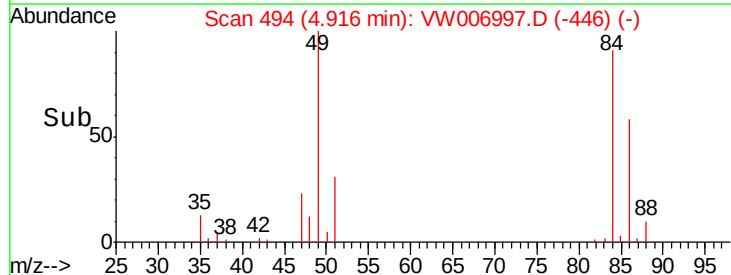
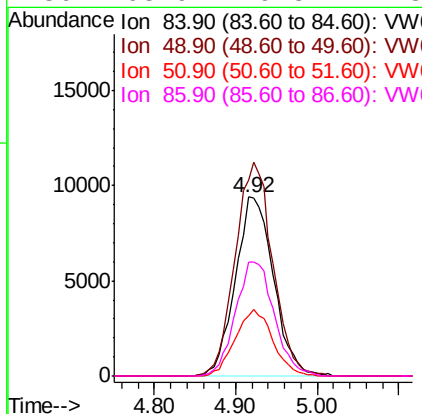
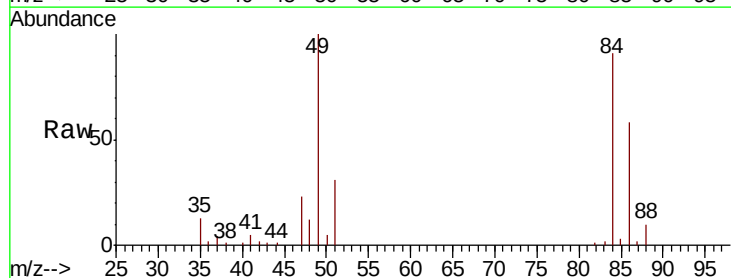
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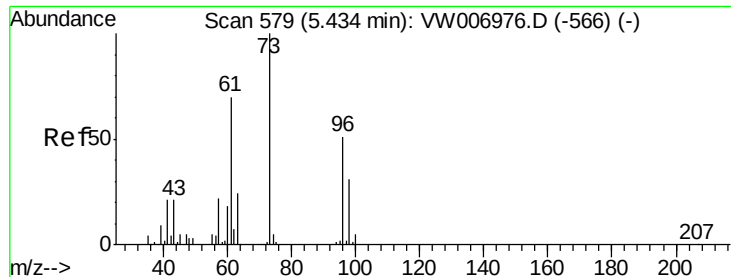


#20

Methylene Chloride
 Concen: 20.551 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 84 Resp: 30556
 Ion Ratio Lower Upper
 84 100
 49 109.6 93.4 140.0
 51 33.6 28.4 42.6
 86 63.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.671 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

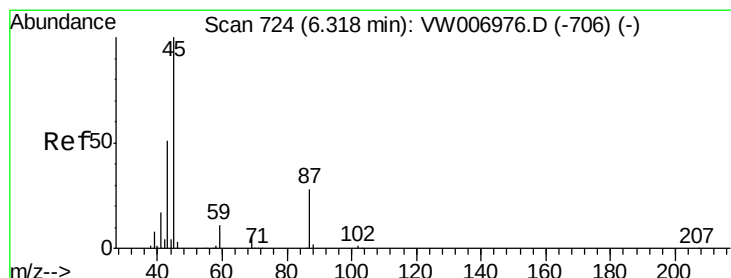
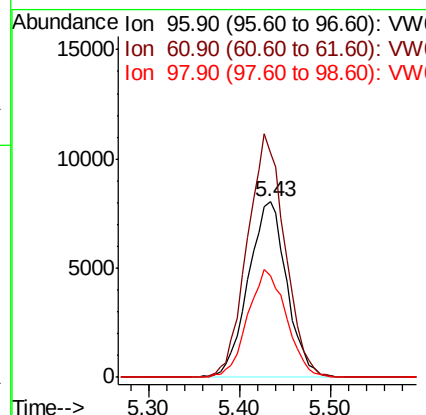
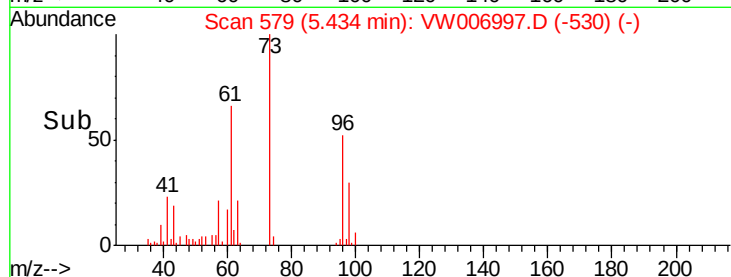
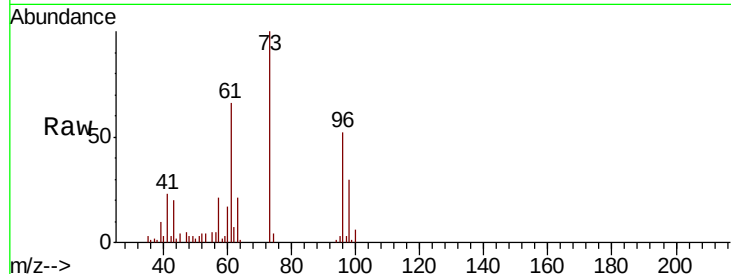
ClientSampleId :

VW1122SBSD01

Tot Ion:	96	Resp:	23575
Ion	Ratio	Lower	Upper
96	100		
61	127.9	109.4	164.0
98	57.5	48.3	72.5

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#22

Diisopropyl ether

Concen: 20.187 ug/l

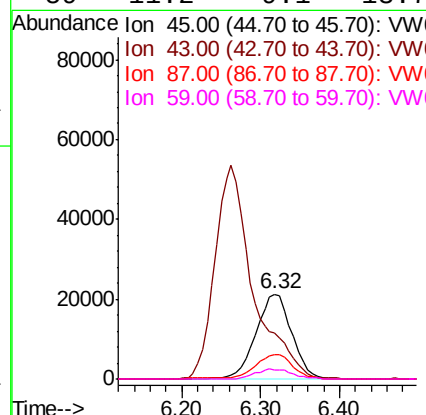
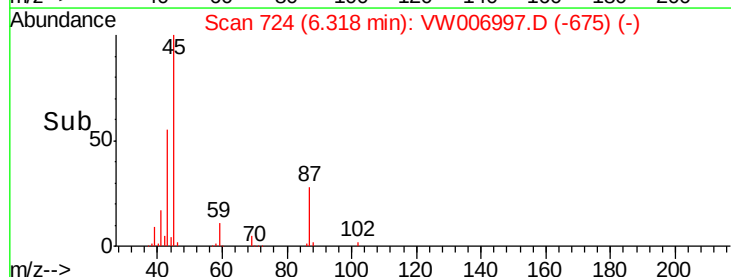
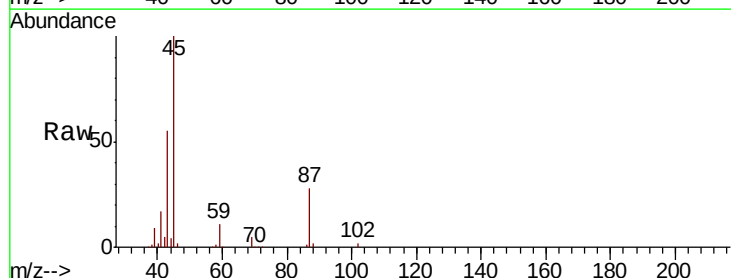
RT: 6.32 min Scan# 724

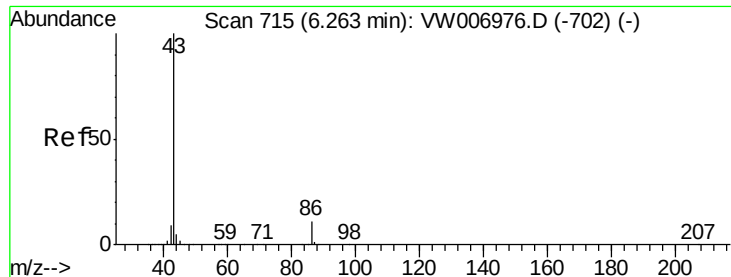
Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Tgt Ion:	45	Resp:	67049
Ion	Ratio	Lower	Upper
45	100		
43	54.2	42.5	63.7
87	28.5	22.8	34.2
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 102.316 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 180466

Ion Ratio Lower Upper

43 100

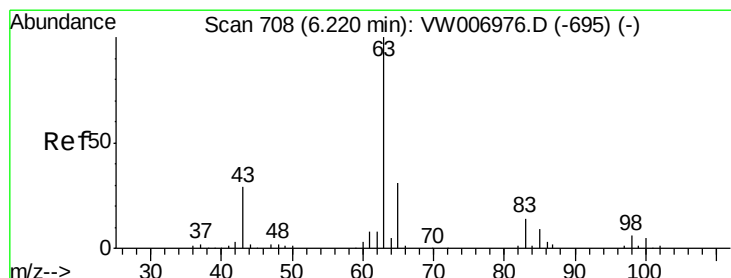
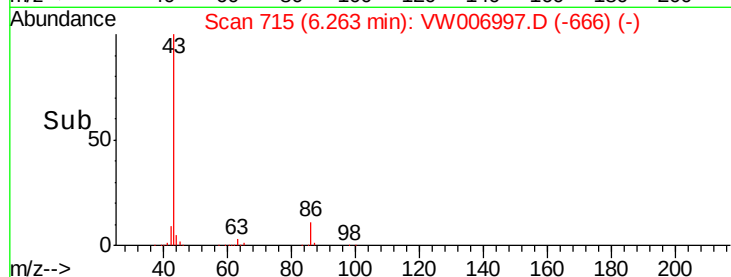
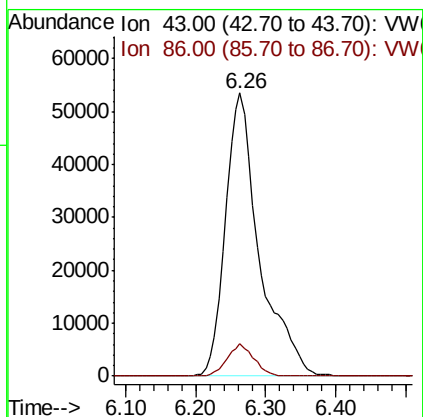
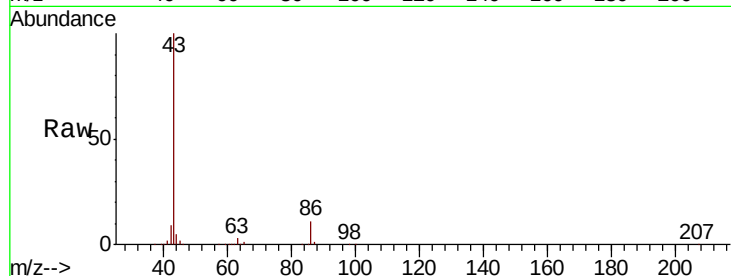
86 11.4 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.422 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

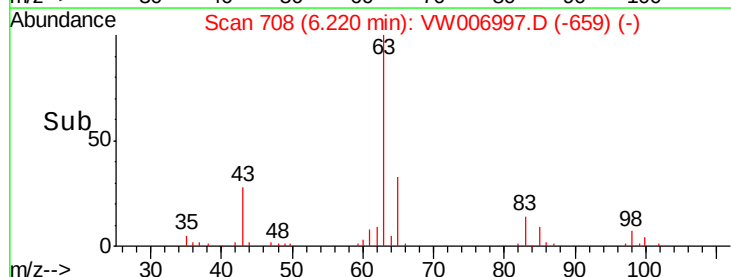
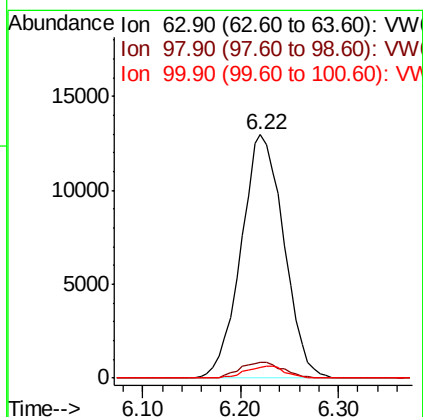
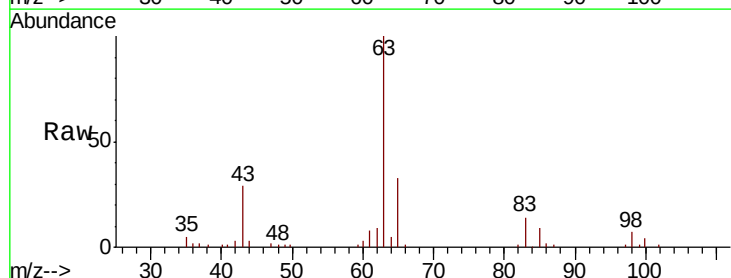
Tgt Ion: 63 Resp: 39243

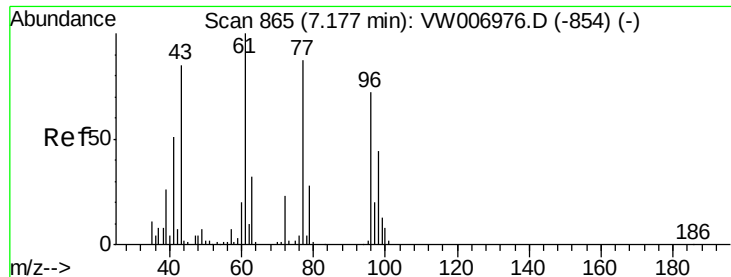
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 101.000 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 27949

Ion Ratio Lower Upper

43 100

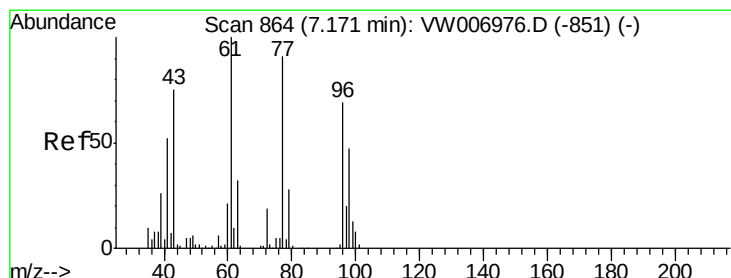
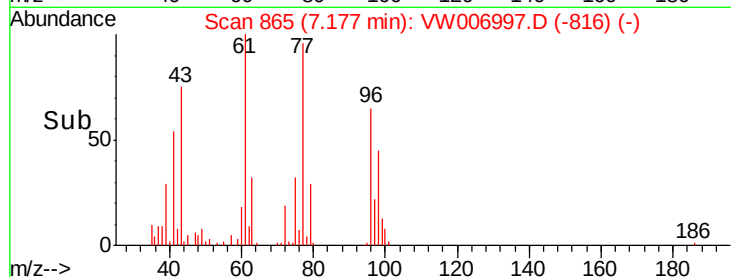
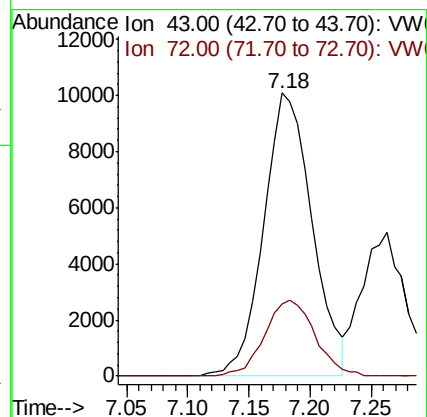
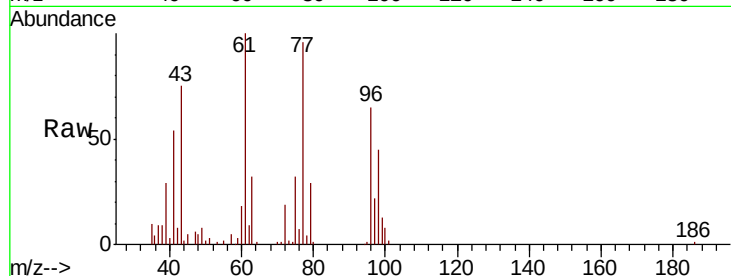
72 25.5 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 21.860 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006997.D

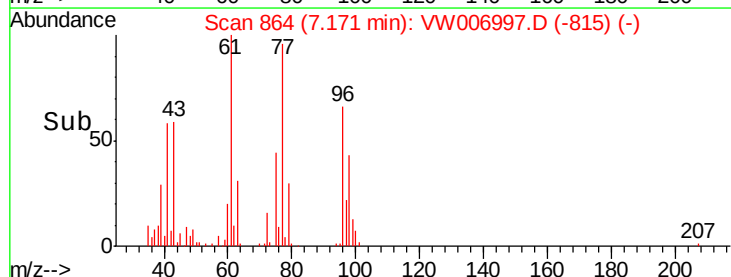
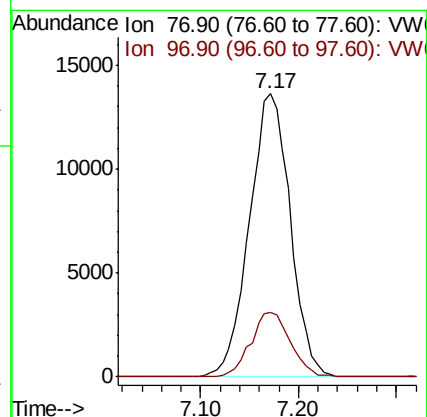
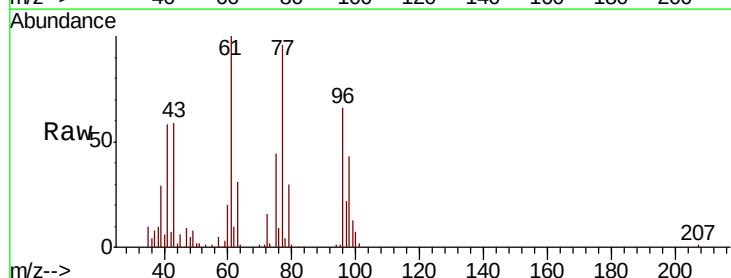
Acq: 21 Nov 2018 13:12

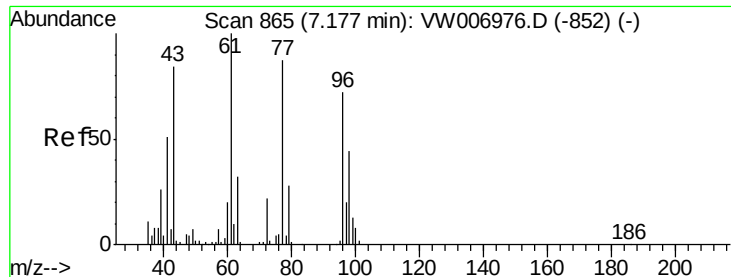
Tgt Ion: 77 Resp: 39720

Ion Ratio Lower Upper

77 100

97 22.1 11.4 34.1





#27

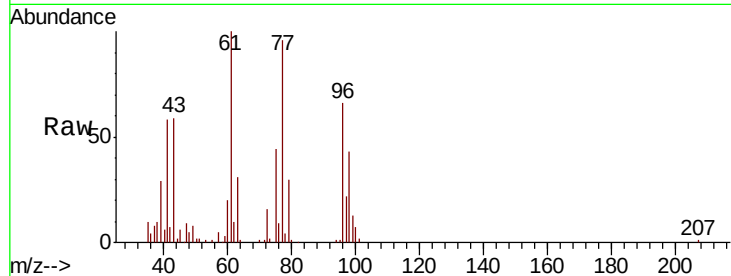
cis-1,2-Dichloroethene
 Concen: 19.846 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

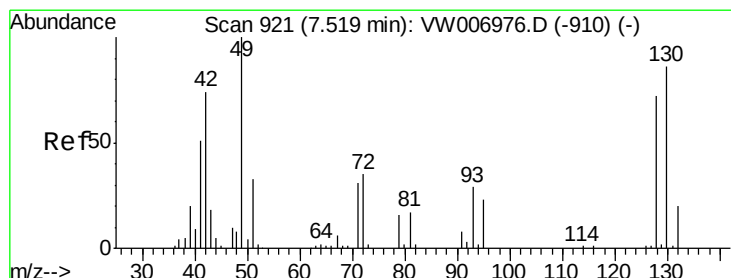
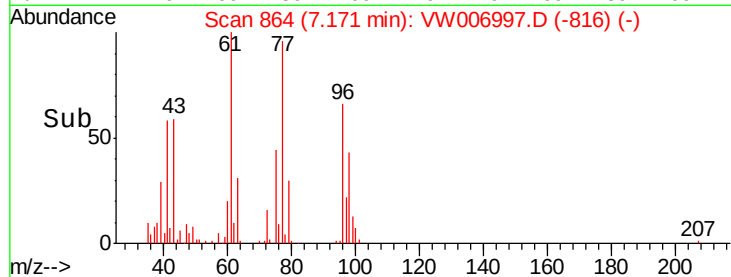
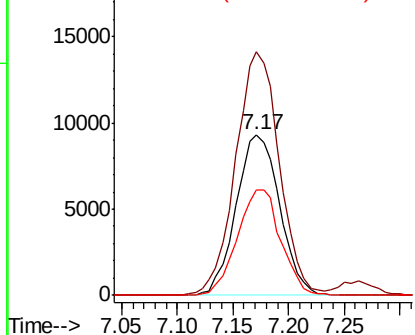
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	292.6
98	64.9	0.0	129.8

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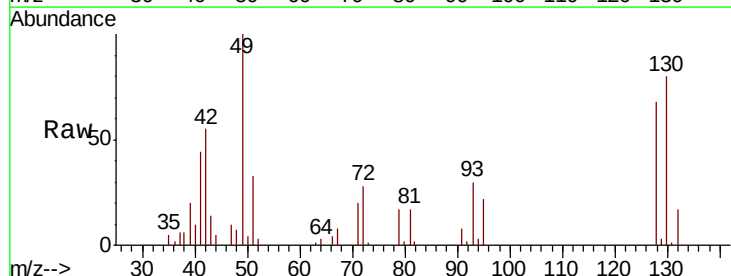
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



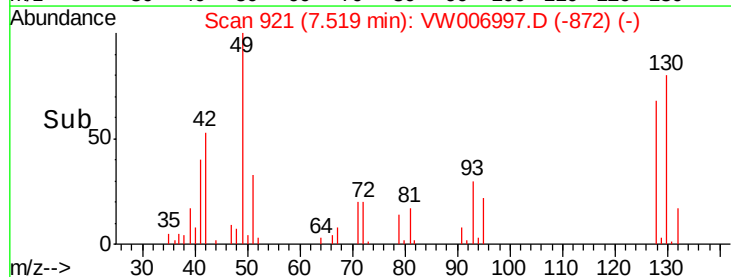
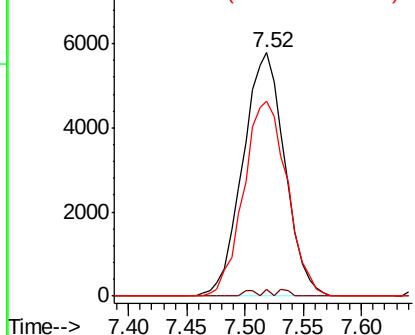
#28

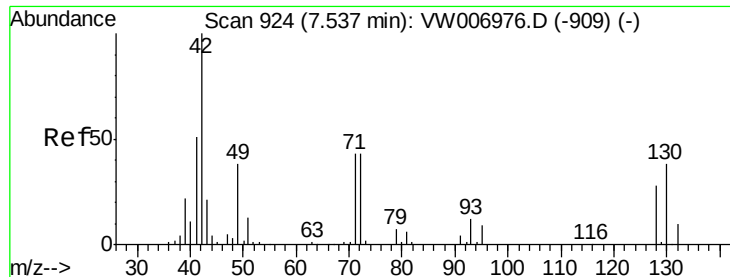
Bromochloromethane
 Concen: 19.262 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.0
130	82.8	69.0	103.4



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.242 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

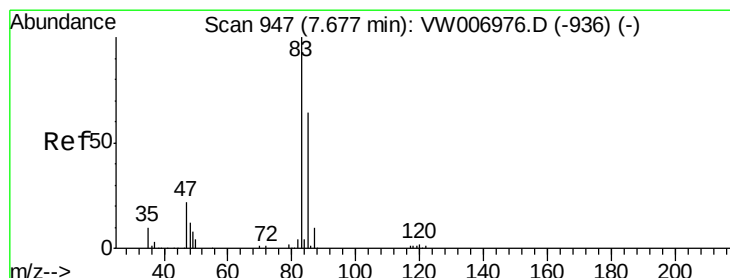
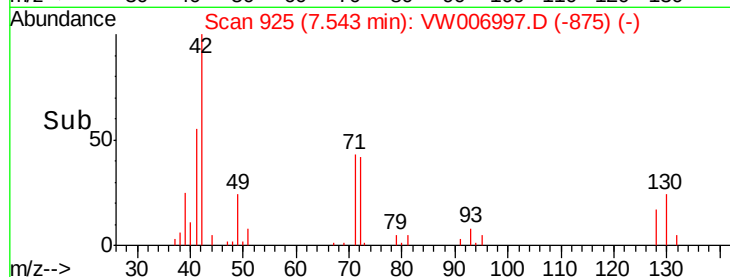
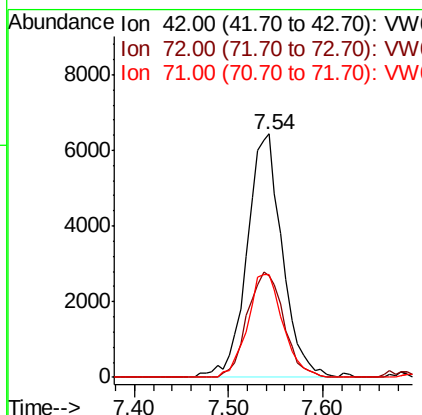
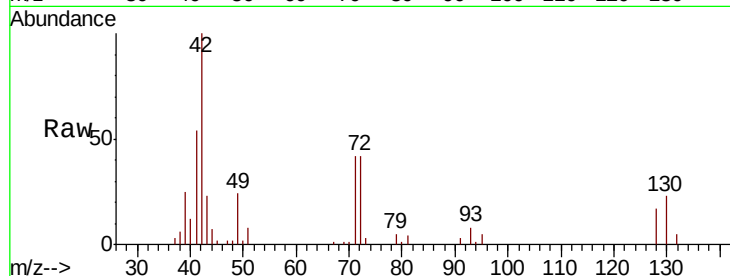
ClientSampleId :

VW1122SBS01

Tot Ion:	42	Resp:	16890
Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.2	54.4
71	42.8	33.8	50.8

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#30

Chloroform

Concen: 20.321 ug/l

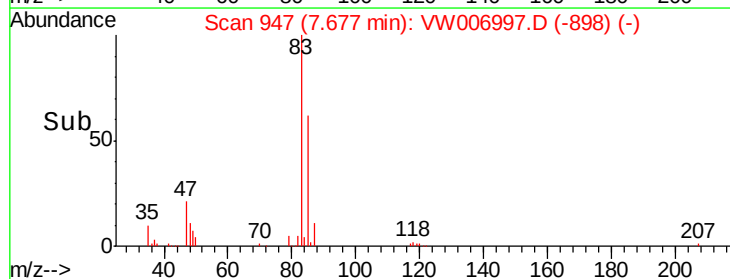
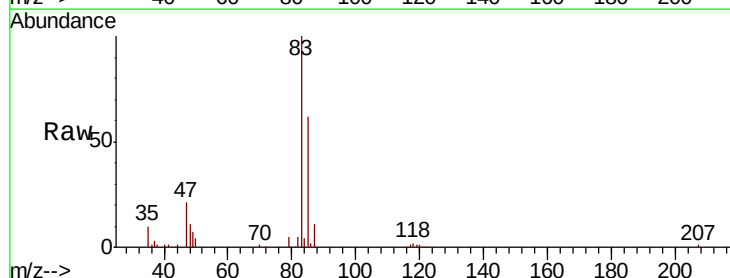
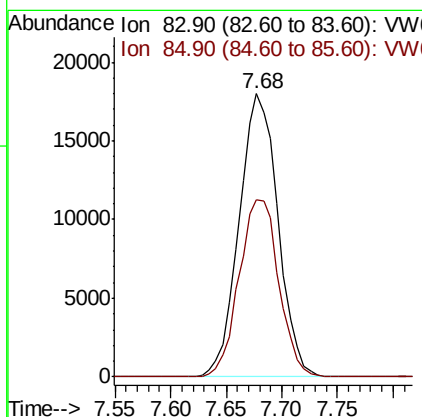
RT: 7.68 min Scan# 947

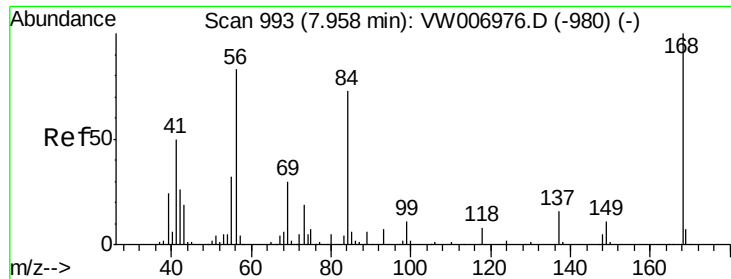
Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Tgt Ion:	83	Resp:	43622
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.9	76.3





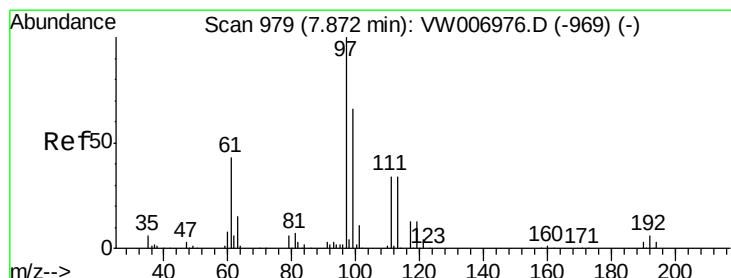
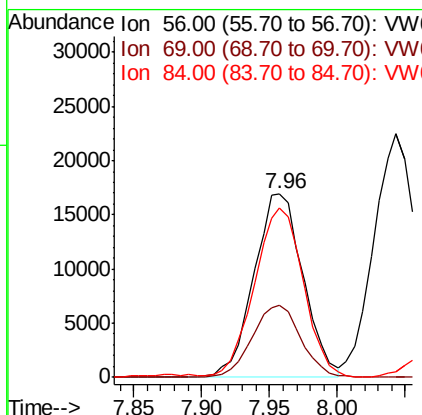
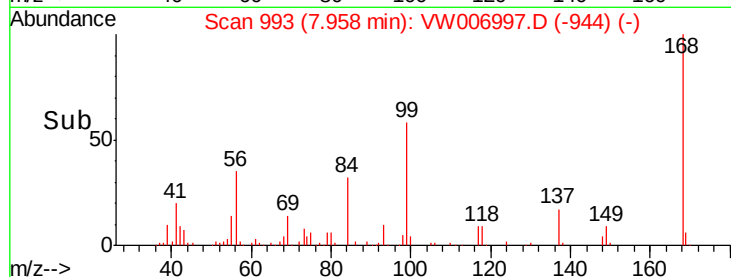
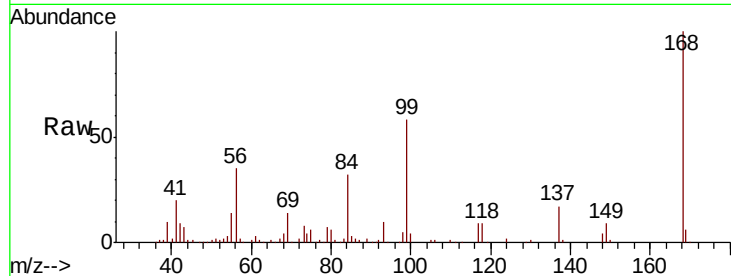
#31
Cyclohexane
Concen: 20.031 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.4	29.1	43.7
84	91.0	70.6	105.8

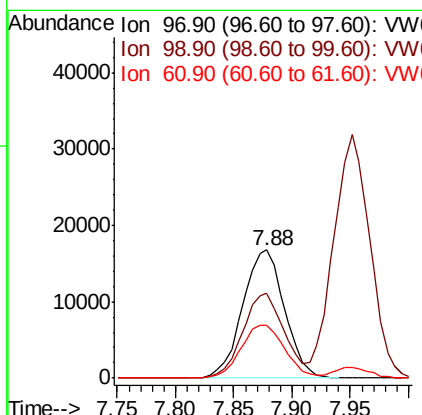
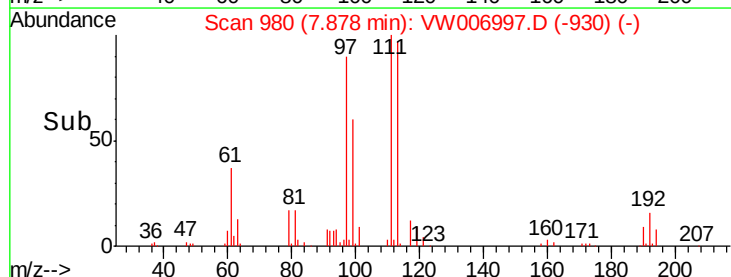
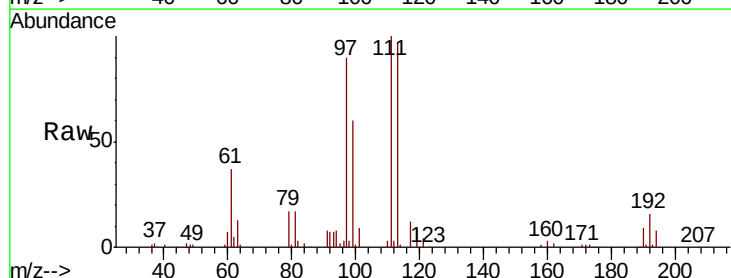
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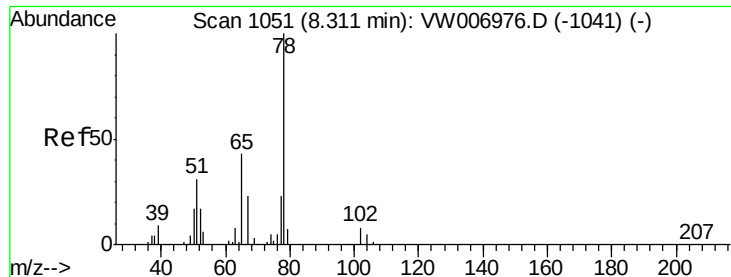
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#32
1,1,1-Trichloroethane
Concen: 21.700 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.9	77.9
61	42.9	33.4	50.2





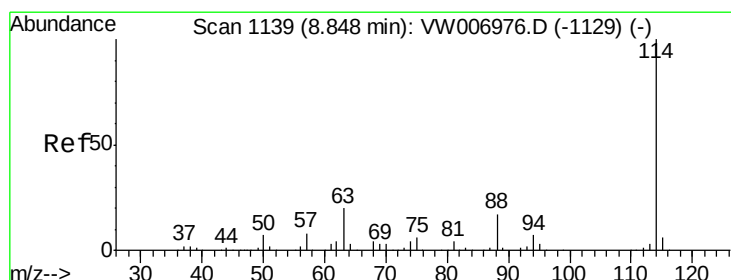
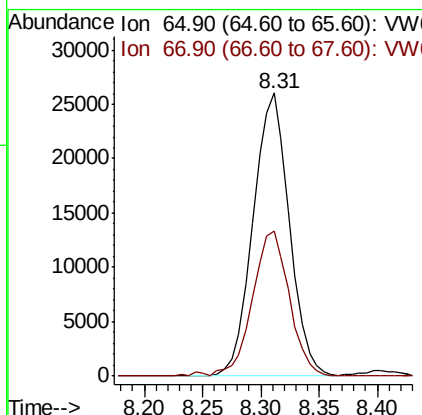
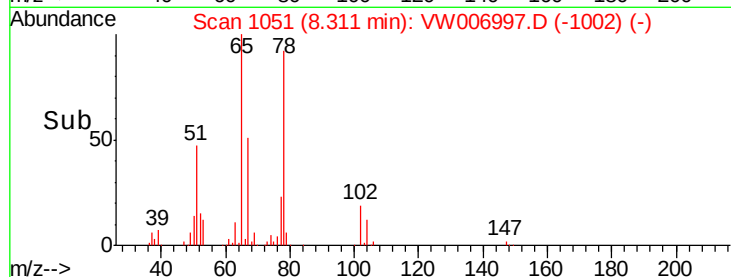
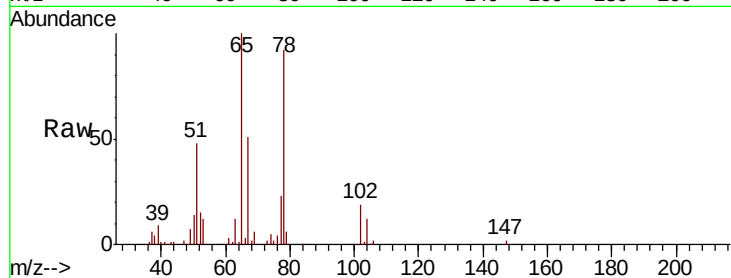
#33
 1,2-Dichloroethane-d4
 Concen: 50.708 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	106.2	

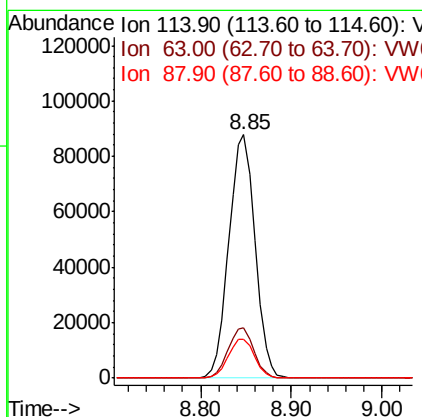
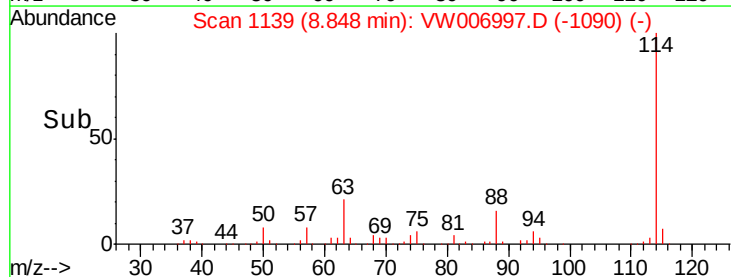
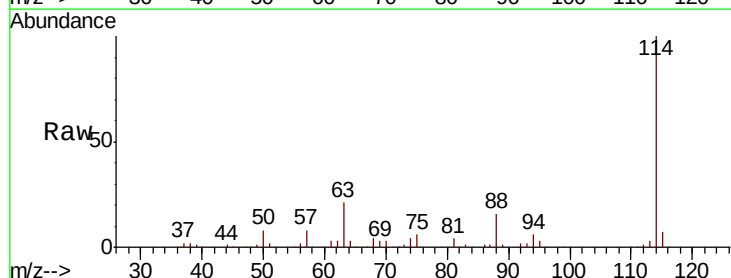
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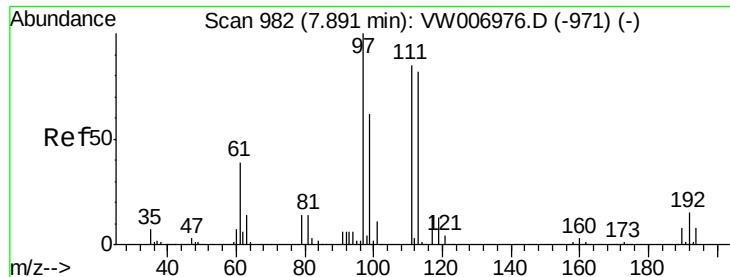
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	39.4	
88	15.7	0.0	34.2	





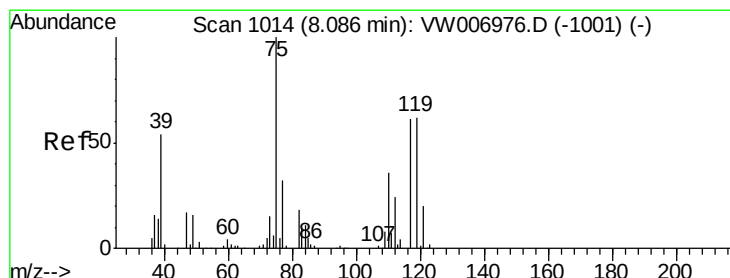
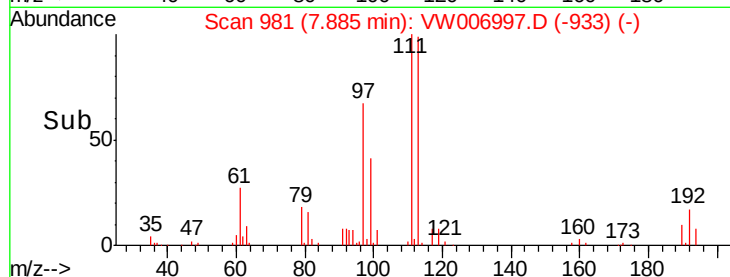
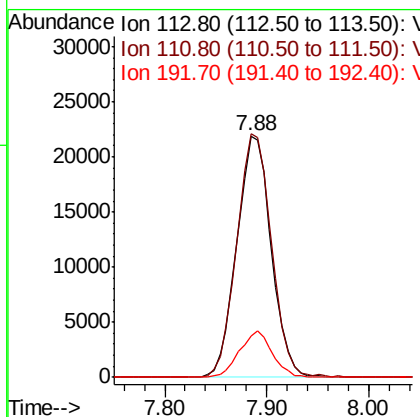
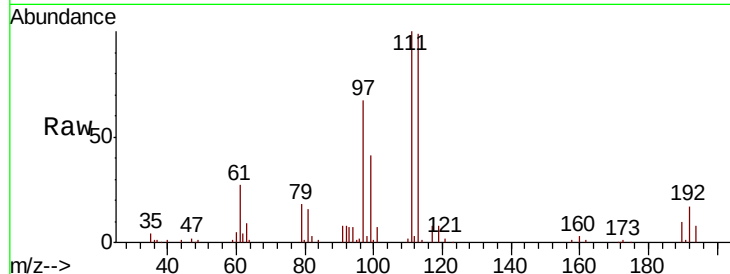
#35
 Dibromofluoromethane
 Concen: 51.512 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.6
192	18.4	15.0	22.6

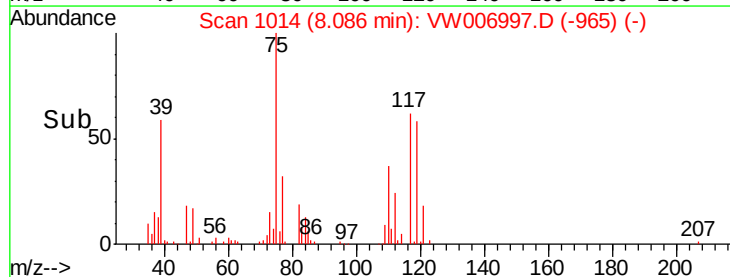
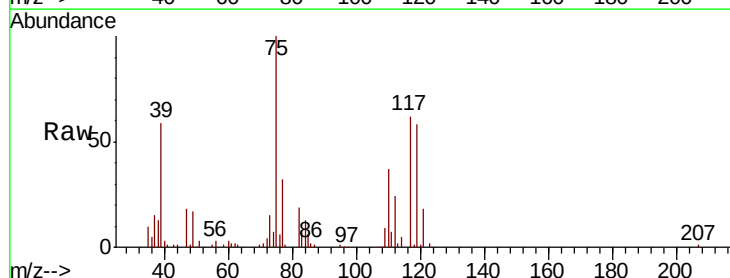
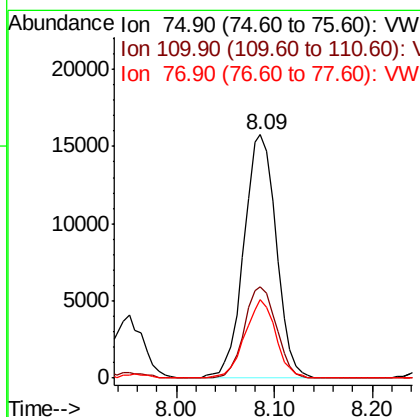
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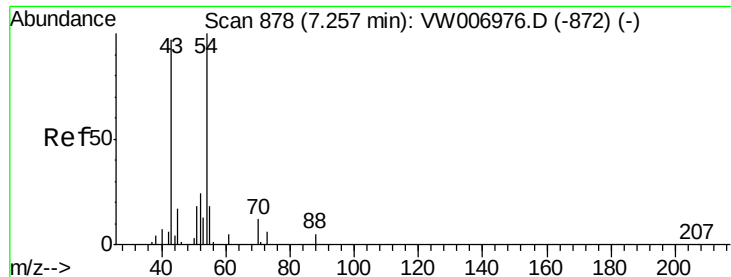
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#36
 1,1-Dichloropropene
 Concen: 21.138 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.0	54.0
77	30.7	24.9	37.3





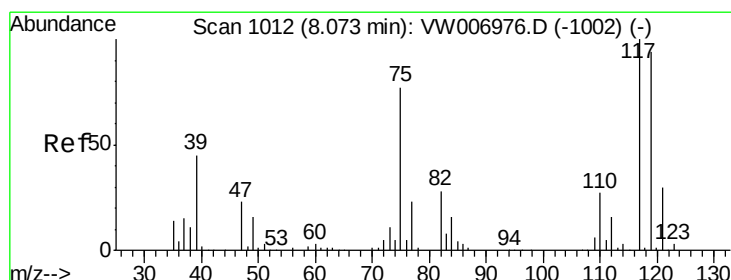
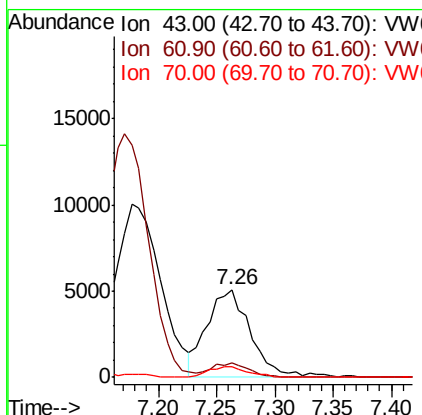
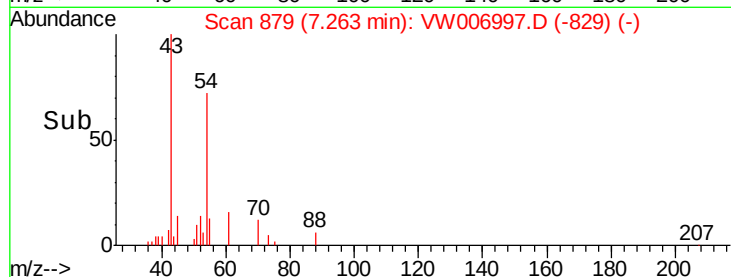
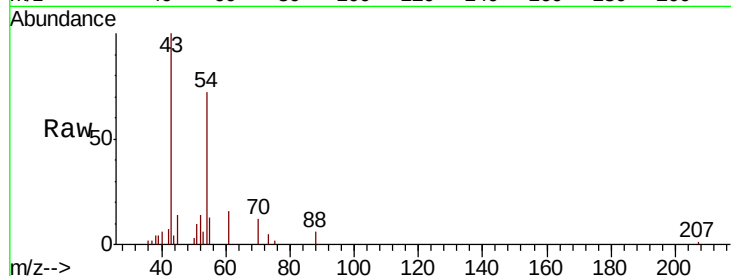
#37
Ethyl Acetate
Concen: 21.266 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.4	15.6
70	10.7	8.8	13.2

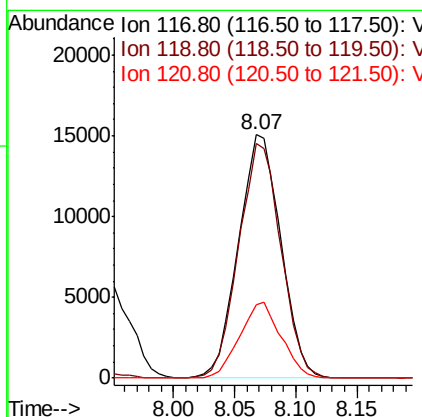
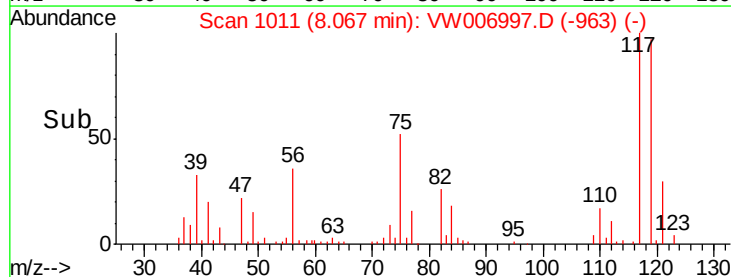
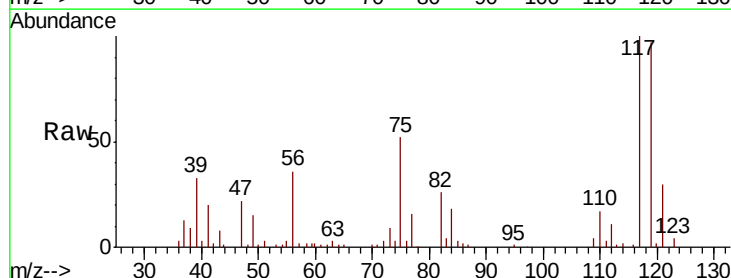
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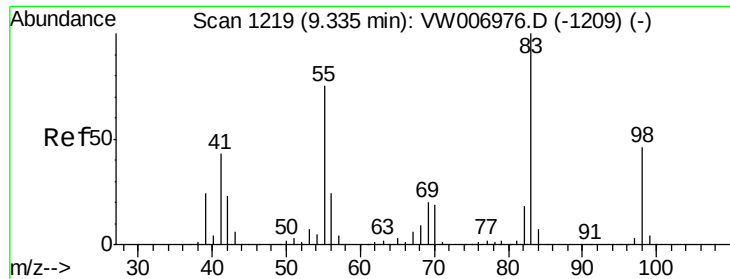
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#38
Carbon Tetrachloride
Concen: 21.976 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.9	112.3
121	30.4	23.6	35.4





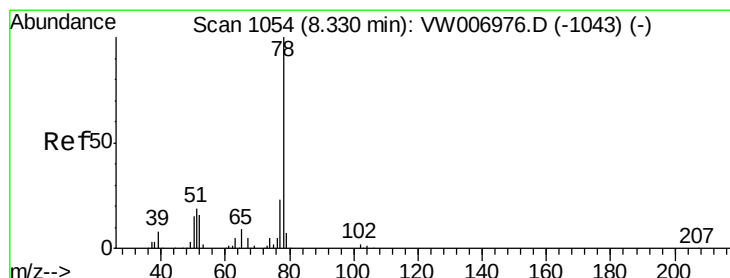
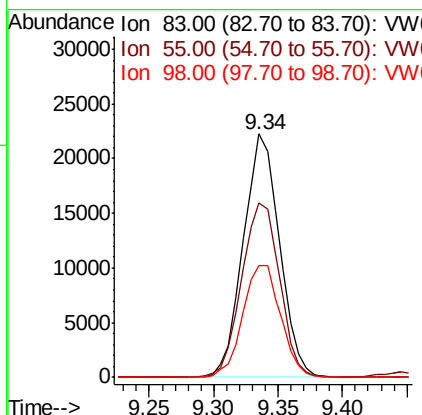
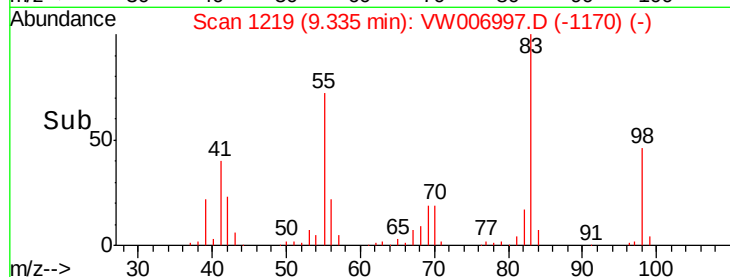
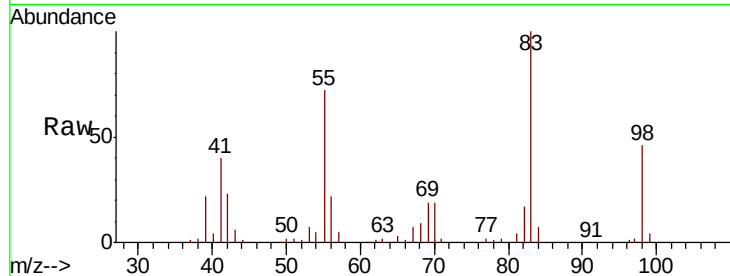
#39
Methylvlcyclohexane
Concen: 20.108 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	59.6	89.4
98	46.0	37.1	55.7

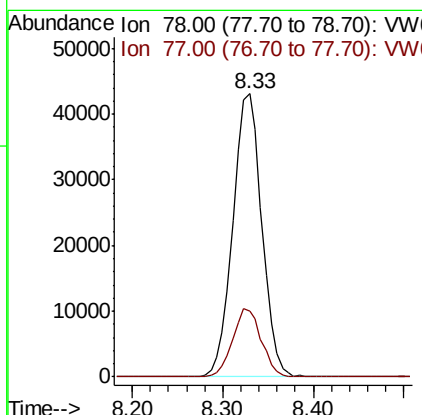
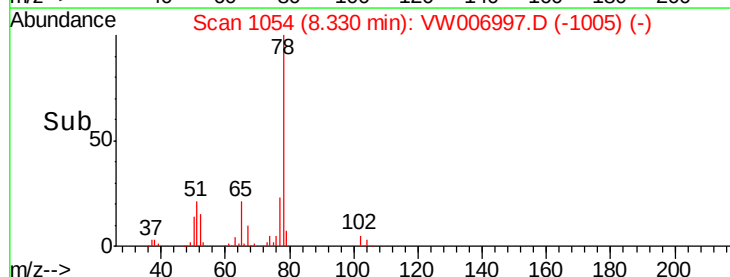
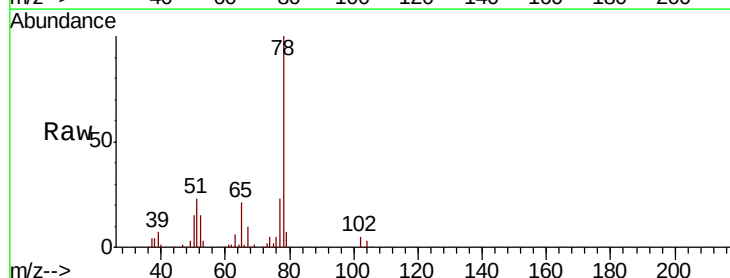
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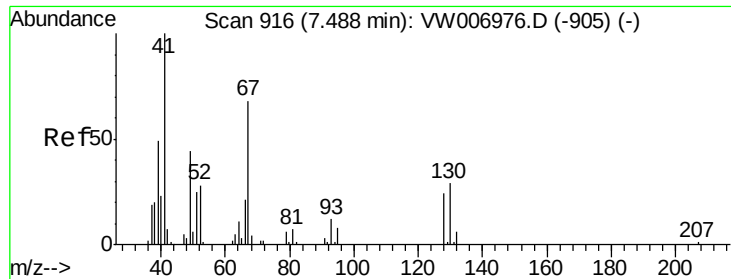
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#40
Benzene
Concen: 20.539 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0





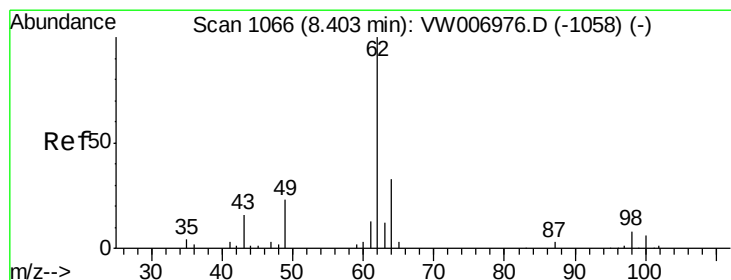
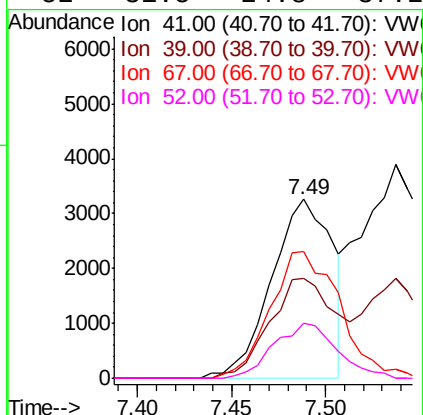
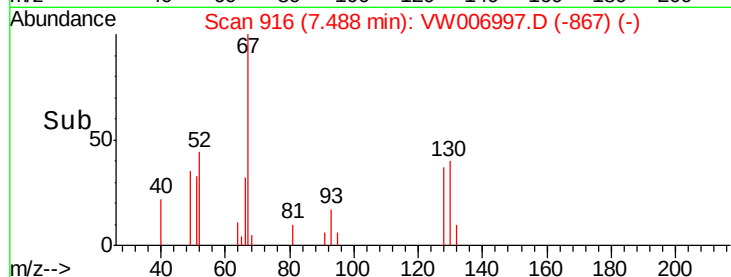
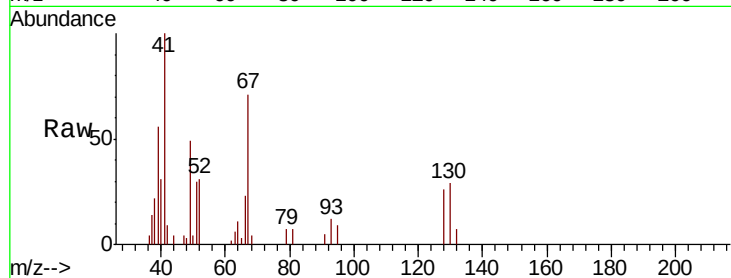
#41
Methacrylonitrile
Concen: 18.895 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.2	48.6	73.0
67	80.4	59.8	89.8
52	31.5	24.8	37.2

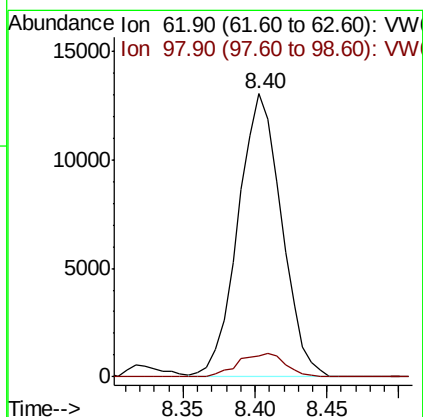
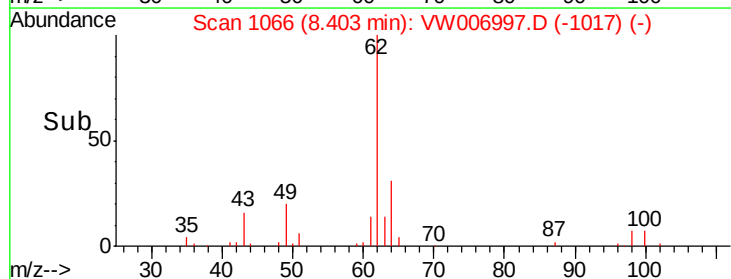
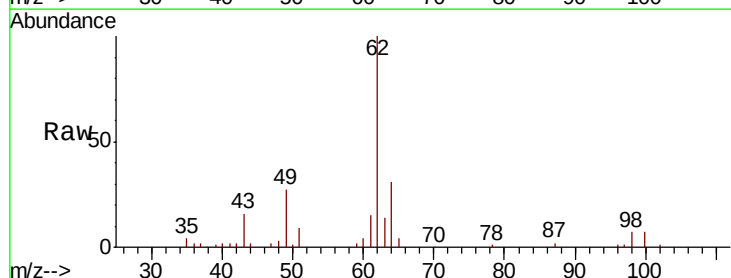
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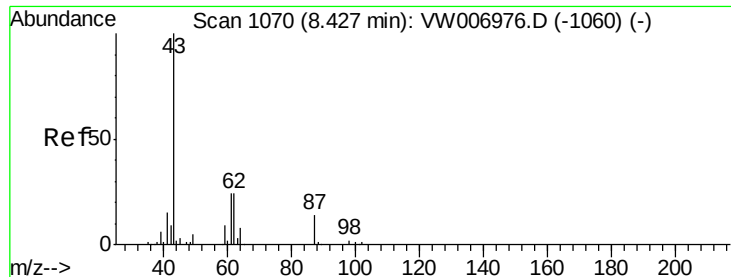
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#42
1,2-Dichloroethane
Concen: 20.274 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.487 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

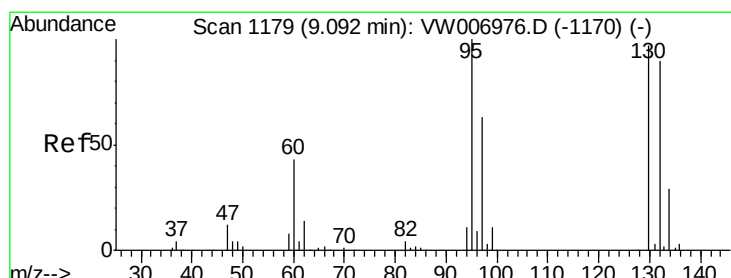
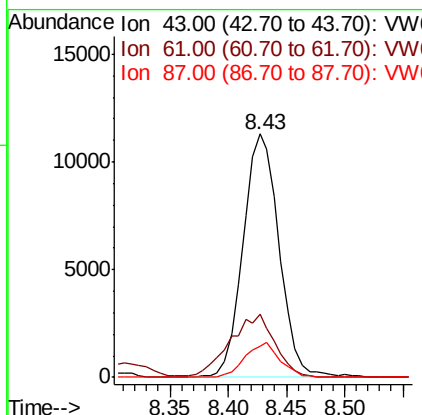
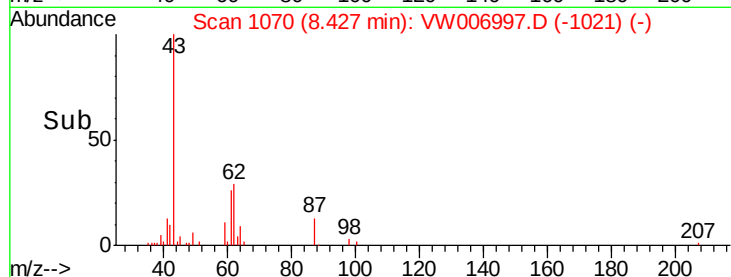
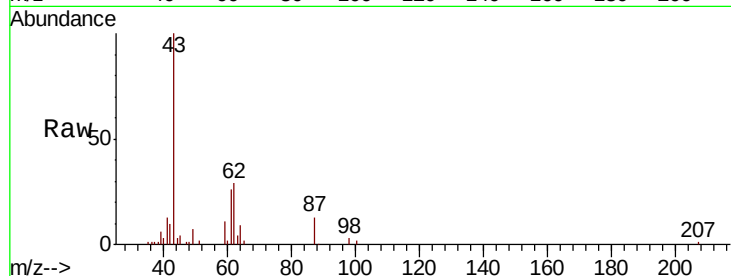
ClientSampleId :

VW1122SBS01

Tot Ion:	43	Resp:	24345
Ion	Ratio	Lower	Upper
43	100		
61	32.1	26.1	39.1
87	13.5	11.2	16.8

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#44

Trichloroethene

Concen: 21.158 ug/l

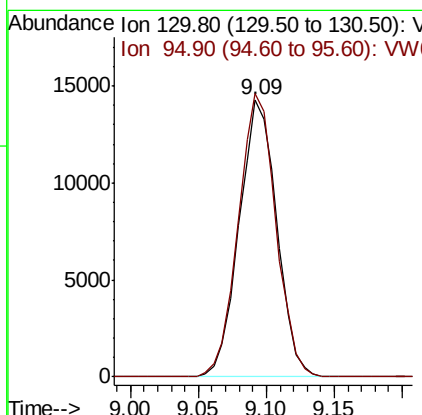
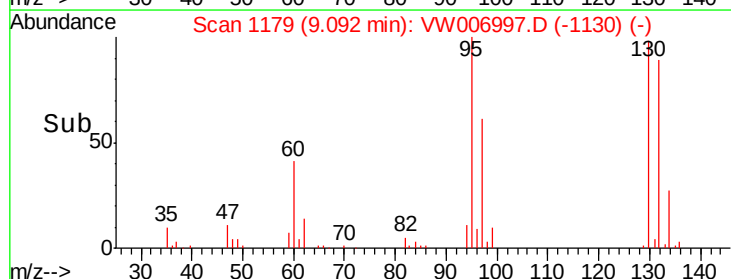
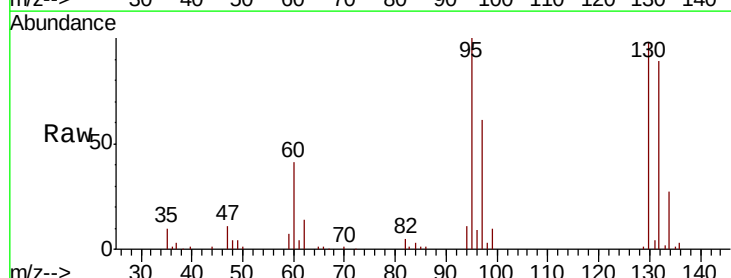
RT: 9.09 min Scan# 1179

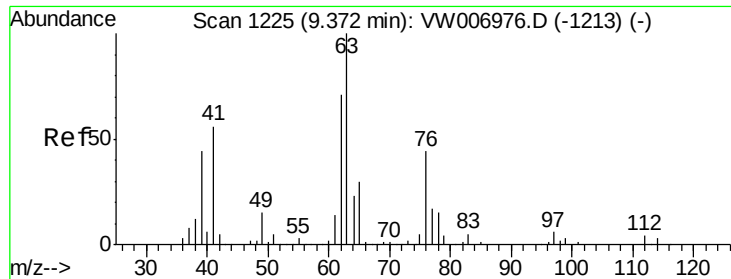
Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Tgt Ion:	130	Resp:	27551
Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	206.4





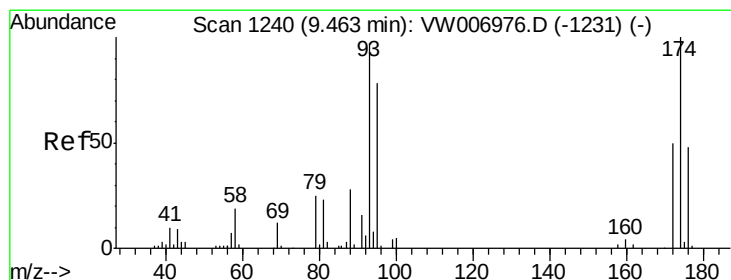
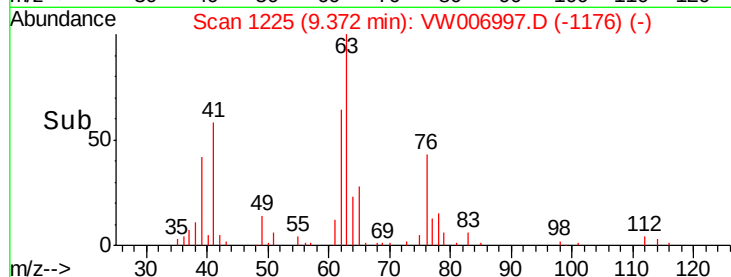
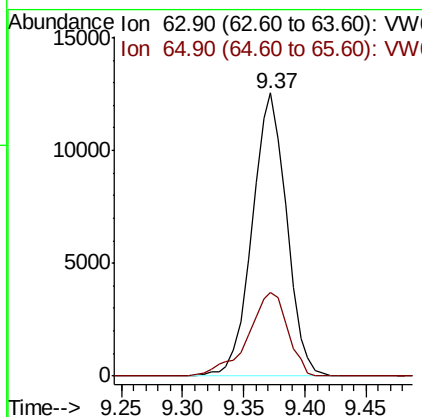
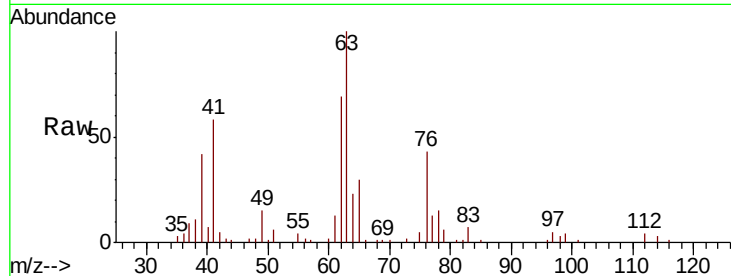
#45
 1,2-Dichloropropane
 Concen: 21.426 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.4	36.6

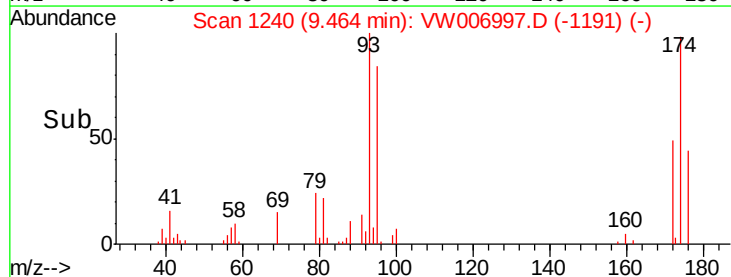
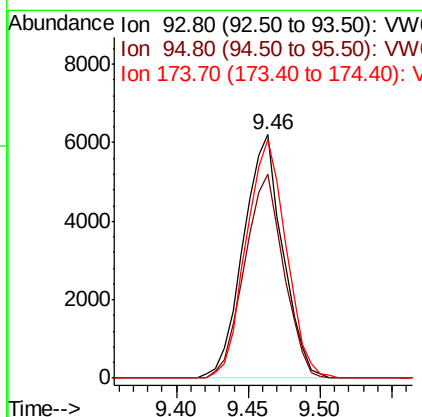
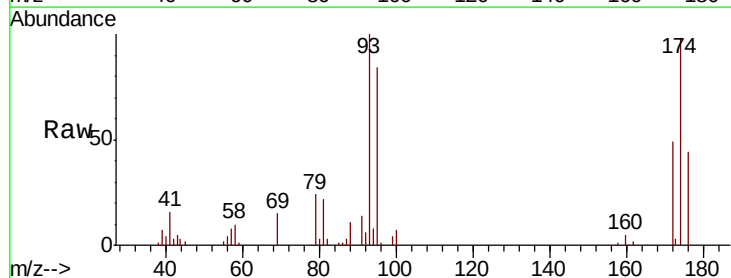
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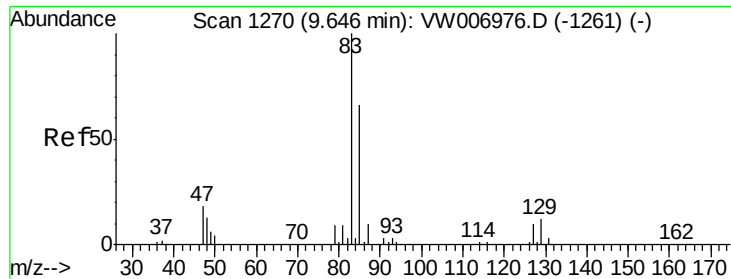
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#46
 Dibromomethane
 Concen: 20.453 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.1	99.1
174	99.5	79.7	119.5





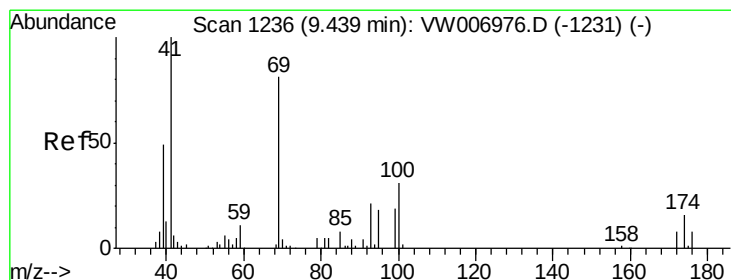
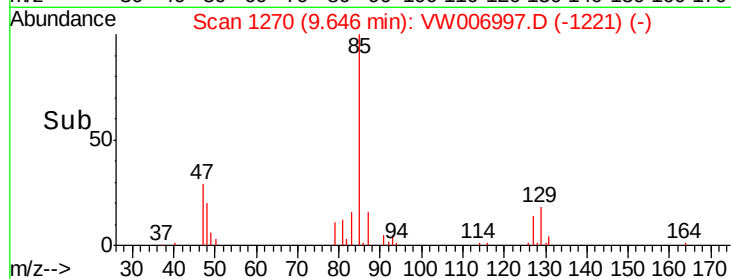
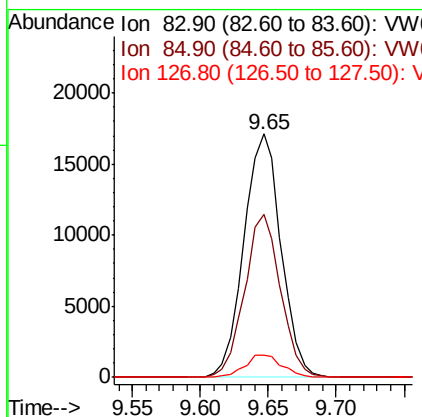
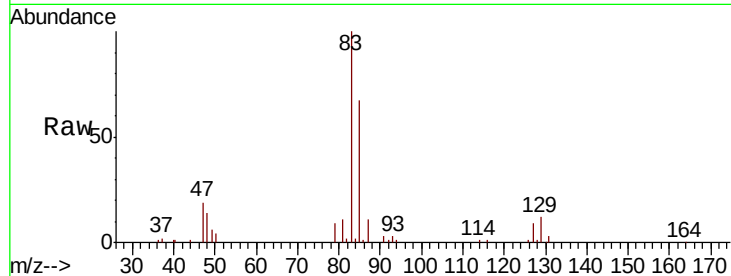
#47
Bromodichloromethane
Concen: 21.625 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	83	Resp	32670
Ion Ratio	100	Lower	Upper
83	100		
85	66.7	52.9	79.3
127	9.2	7.8	11.6

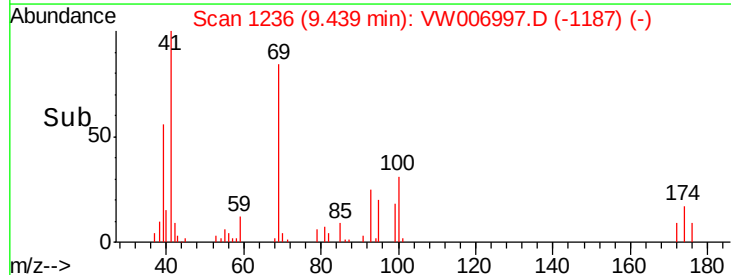
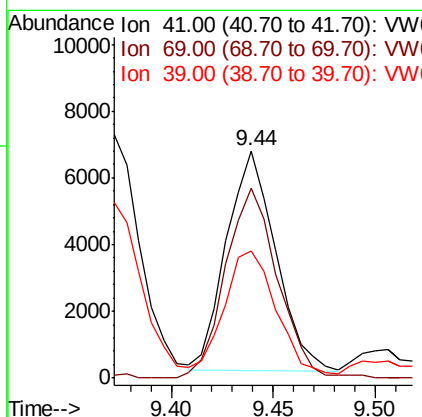
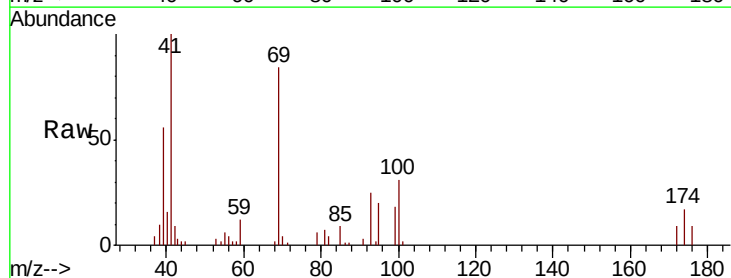
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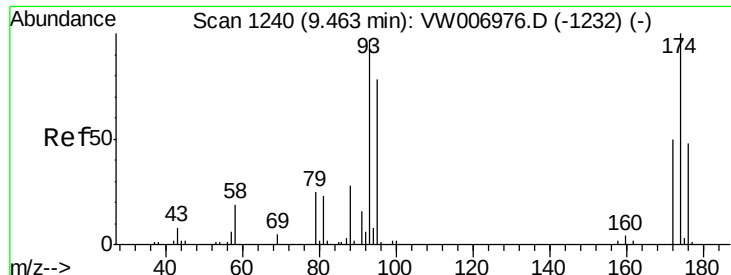
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#48
Methyl methacrylate
Concen: 19.287 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	41	Resp	11051
Ion Ratio	100	Lower	Upper
41	100		
69	91.4	71.4	107.0
39	57.6	44.8	67.2





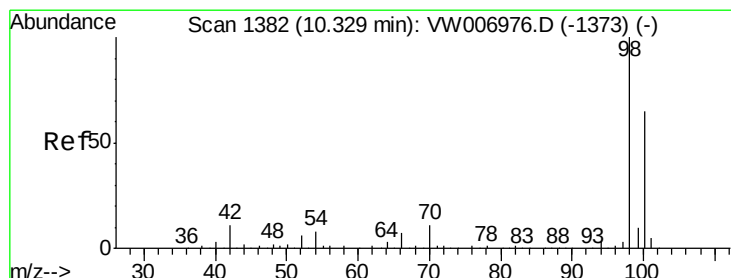
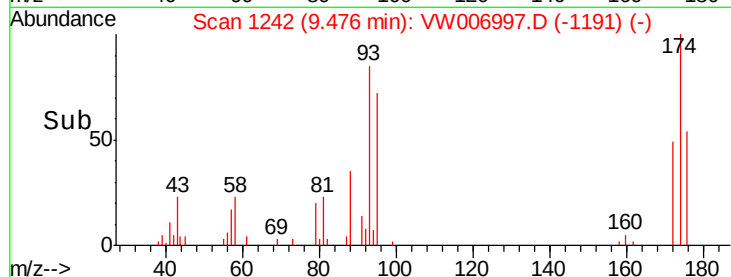
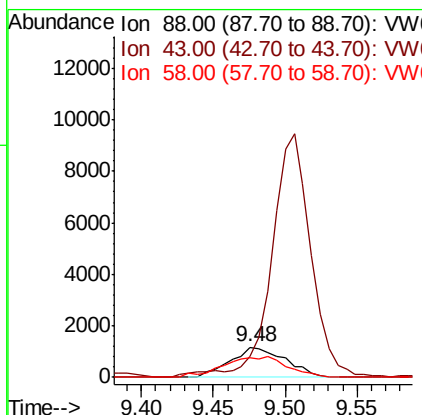
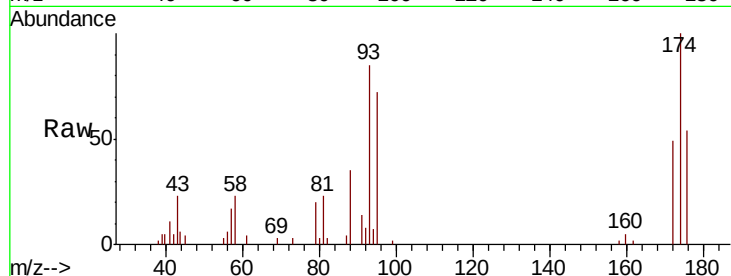
#49
1,4-Dioxane
Concen: 361.621 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	88	Resp	3082
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.4	59.0	88.6

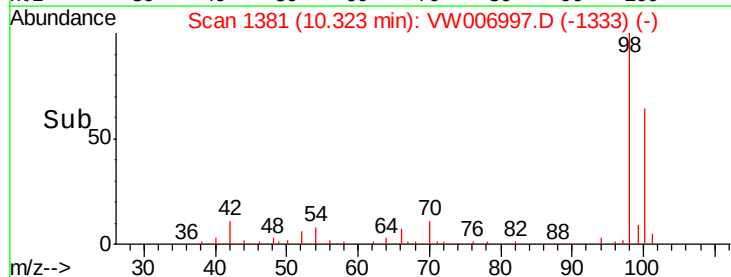
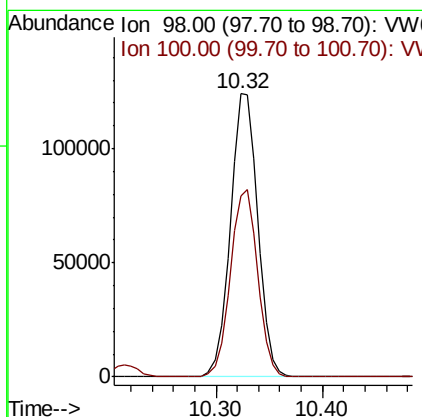
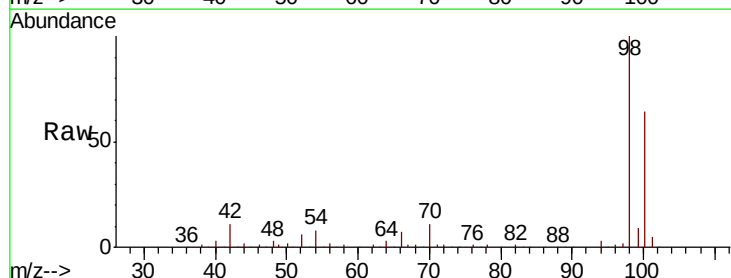
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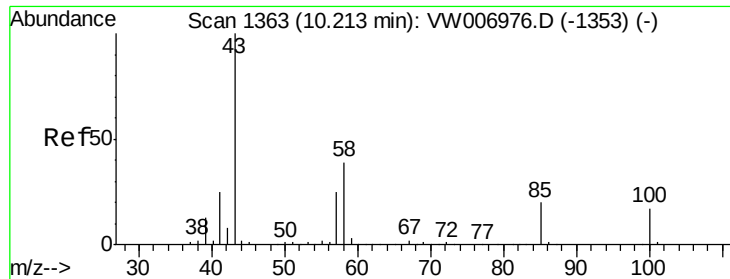
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#50
Toluene-d8
Concen: 50.897 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	98	Resp	223506
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2





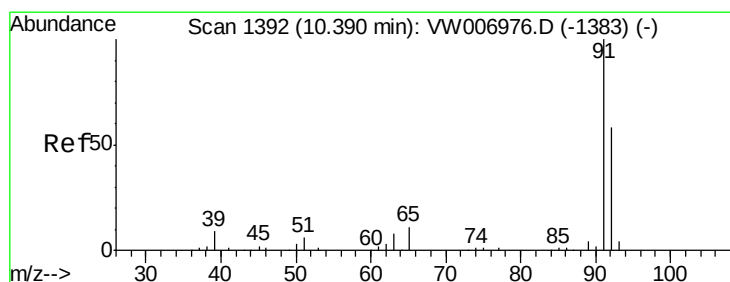
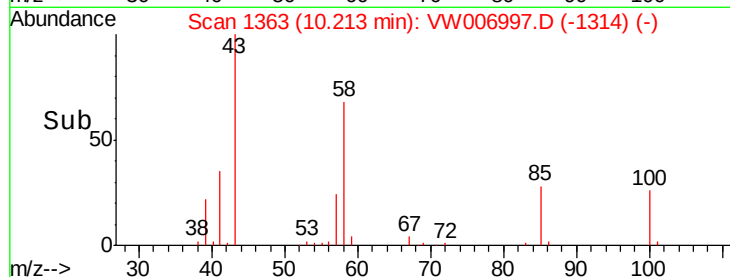
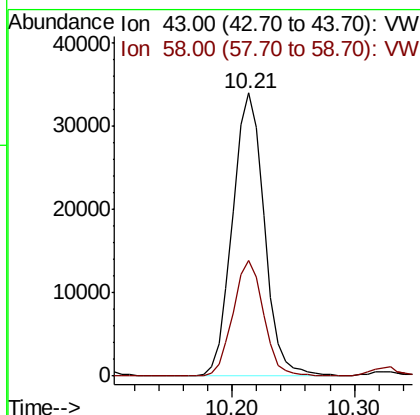
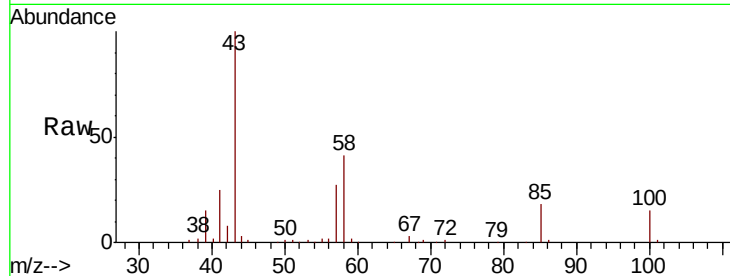
#51
4-Methyl-2-Pentanone
Concen: 101.773 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion: 43 Resp: 61117
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.6

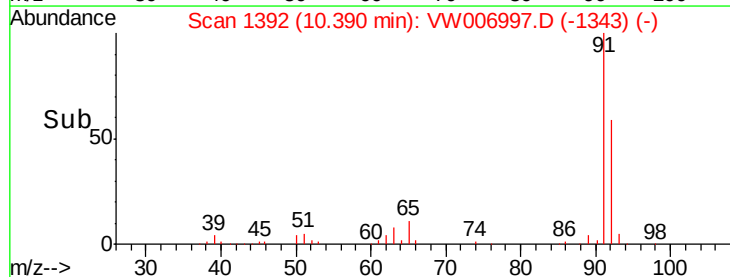
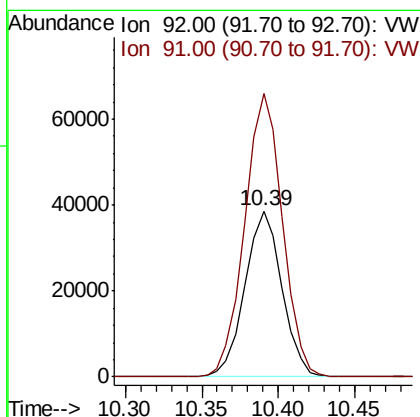
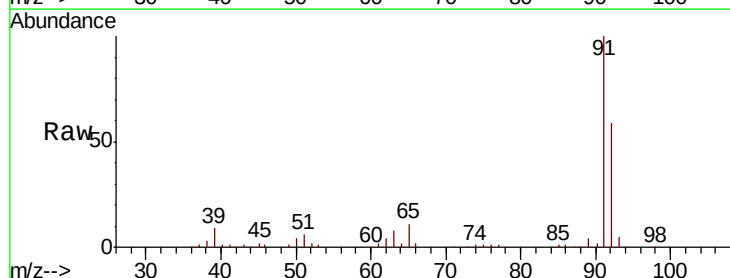
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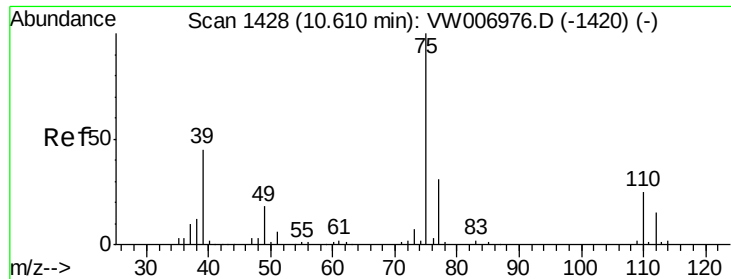
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#52
Toluene
Concen: 20.506 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 92 Resp: 64822
Ion Ratio Lower Upper
92 100
91 174.2 137.3 205.9





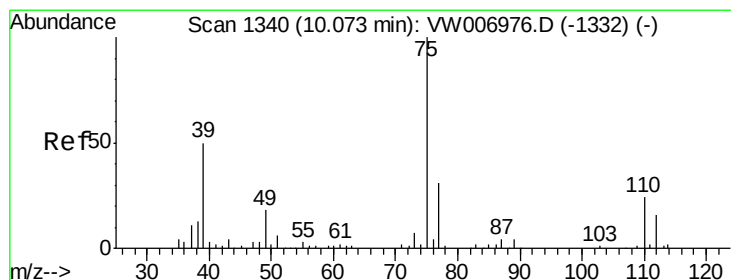
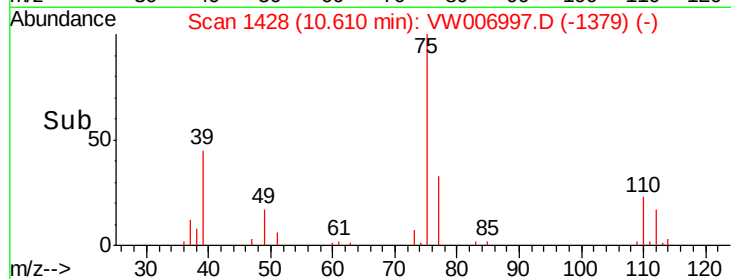
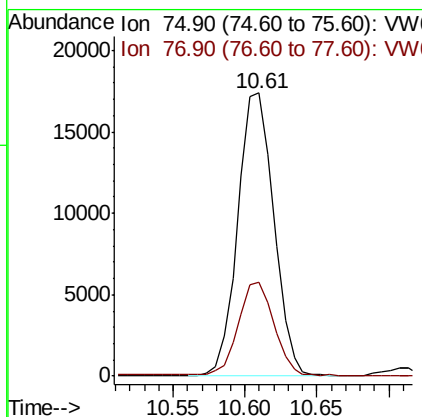
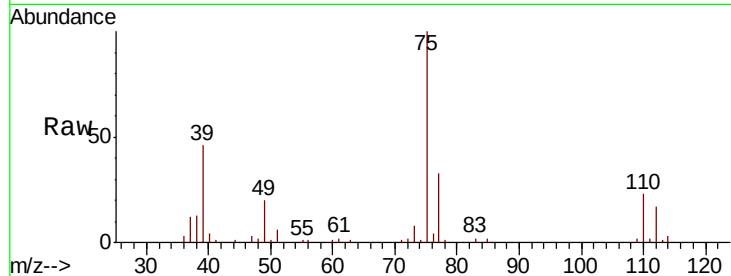
#53
 t-1,3-Dichloropropene
 Concen: 20.709 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion: 75 Resp: 30308
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.7 37.1

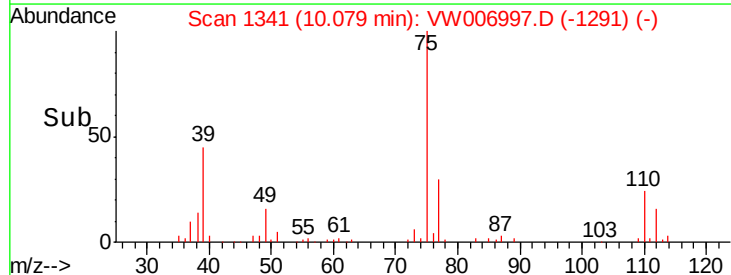
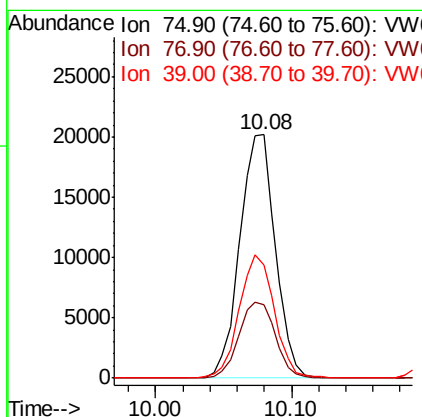
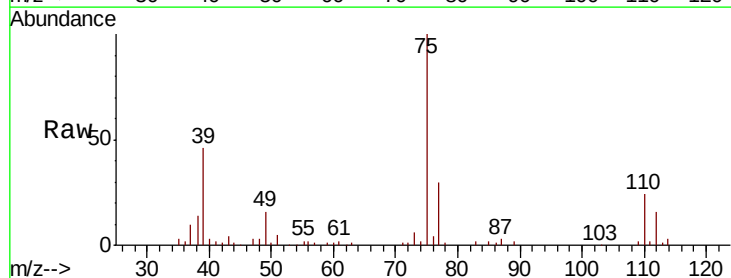
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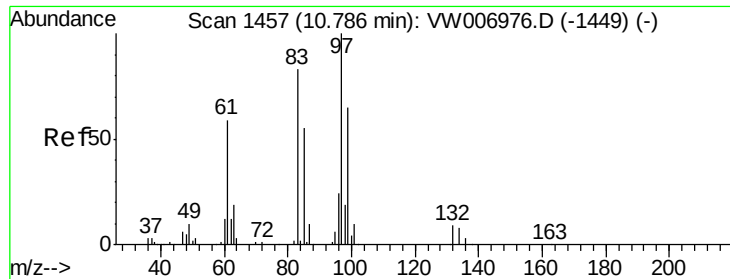
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#54
 cis-1,3-Dichloropropene
 Concen: 20.831 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 75 Resp: 36831
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.6
 39 46.3 39.9 59.9





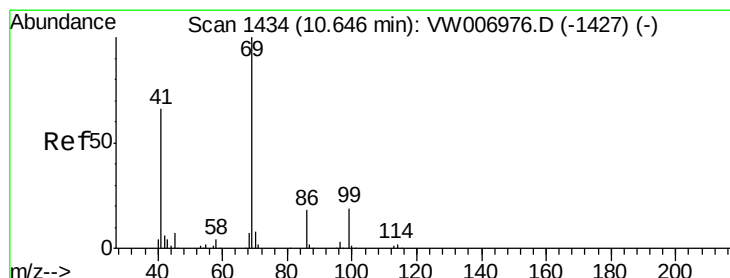
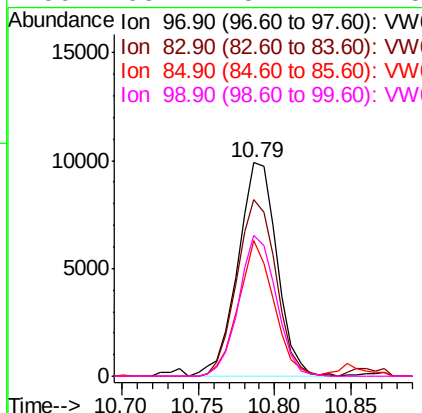
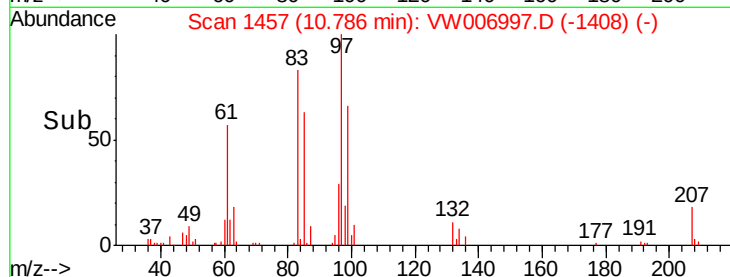
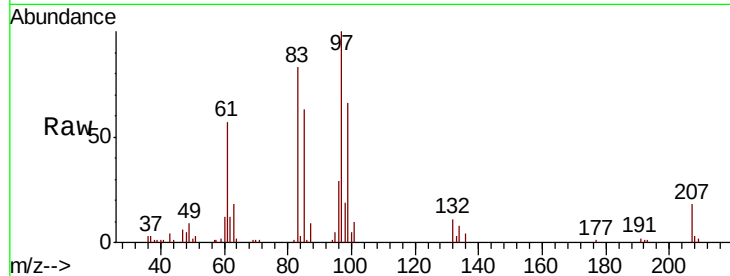
#55
 1,1,2-Trichloroethane
 Concen: 20.916 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		17646		
83	83.0	66.4	99.6		
85	63.4	44.1	66.1		
99	65.7	51.7	77.5		

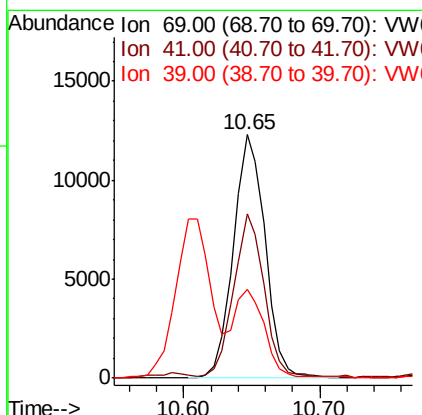
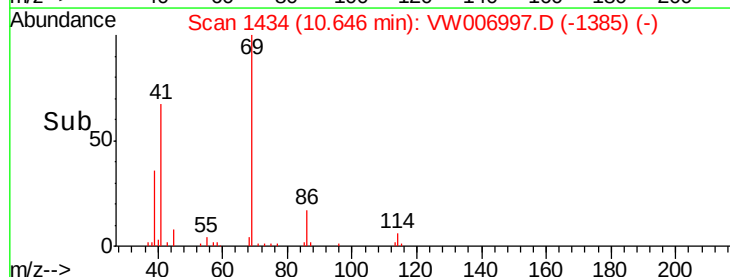
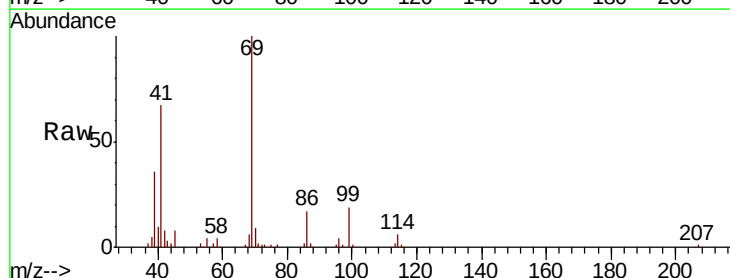
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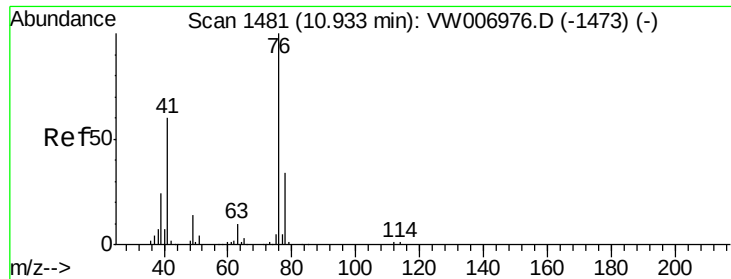
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#56
 Ethyl methacrylate
 Concen: 20.339 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		19918		
41	64.2	53.4	80.0		
39	36.8	28.2	42.4		





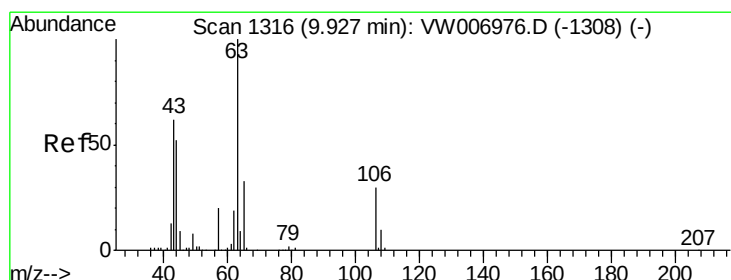
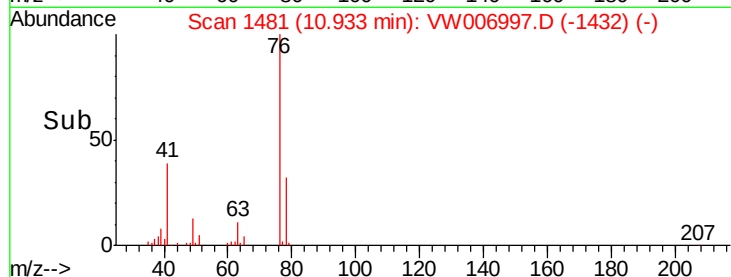
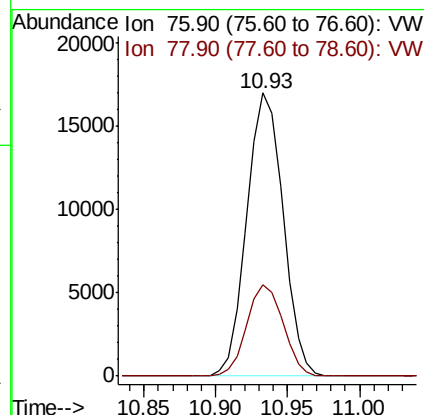
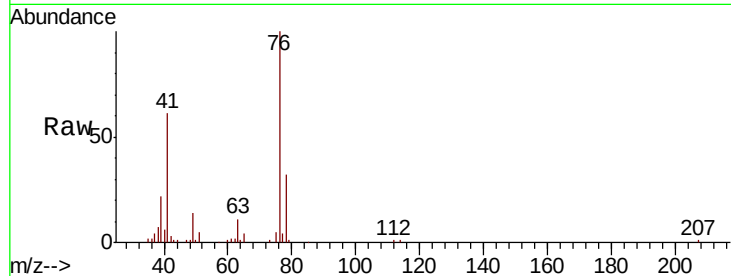
#57
 1,3-Dichloropropane
 Concen: 21.010 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion: 76 Resp: 29704
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

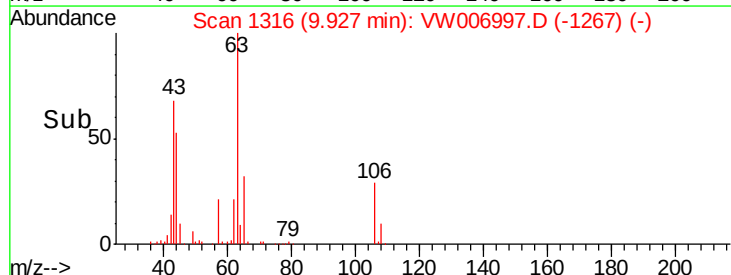
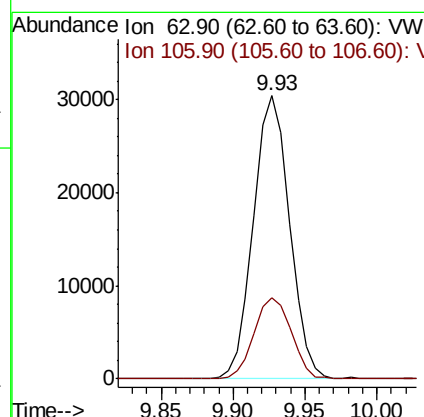
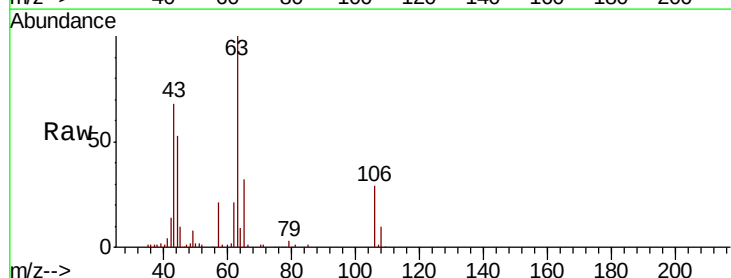
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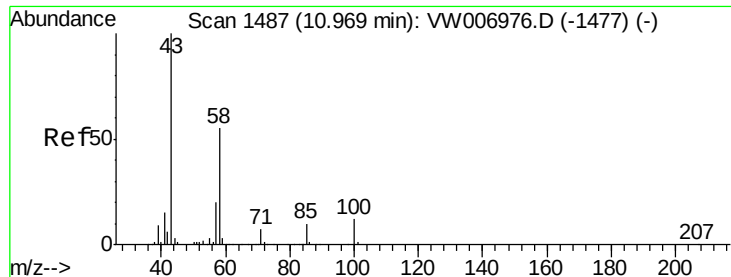
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.326 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 63 Resp: 52875
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.5 35.3





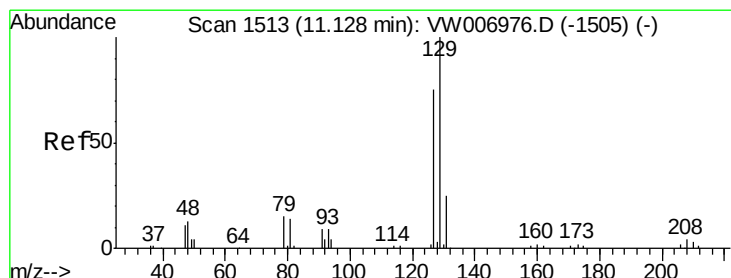
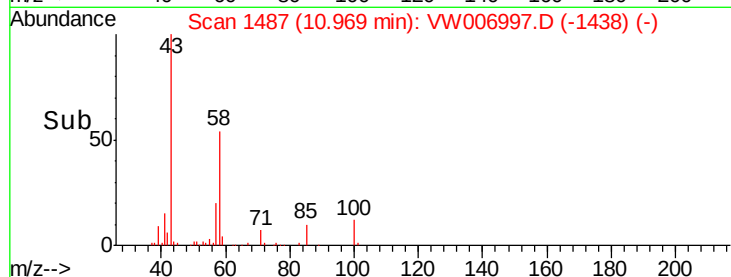
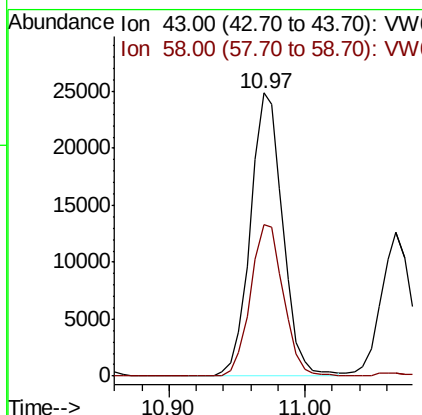
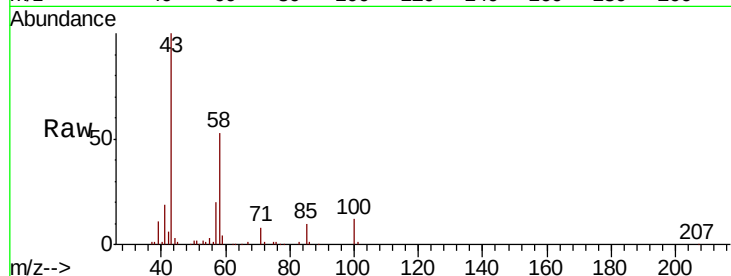
#59
2-Hexanone
Concen: 100.877 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	43	Resp	41484
Ion Ratio	100	Lower	Upper
43	100		
58	54.6	27.3	81.8

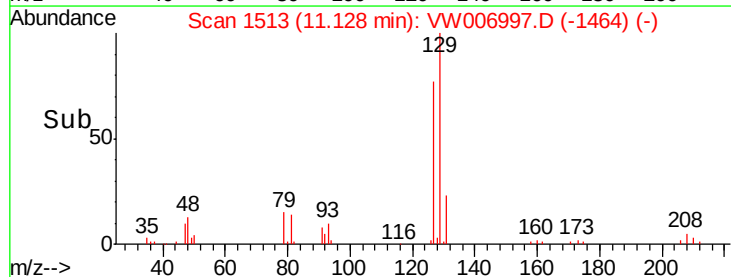
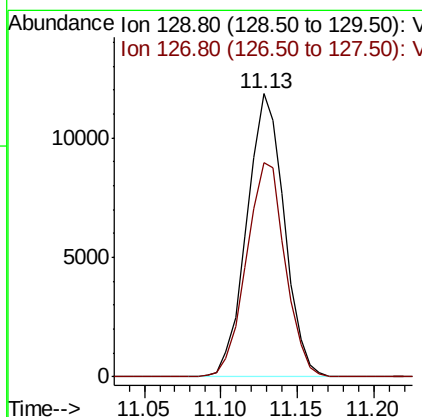
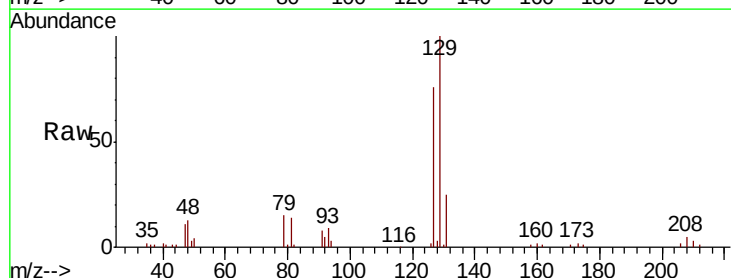
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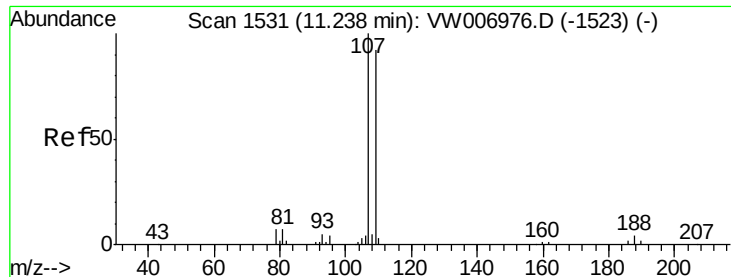
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#60
Dibromochloromethane
Concen: 20.993 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	129	Resp	20181
Ion Ratio	100	Lower	Upper
129	100		
127	78.3	38.3	114.8





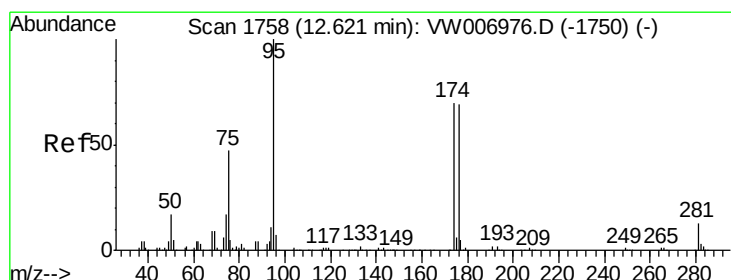
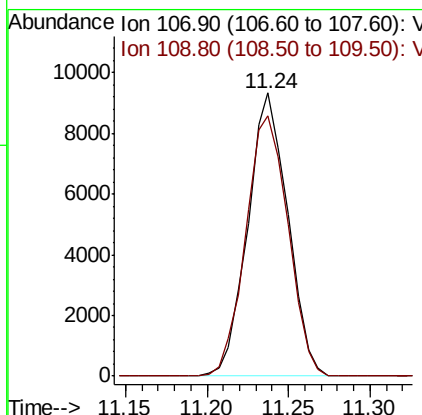
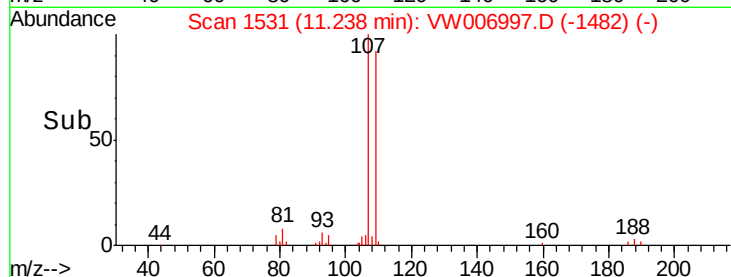
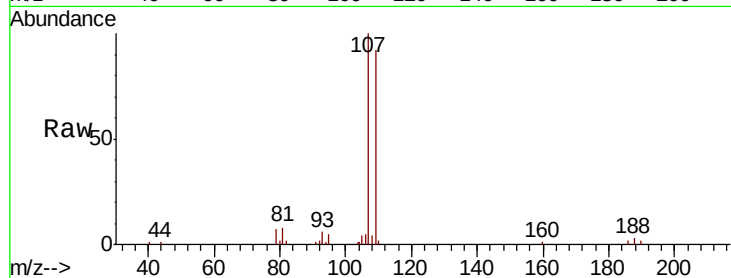
#61
 1,2-Dibromoethane
 Concen: 20.605 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	75.1	112.7

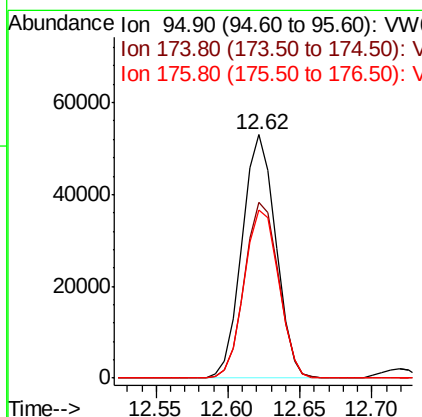
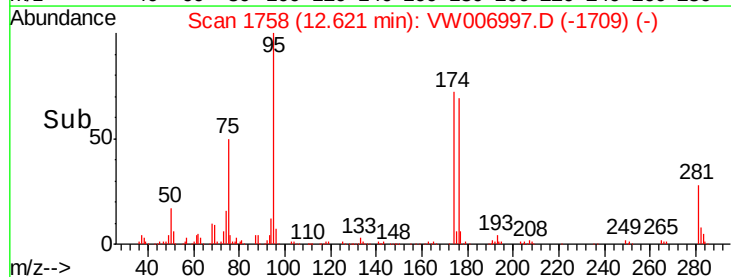
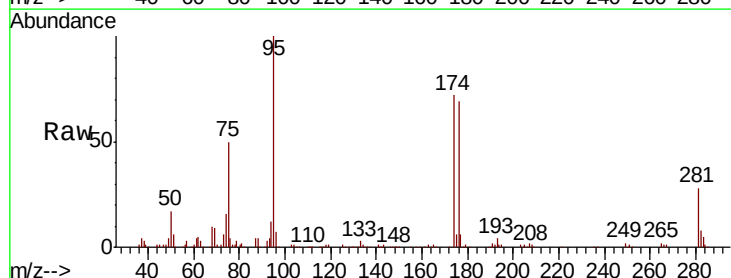
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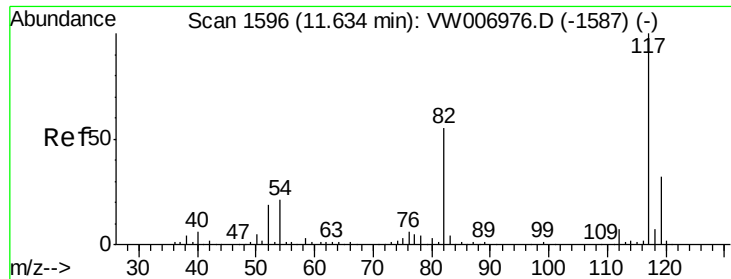
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#62
 4-Bromofluorobenzene
 Concen: 49.857 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	143.6
176	70.9	0.0	140.4





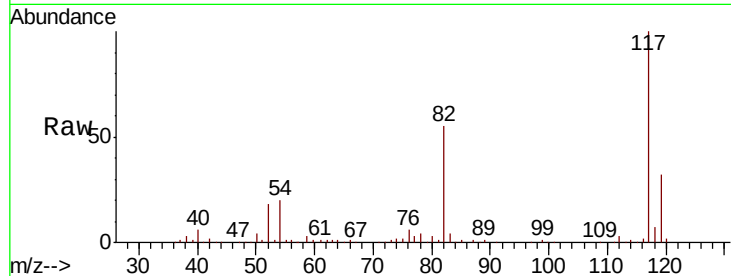
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.2	66.2
119	32.4	25.9	38.9

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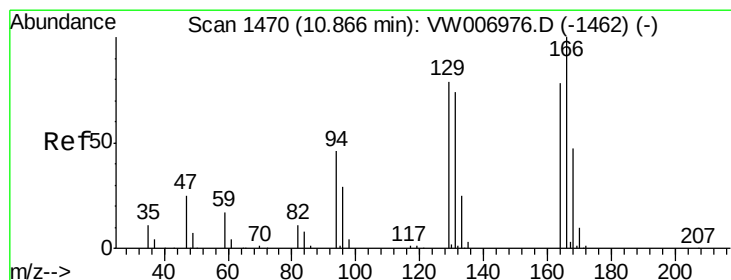
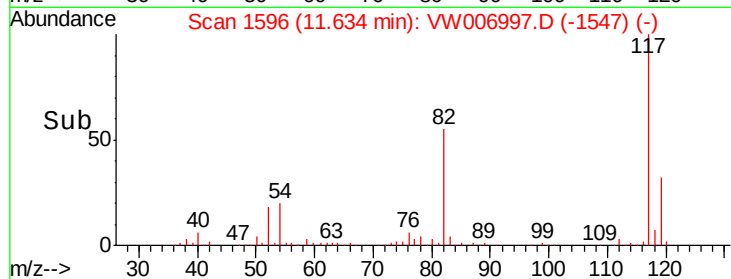
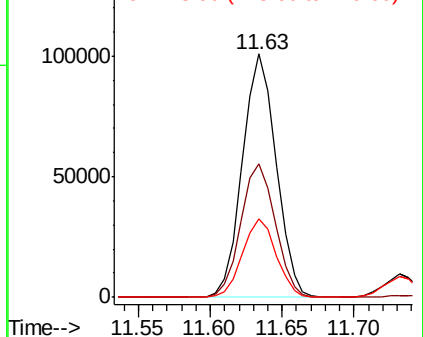


Abundance

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: 21.255 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	102.1	153.1
129	97.4	80.4	120.6
131	97.3	75.2	112.8

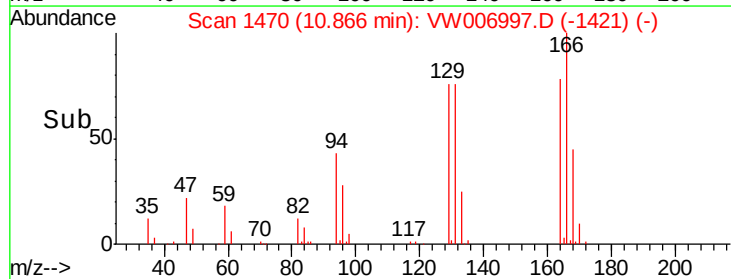
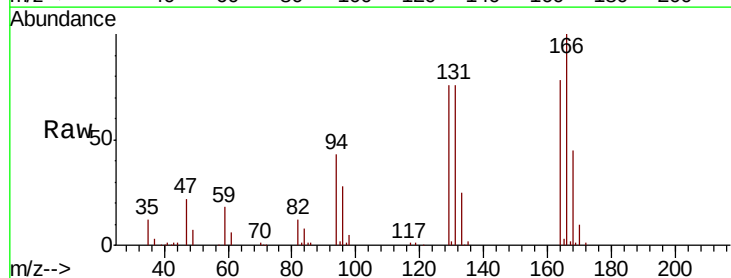
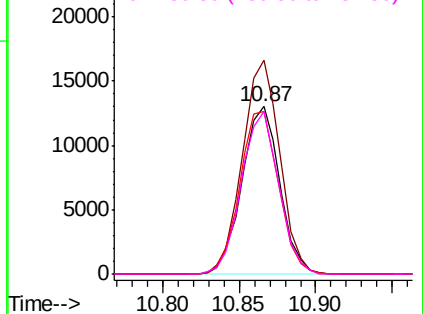
Abundance

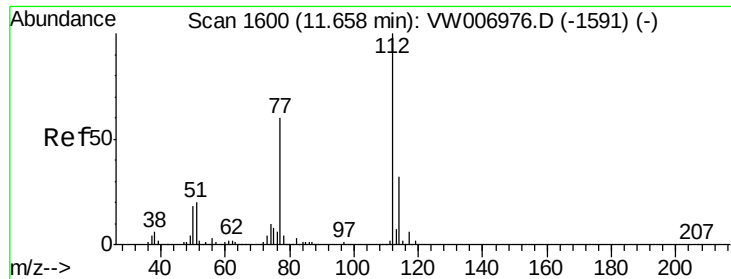
Ion 163.80 (163.50 to 164.50): V

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





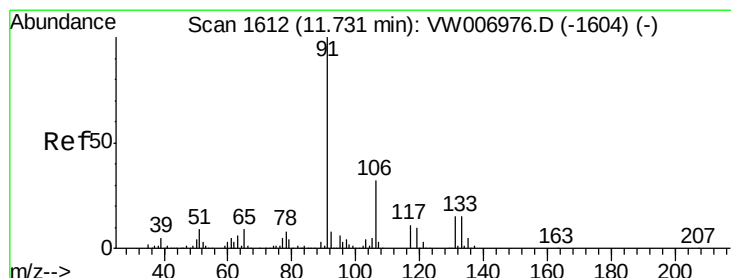
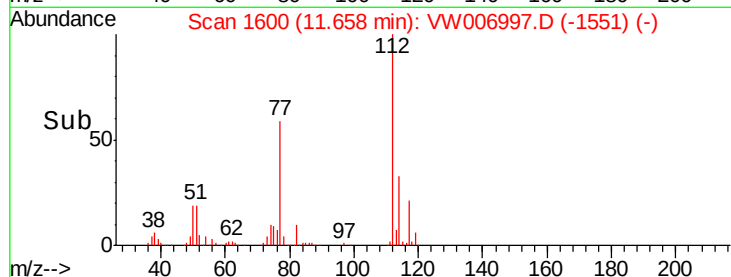
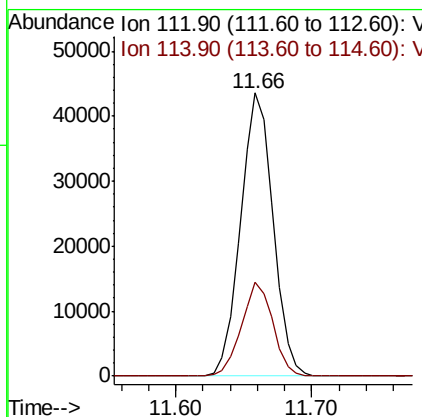
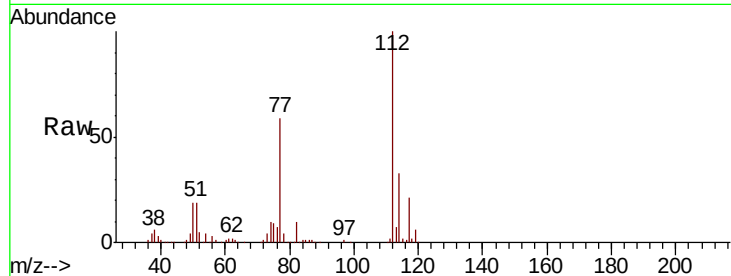
#65
Chlorobenzene
Concen: 21.254 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.8	38.8

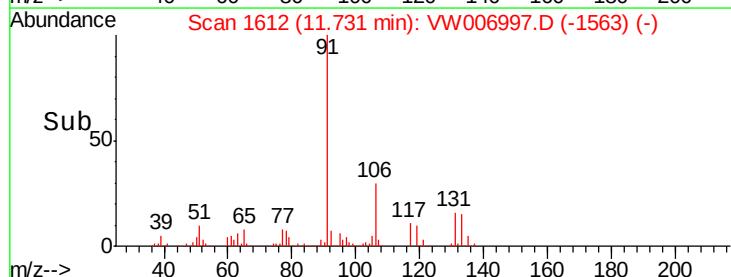
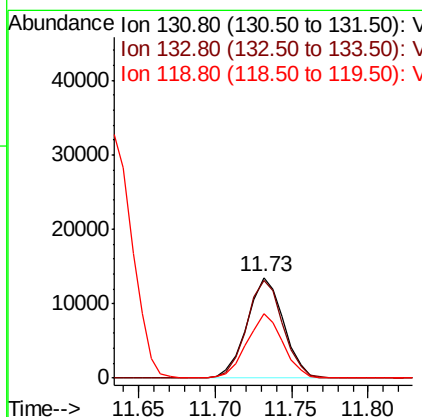
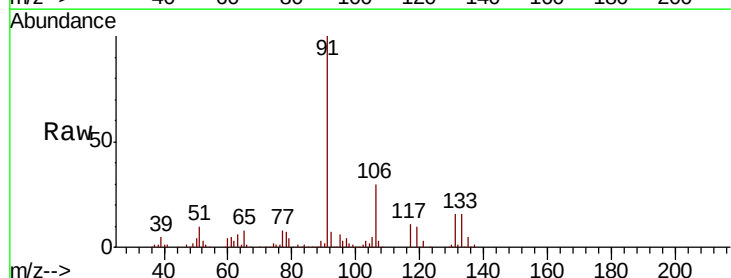
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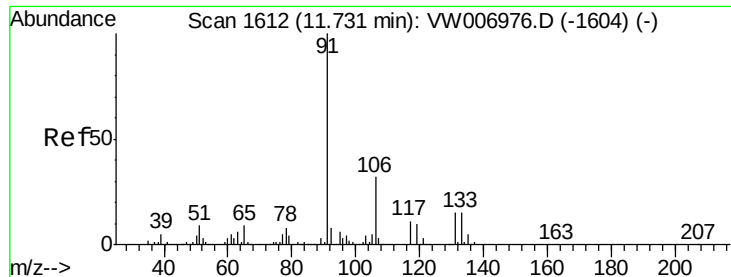
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.704 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.7	143.1
119	62.9	31.8	95.3





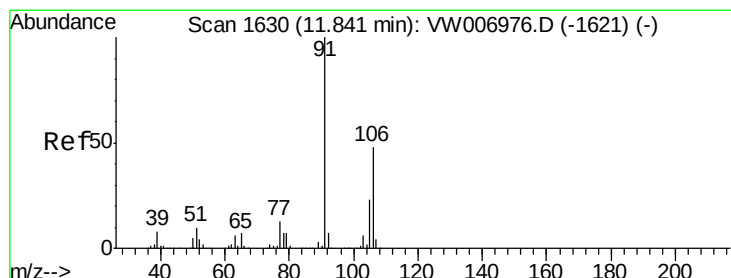
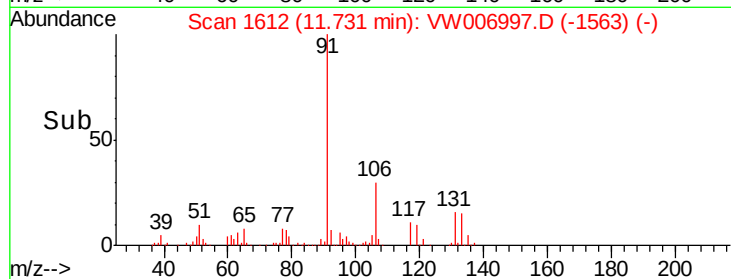
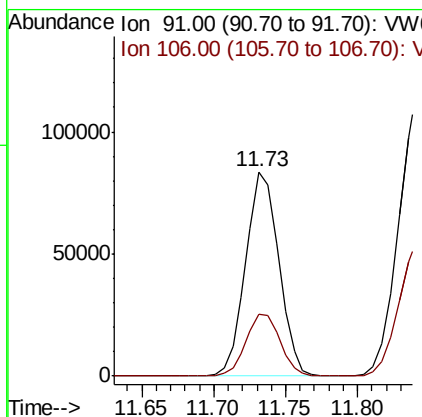
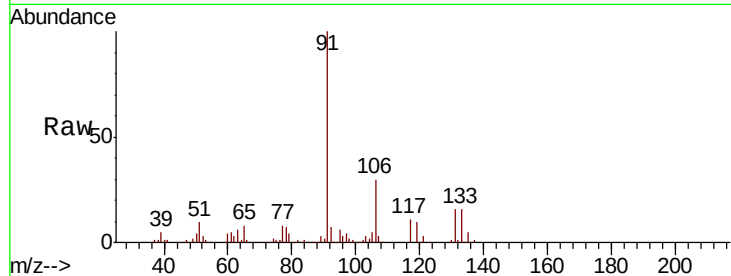
#67
Ethyl Benzene
Concen: 21.287 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		133450		
106	30.2	25.4	38.2		

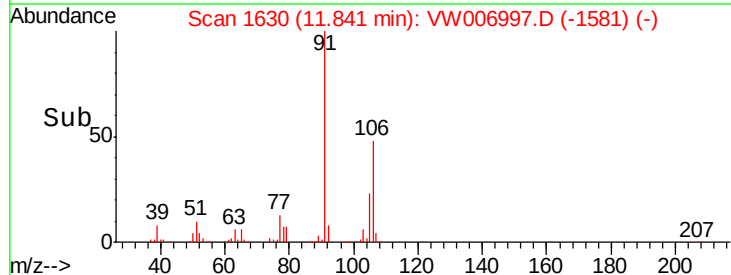
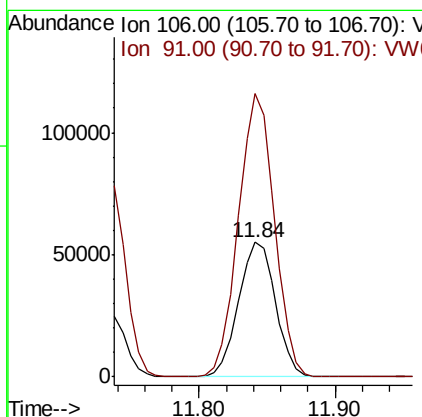
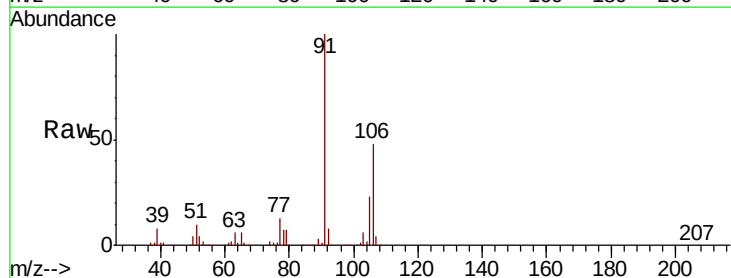
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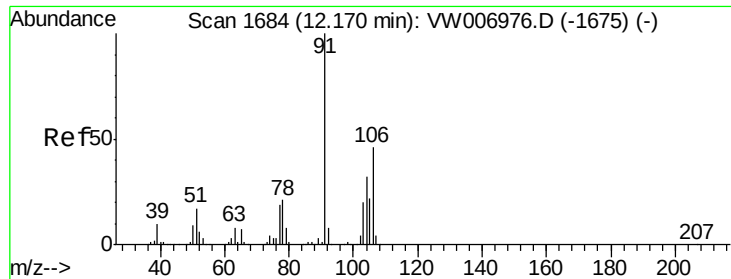
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#68
m/p-Xylenes
Concen: 42.391 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		104265		
91	205.8	164.8	247.2		





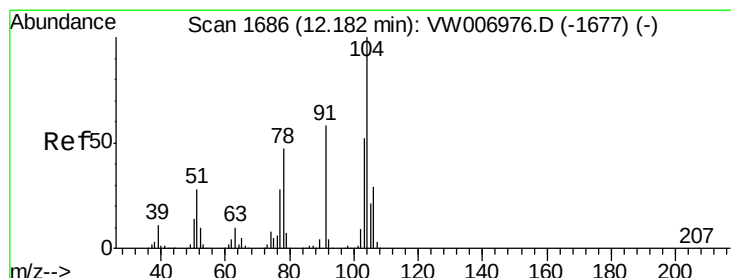
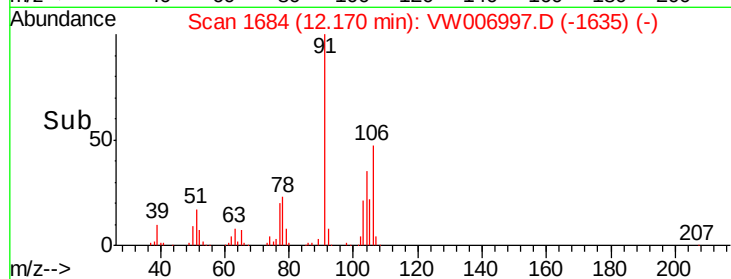
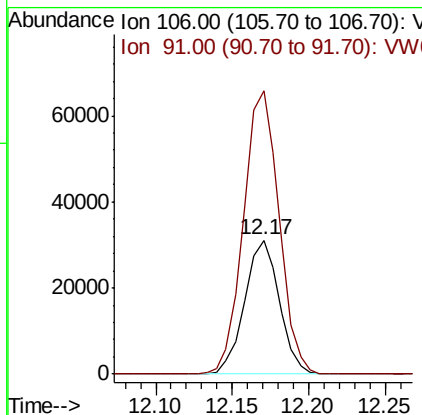
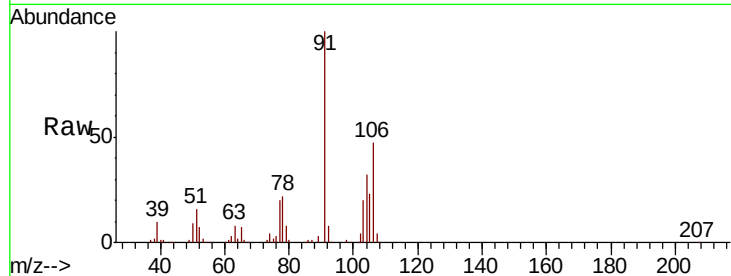
#69
o-Xylene
Concen: 21.157 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		49068		
91	216.4	107.9	323.8		

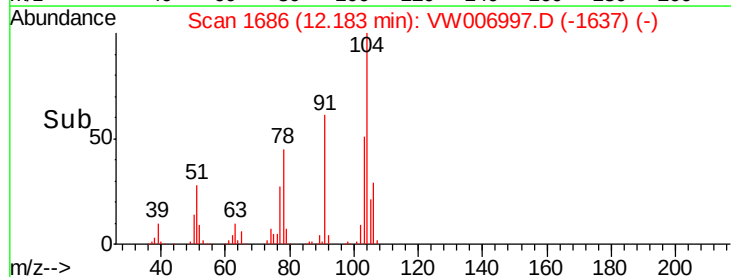
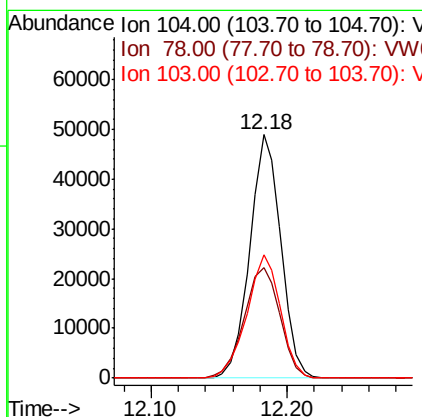
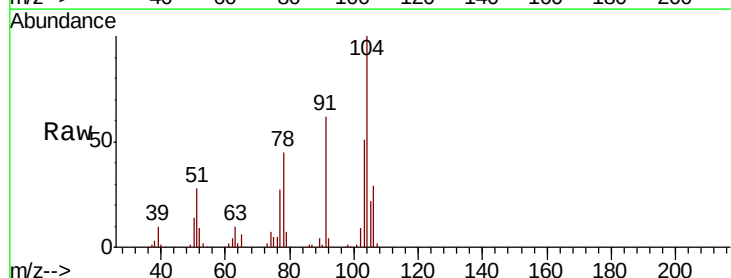
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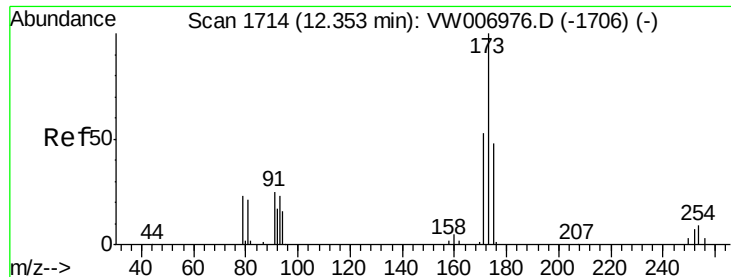
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#70
Styrene
Concen: 21.262 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		78481		
78	52.3	41.8	62.8		
103	54.6	44.4	66.6		





#71

Bromoform

Concen: 20.672 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

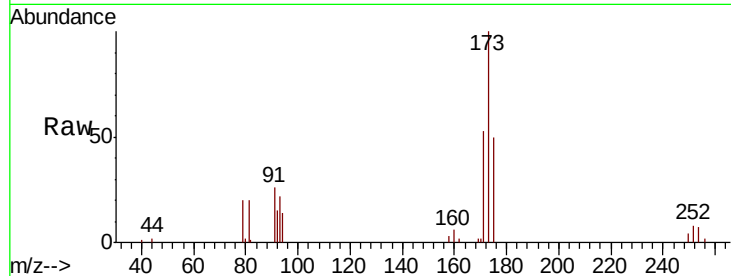
ClientSampleId :

VW1122SBS01

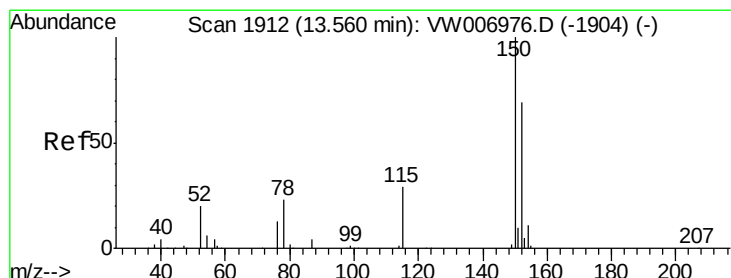
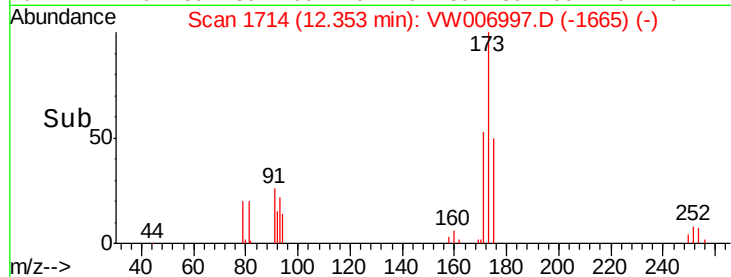
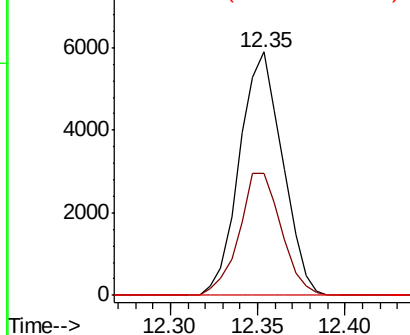
Tot Ion:	173	Resp:	10053
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
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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

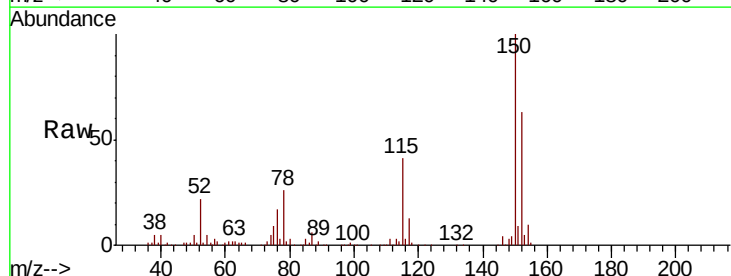
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

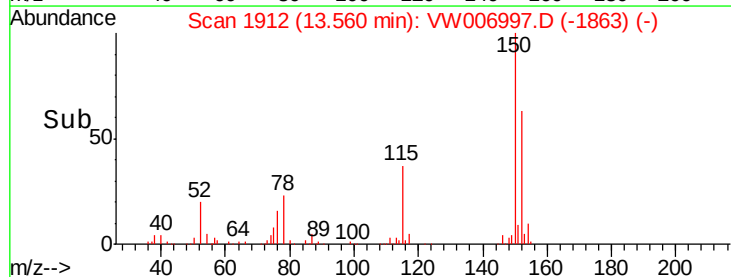
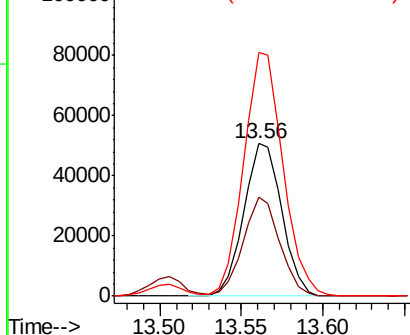
Lab File: VW006997.D

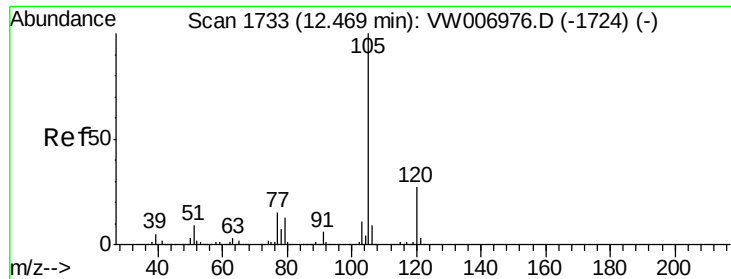
Acq: 21 Nov 2018 13:12

Tgt Ion:	152	Resp:	82261
Ion Ratio	Lower	Upper	
152	100		
115	62.6	31.4	94.2
150	164.9	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





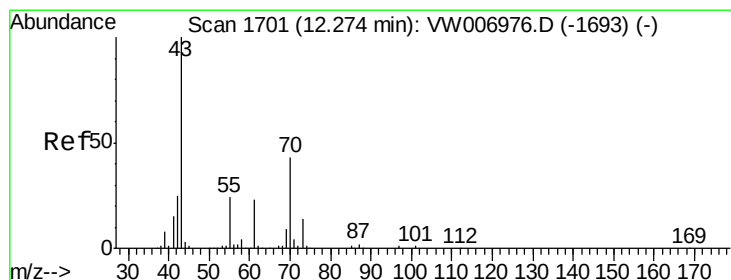
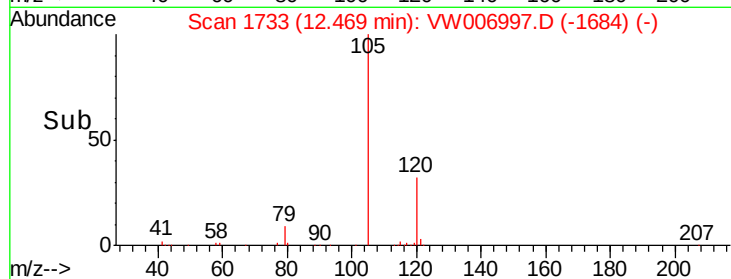
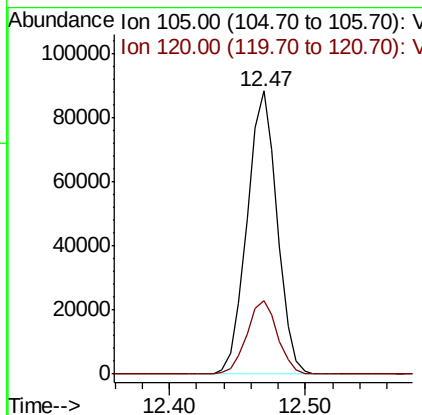
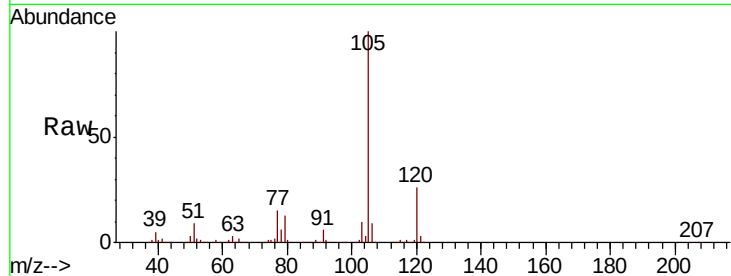
#73
Isopropylbenzene
Concen: 21.396 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.8

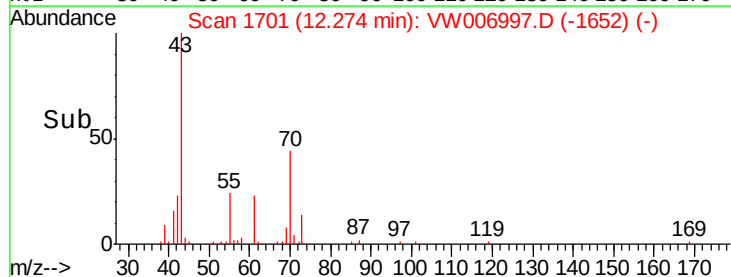
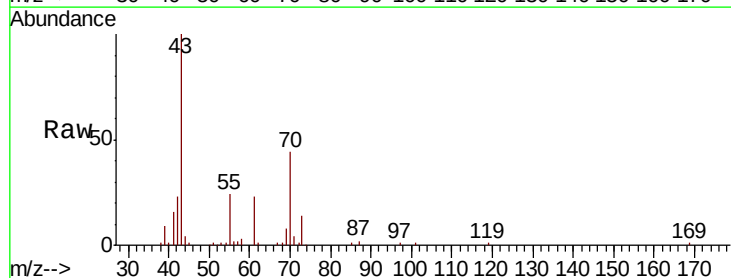
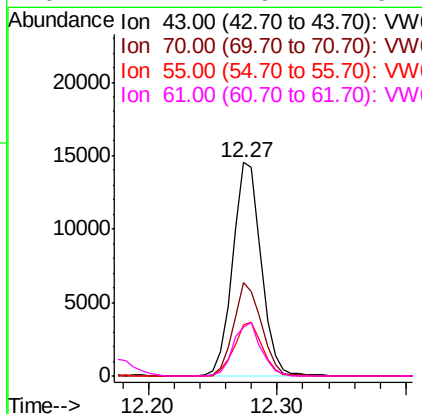
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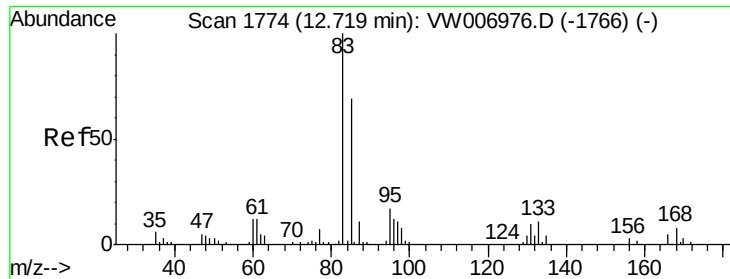
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#74
N-ethyl acetate
Concen: 20.907 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.8	34.0	51.0
55	24.7	19.4	29.0
61	24.1	19.4	29.2





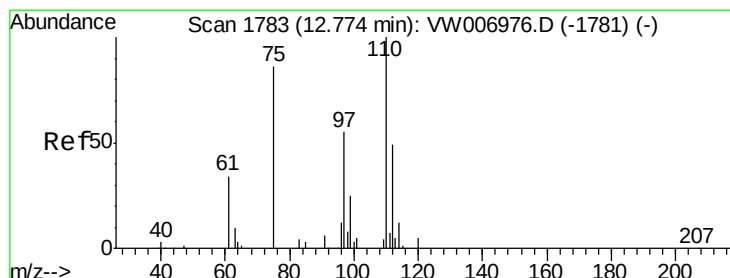
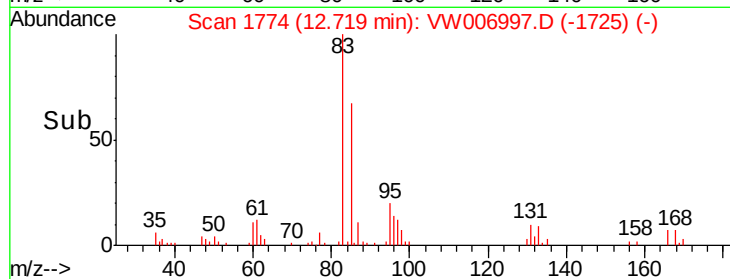
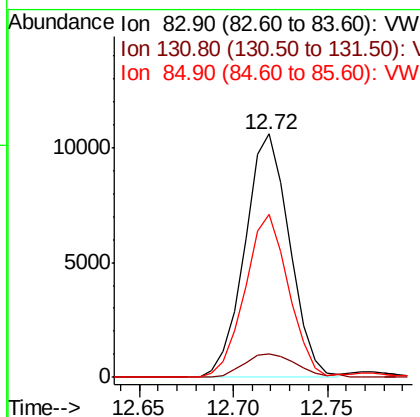
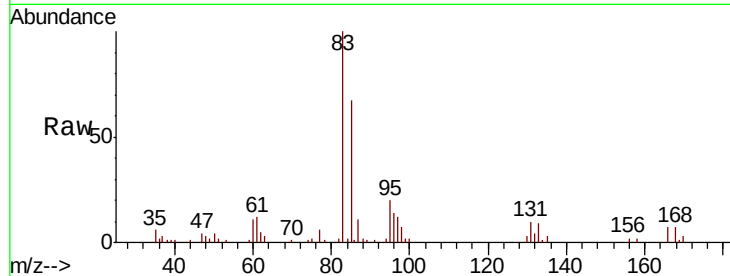
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.469 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	83	Resp	17416
Ion Ratio	100	Lower	Upper
83	100		
131	11.6	5.7	17.1
85	65.3	33.1	99.2

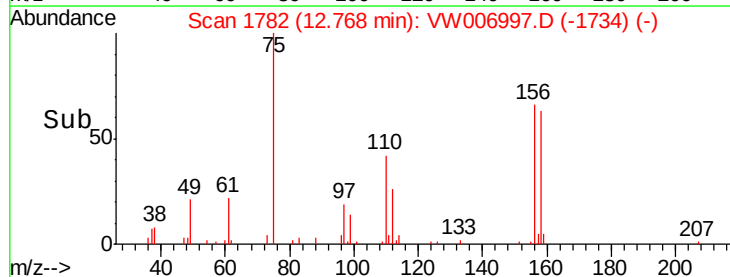
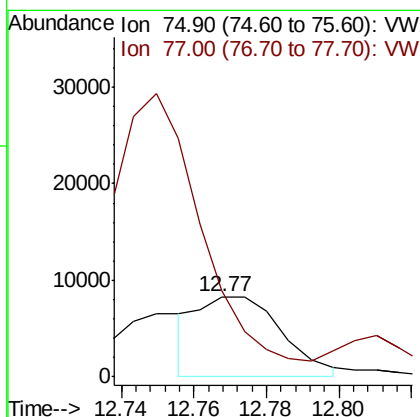
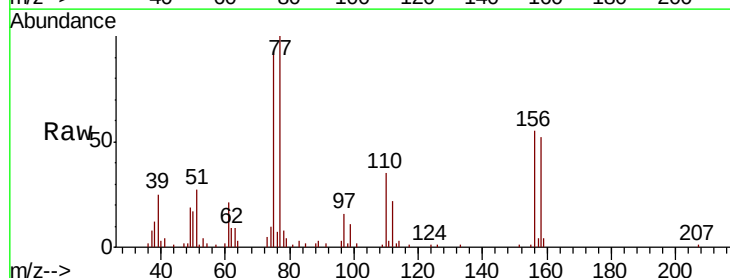
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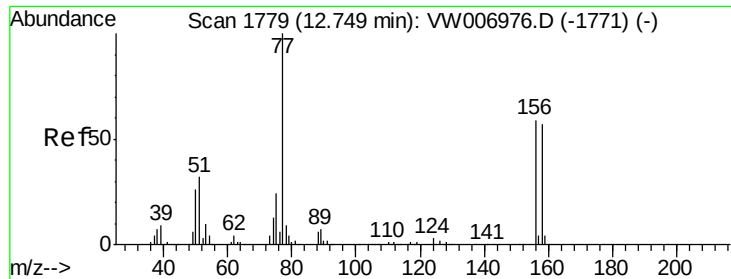
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#76
 1,2,3-Trichloropropane
 Concen: 20.726 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	75	Resp	13397
Ion Ratio	100	Lower	Upper
75	100		
77	399.6	0.0	0.0#





#77

Bromobenzene

Concen: 21.189 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

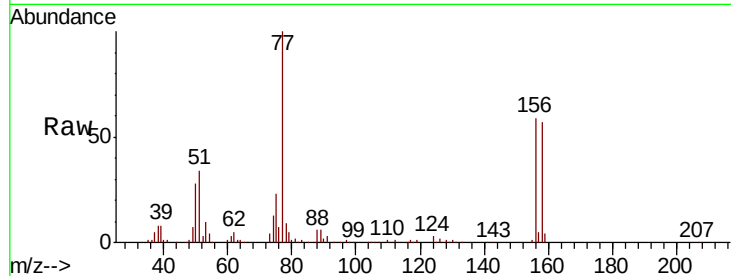
ClientSampleId :

VW1122SBSD01

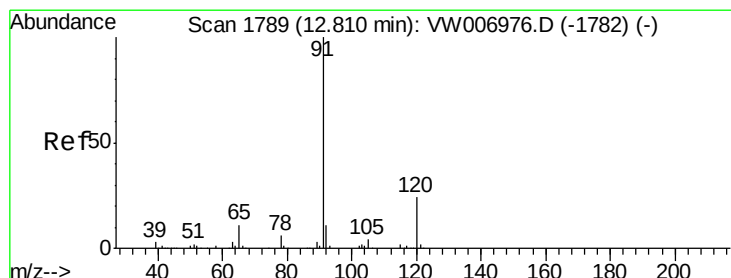
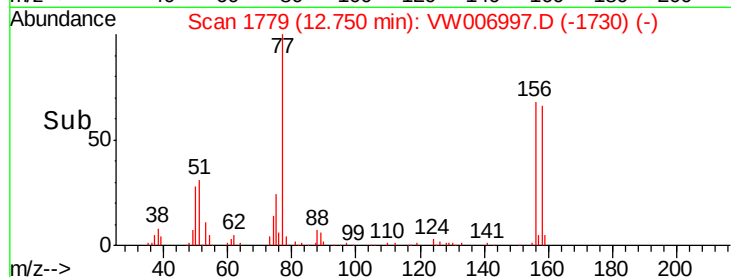
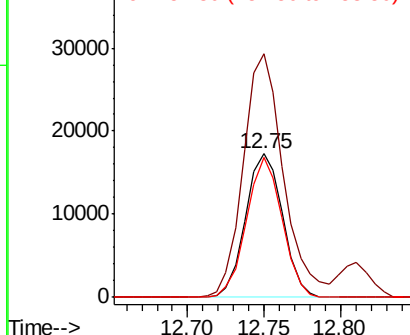
Tot Ion:	156	Resp:	29095
Ion Ratio	Lower	Upper	
156	100		
77	184.0	94.6	283.8
158	93.7	48.9	146.7

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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: 21.215 ug/l

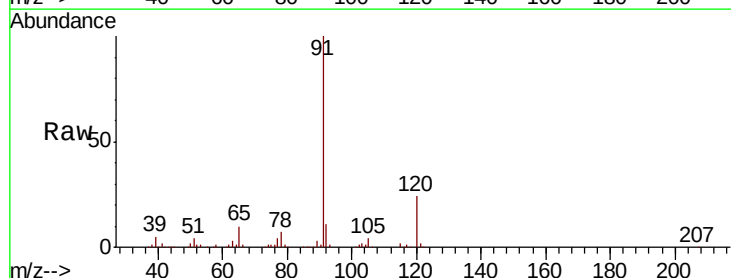
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

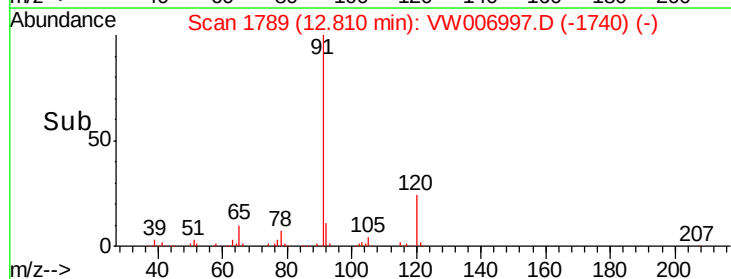
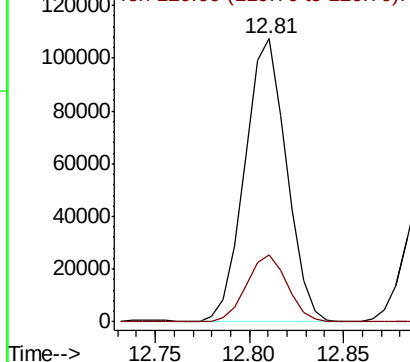
Lab File: VW006997.D

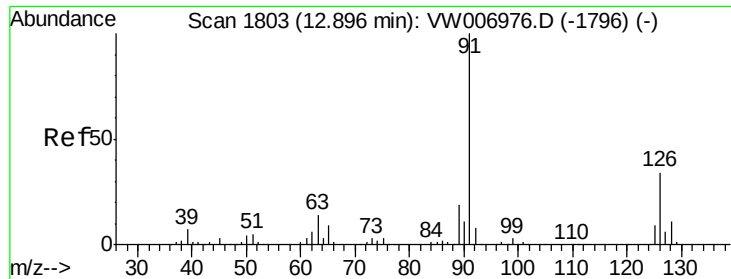
Acq: 21 Nov 2018 13:12

Tgt Ion:	91	Resp:	164291
Ion Ratio	Lower	Upper	
91	100		
120	23.4	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: 20.939 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

Tot Ion: 91 Resp: 93496

Ion Ratio Lower Upper

91 100

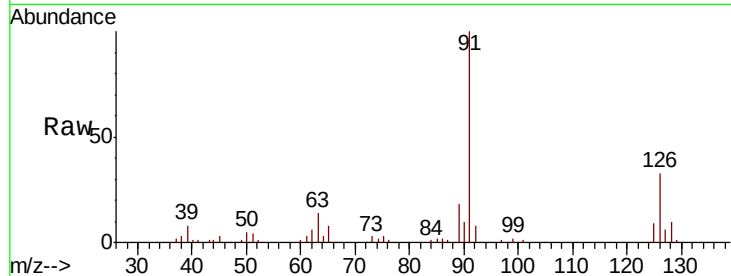
126 33.2 16.7 50.0

Manual Integrations

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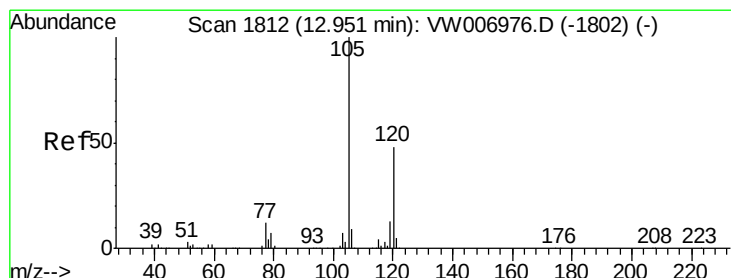
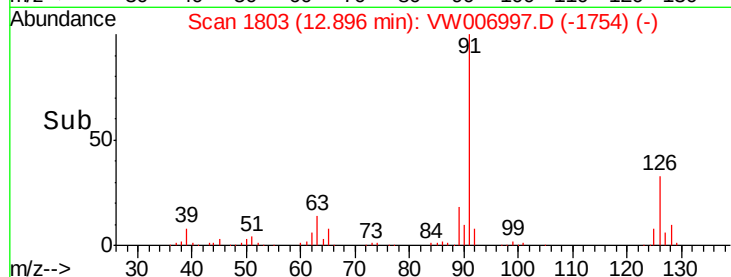
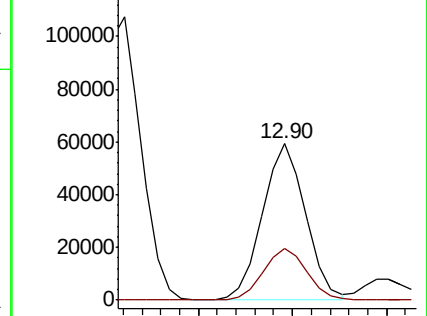
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.075 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006997.D

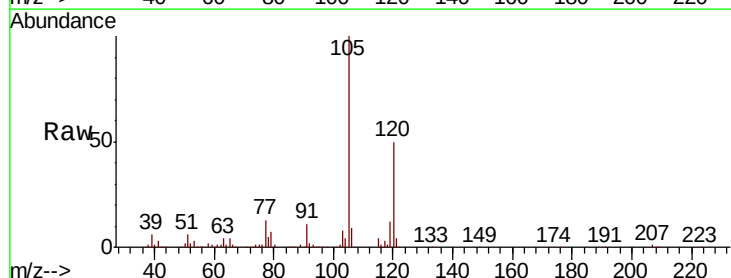
Acq: 21 Nov 2018 13:12

Tgt Ion:105 Resp: 116513

Ion Ratio Lower Upper

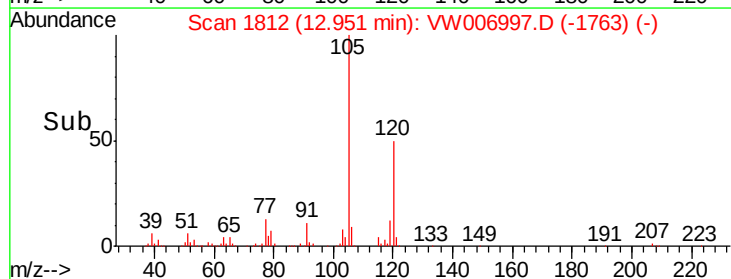
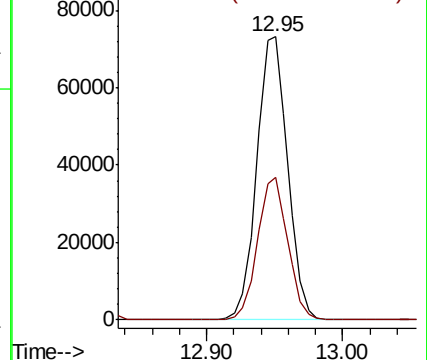
105 100

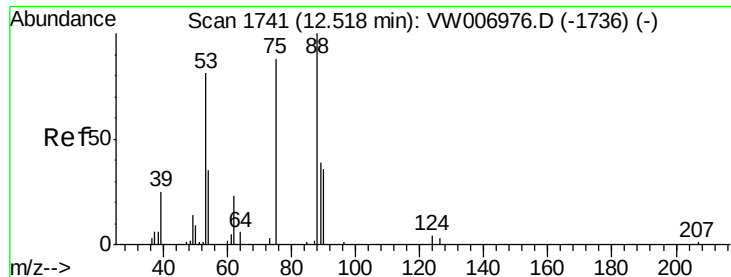
120 49.2 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





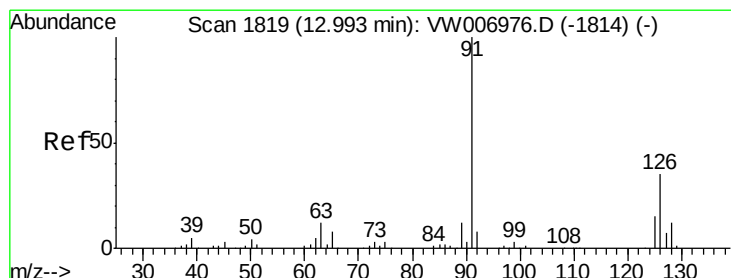
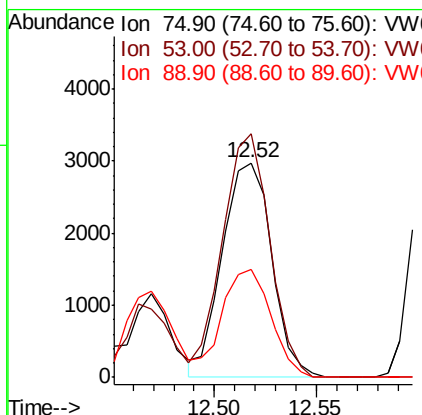
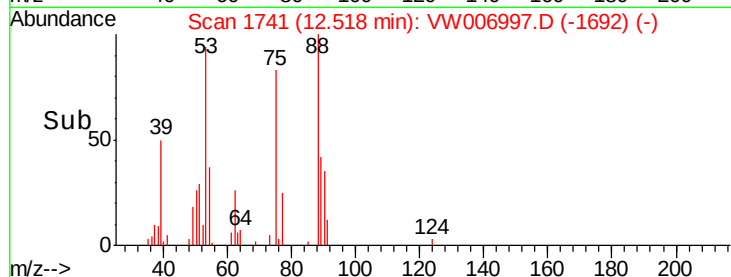
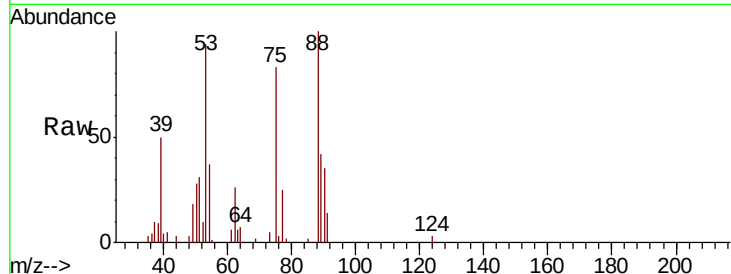
#81
trans-1,4-Dichloro-2-butene
Concen: 19.396 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.1	77.6	116.4
89	50.7	39.3	58.9

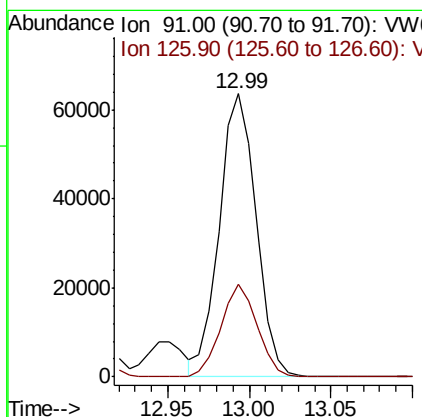
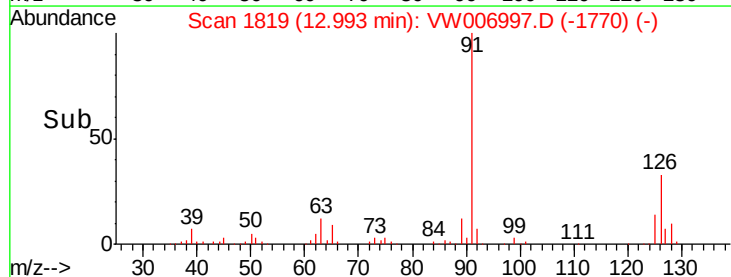
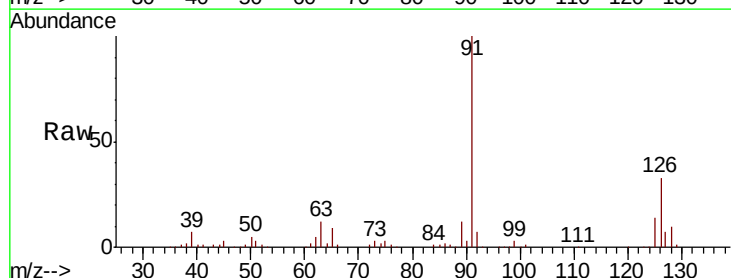
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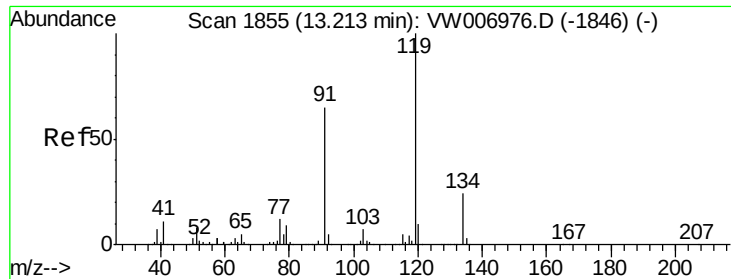
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#82
4-Chlorotoluene
Concen: 21.264 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.6	49.7





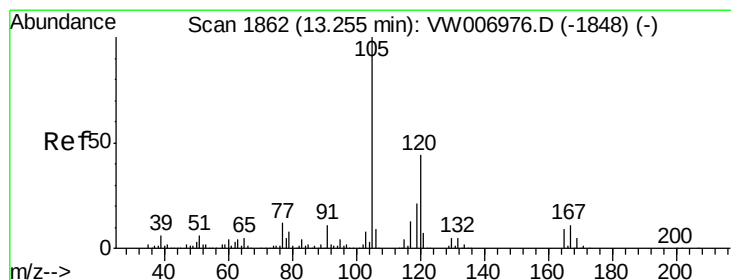
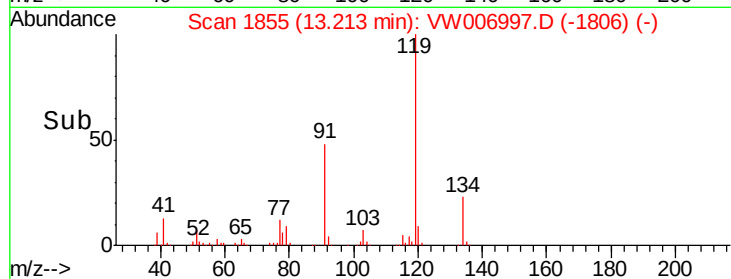
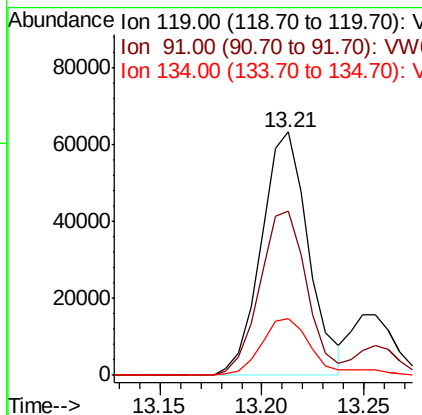
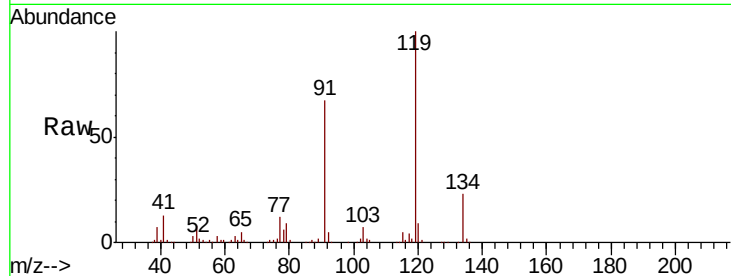
#83
 tert-Butylbenzene
 Concen: 21.285 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.5	100.5
134	25.8	12.6	37.8

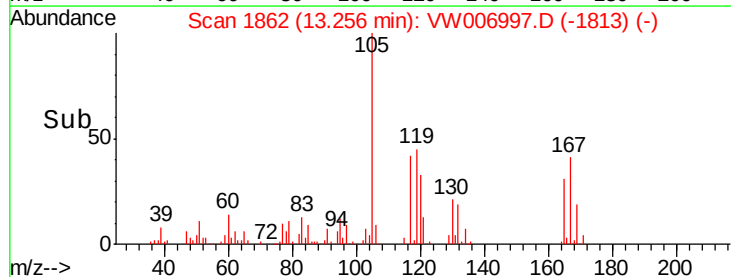
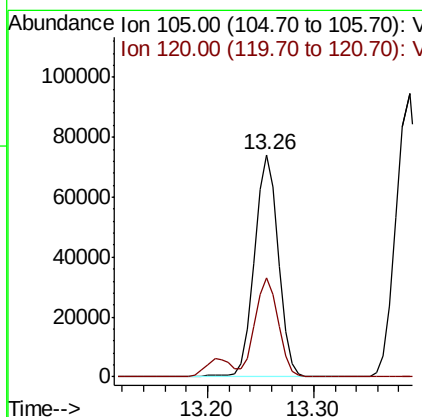
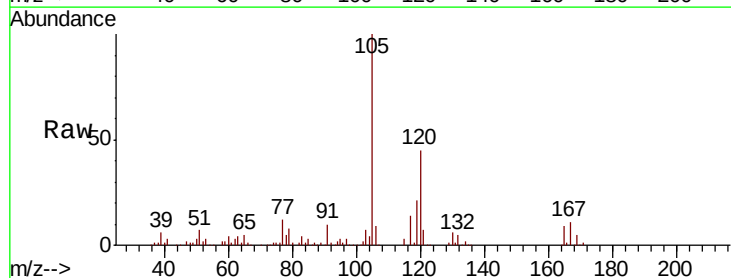
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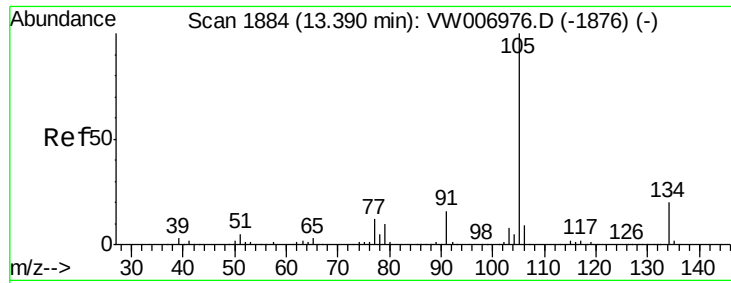
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.215 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.8	65.3





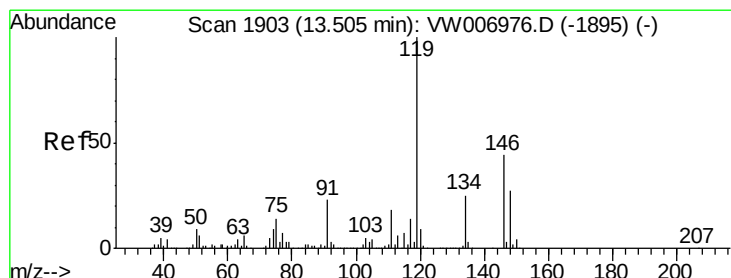
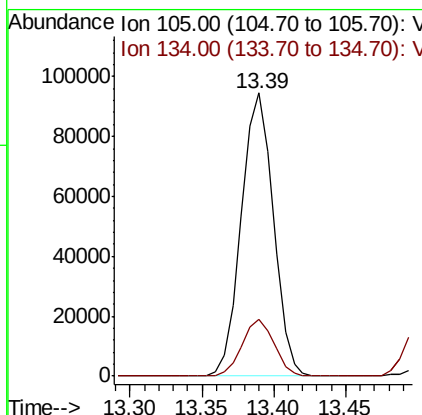
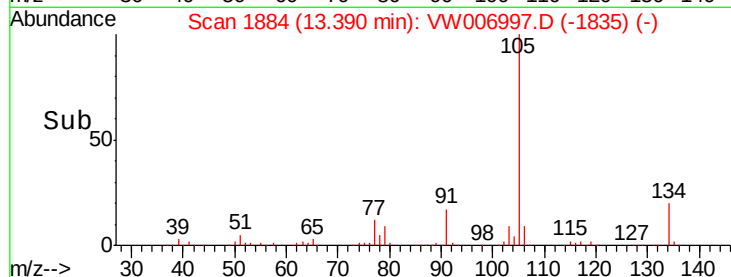
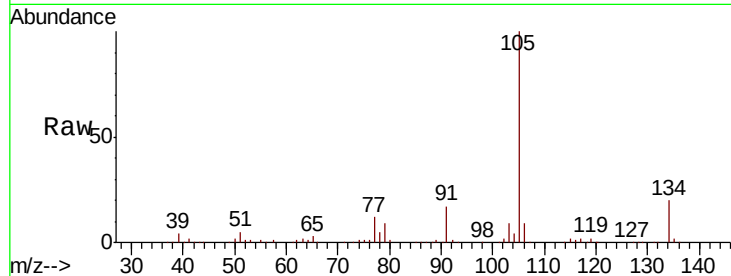
#85
 sec-Butylbenzene
 Concen: 21.574 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.3

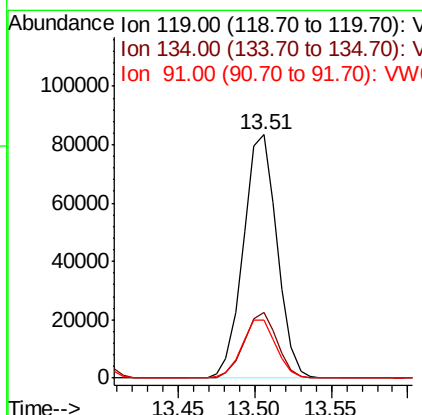
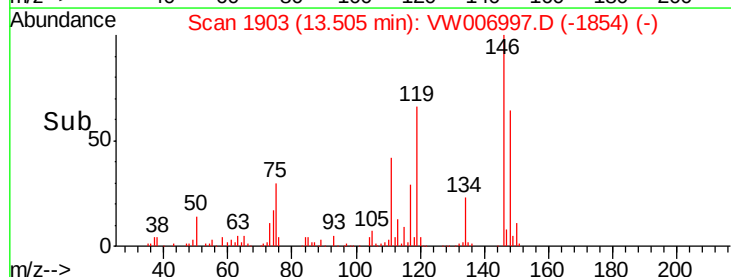
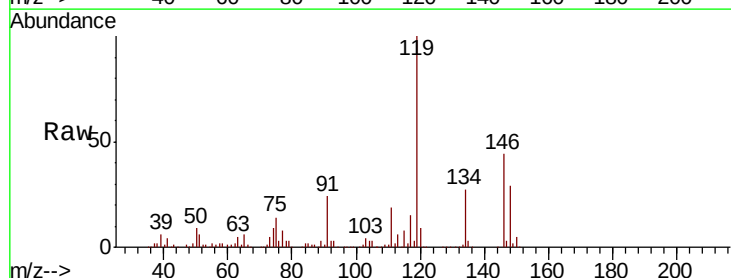
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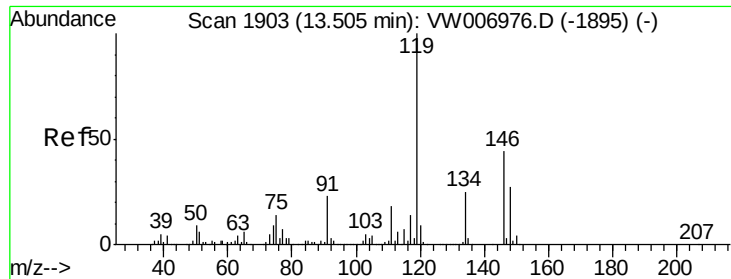
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#86
 p-Isopropyltoluene
 Concen: 21.351 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.8	38.3
91	24.4	12.2	36.6





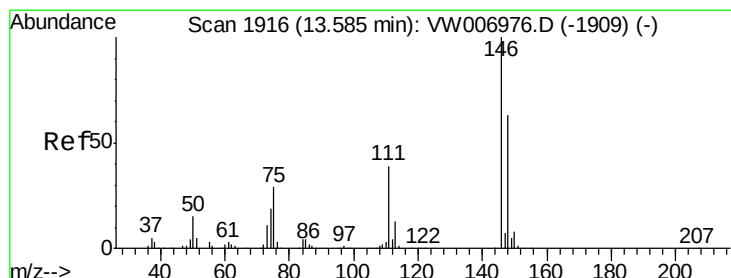
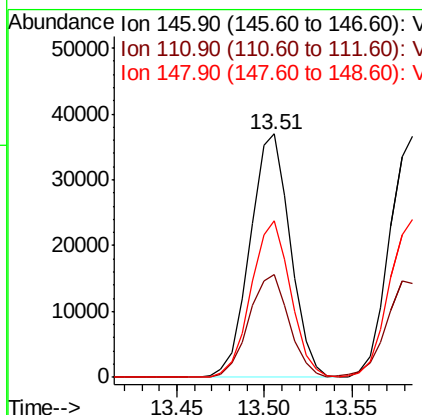
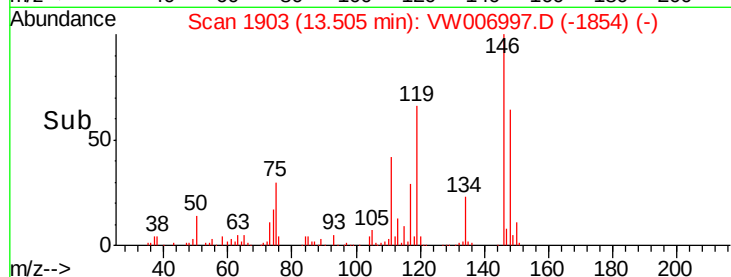
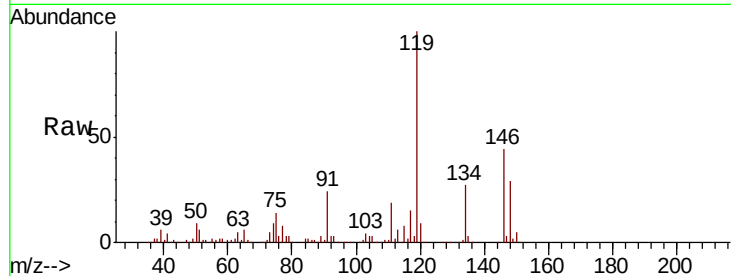
#87
 1,3-Dichlorobenzene
 Concen: 21.316 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.3
148	63.0	31.6	94.8

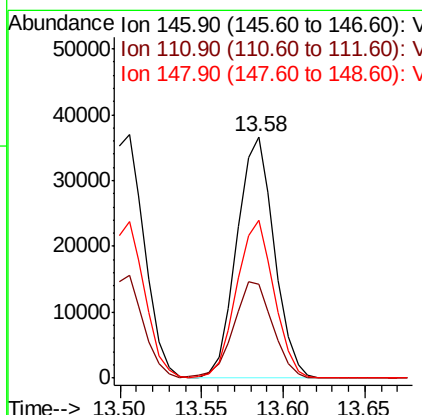
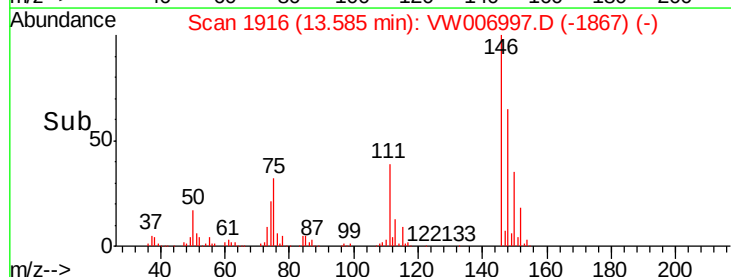
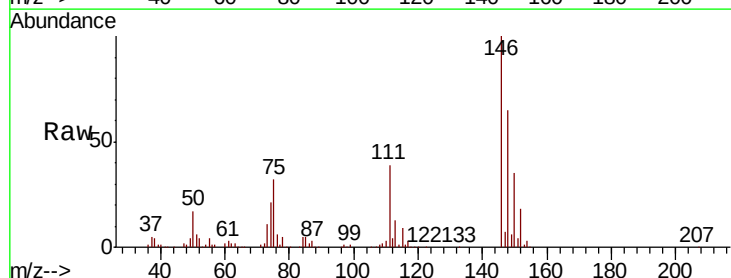
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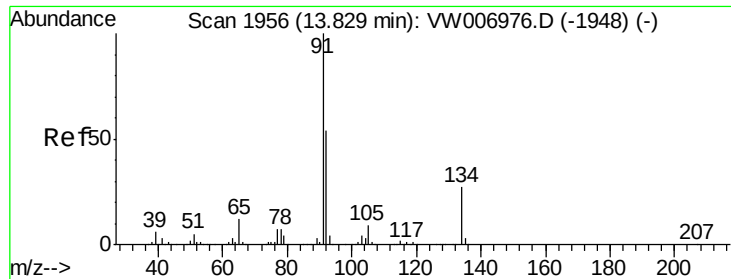
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#88
 1,4-Dichlorobenzene
 Concen: 20.869 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.8
148	65.8	32.3	96.8





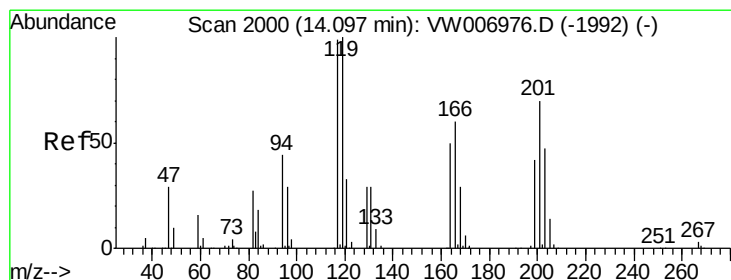
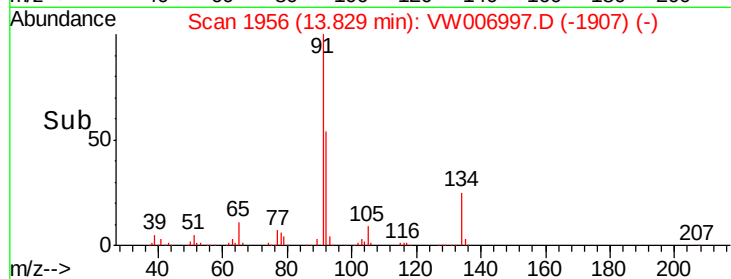
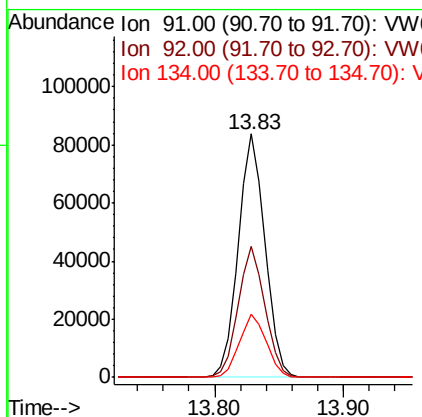
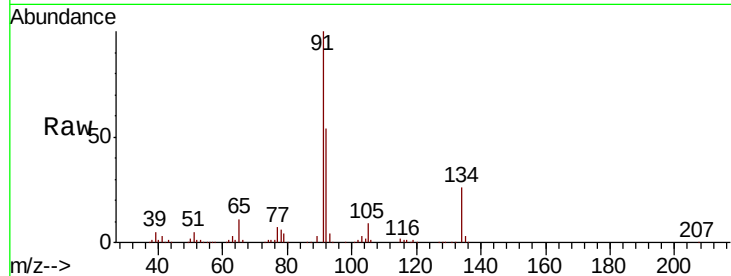
#89
n-Butylbenzene
Concen: 21.389 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.4
134	26.2	13.3	39.8

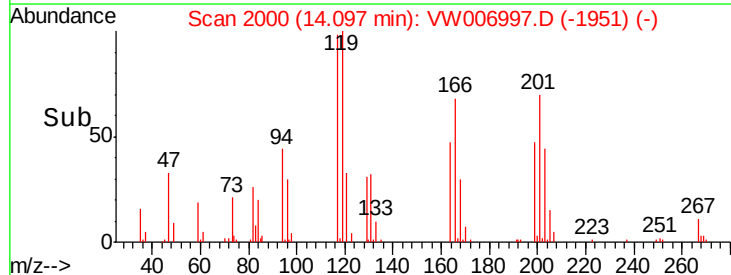
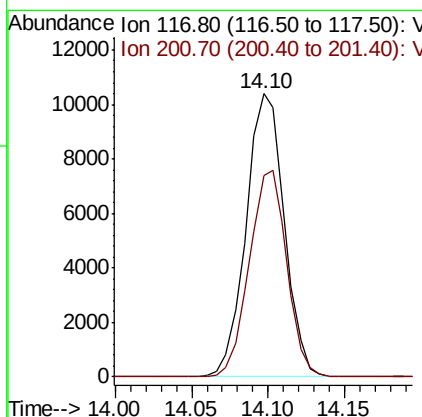
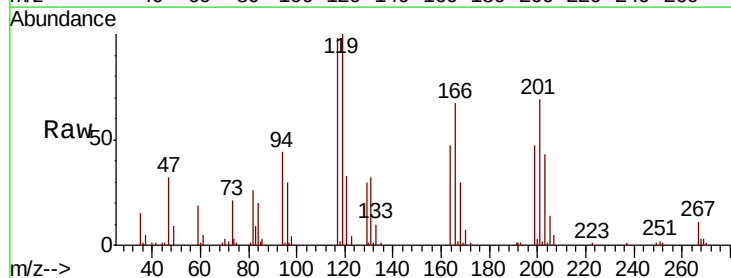
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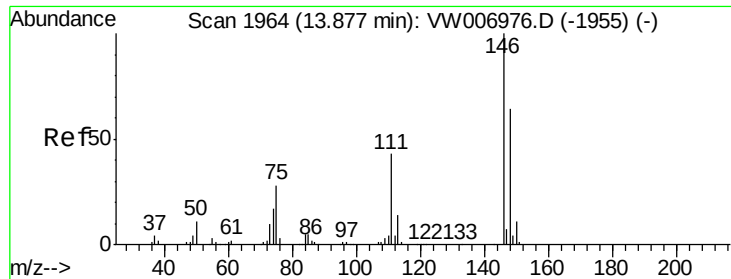
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#90
Hexachloroethane
Concen: 20.694 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.5	35.9	107.5





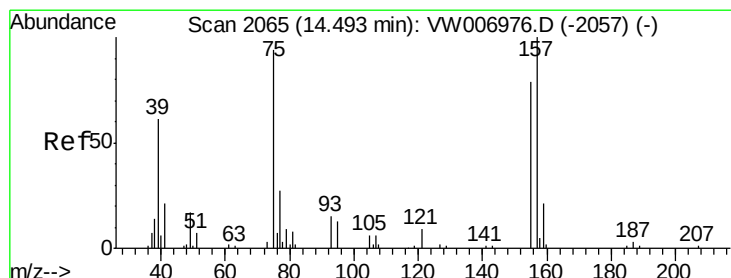
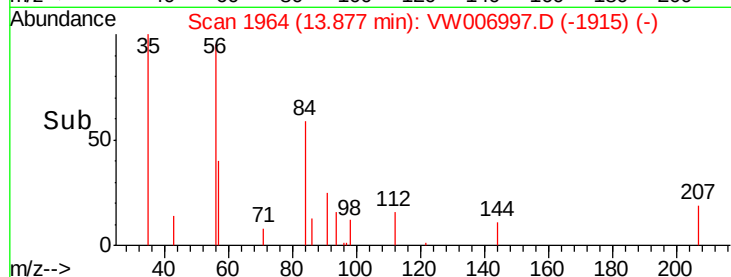
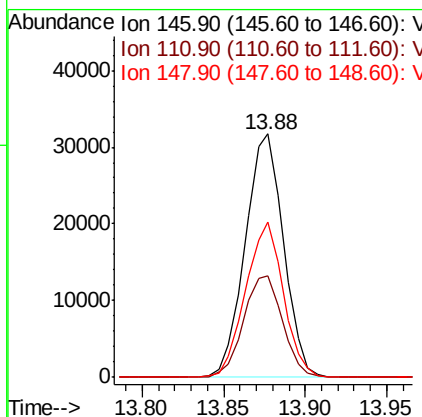
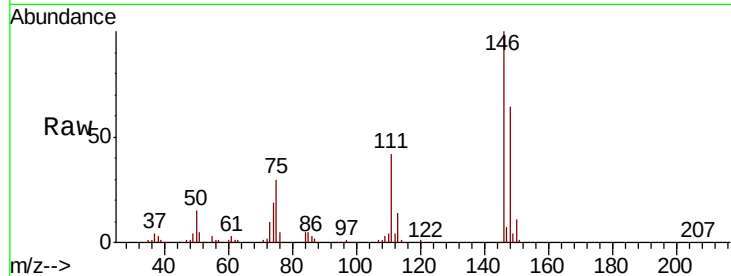
#91
 1,2-Dichlorobenzene
 Concen: 21.160 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.9	65.7
148	62.8	32.2	96.6

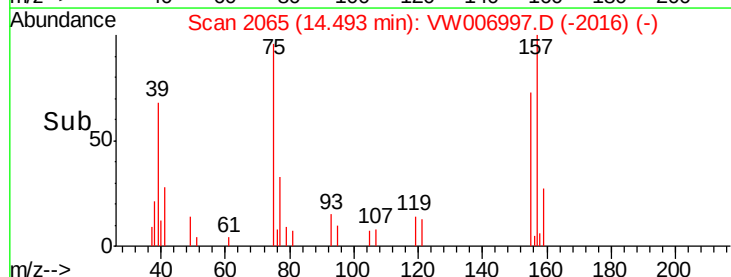
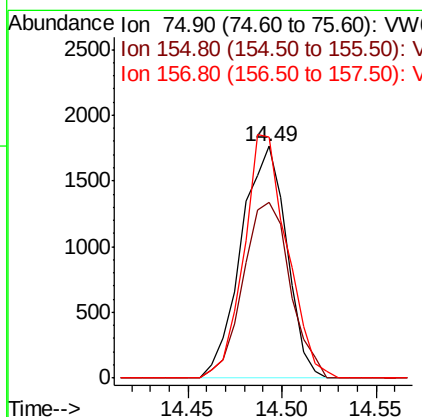
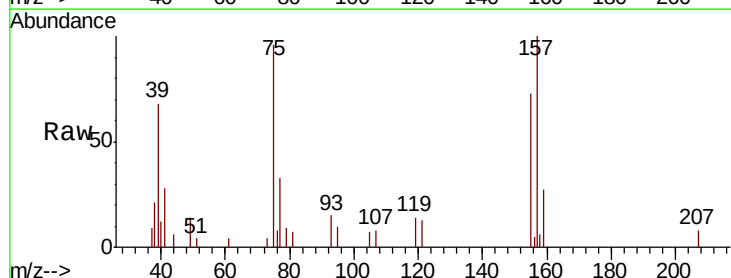
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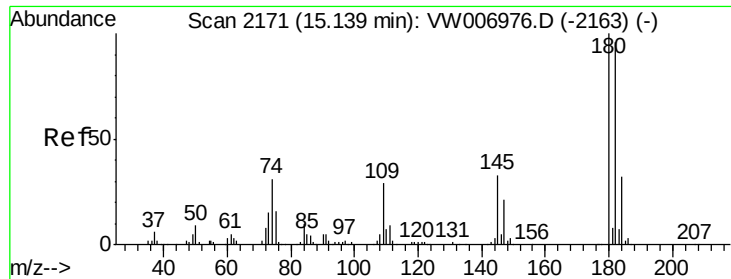
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.453 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	42.6	127.8
157	100.1	55.0	165.0





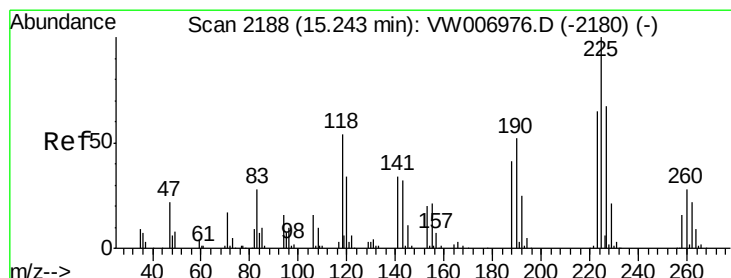
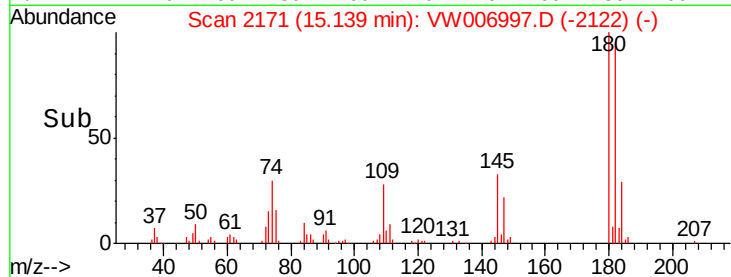
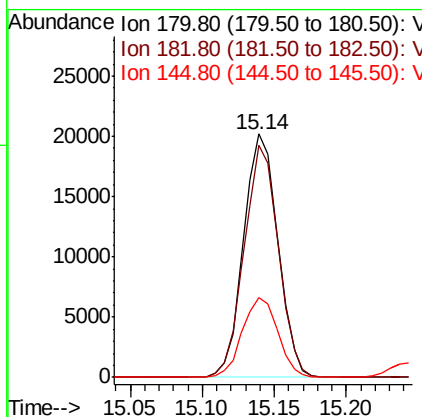
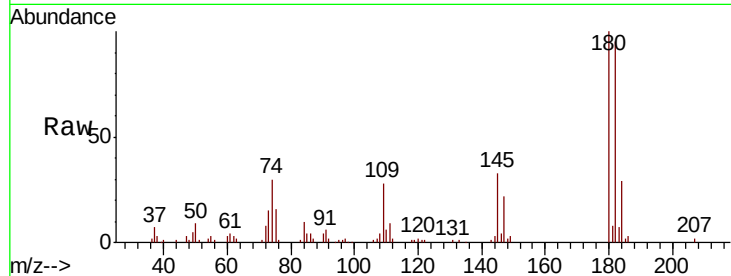
#93
1,2,4-Trichlorobenzene
Concen: 20.580 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	47.1	141.3	
145	33.6	16.5	49.5	

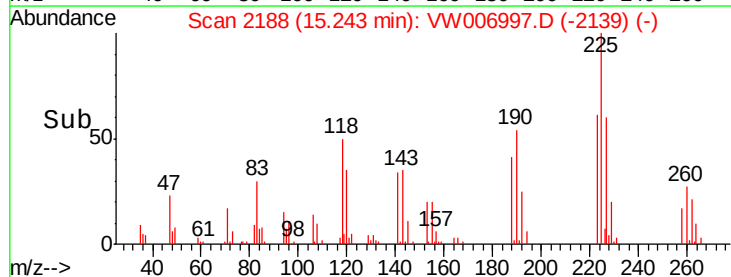
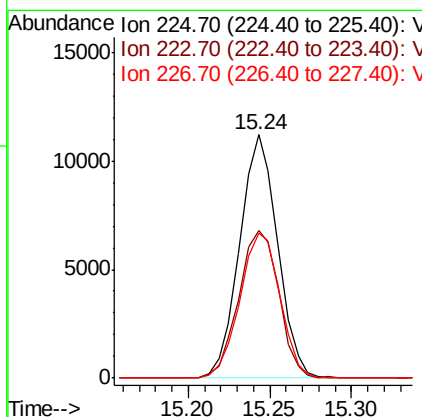
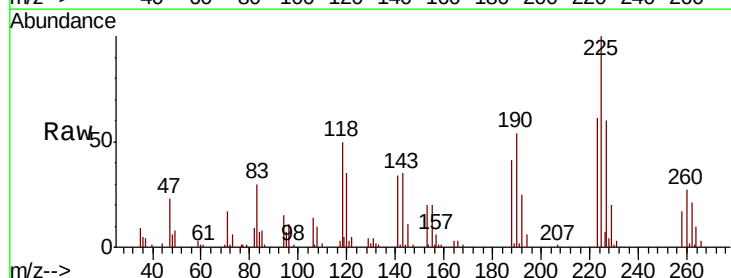
Manual Integrations
APPROVED

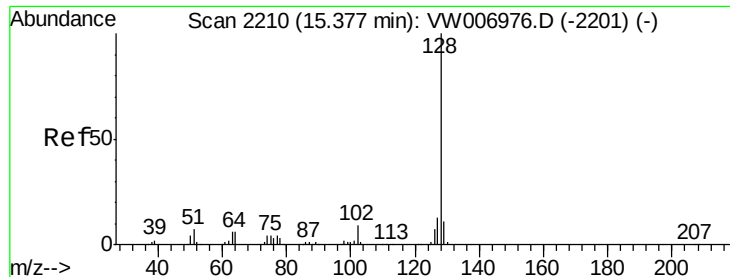
apatel
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#94
Hexachlorobutadiene
Concen: 20.662 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	32.4	97.0	
227	62.7	31.9	95.5	





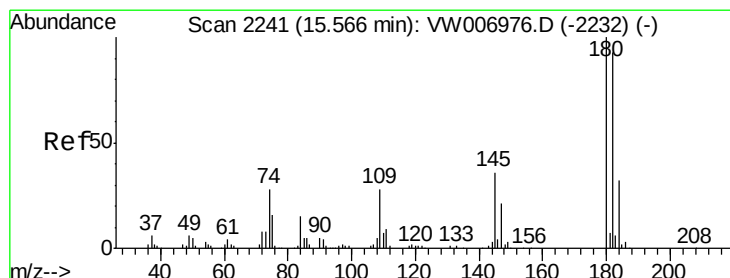
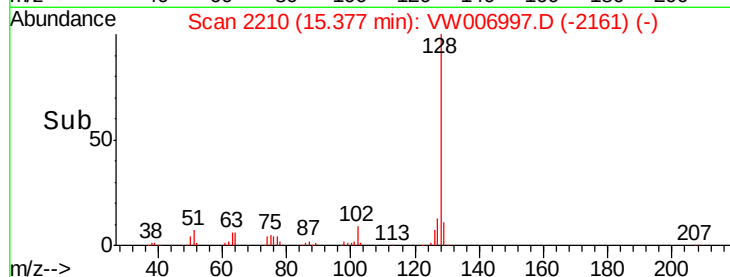
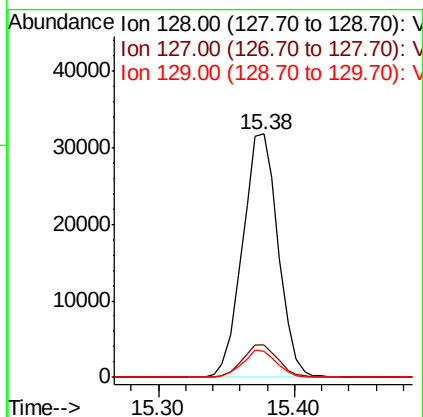
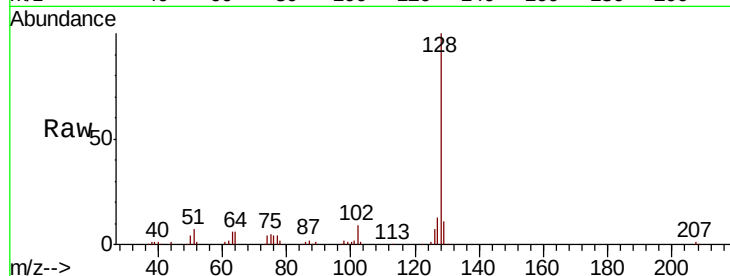
#95
Naphthalene
Concen: 19.805 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

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11/26/2018 12:19:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.661 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.0	141.2
145	35.1	18.0	54.0

