

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006849.D
 Acq On : 13 Nov 2018 13:05
 Operator : SY/AP
 Sample : VW1113SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Manual Integrations
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 11/14/2018 12:48:42 PM

Quant Time: Nov 13 15:41:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	351593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	459860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	251223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118156	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	7.89	113	126773	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
50) Toluene-d8	10.33	98	517480	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.62	95	195639	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	63517	21.883	ug/l	100
3) Chloromethane	2.21	50	69209	21.150	ug/l	99
4) Vinyl Chloride	2.36	62	73426	20.903	ug/l	100
5) Bromomethane	2.78	94	51538	21.809	ug/l	100
6) Chloroethane	2.92	64	45590	20.113	ug/l	99
7) Trichlorofluoromethane	3.26	101	100034	21.574	ug/l	95
8) Diethyl Ether	3.69	74	29454	21.648	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	67344	21.420	ug/l	98
10) Methyl Iodide	4.28	142	75891	17.223	ug/l	100
11) Tert butyl alcohol	5.21	59	16891	100.115	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	56273	21.189	ug/l	96
13) Acrolein	3.90	56	17880	101.328	ug/l	98
14) Allyl chloride	4.68	41	71323	20.419	ug/l	98
15) Acrylonitrile	5.38	53	48913	94.927	ug/l	99
16) Acetone	4.15	43	34243	92.768	ug/l	95
17) Carbon Disulfide	4.39	76	163041	19.413	ug/l	99
18) Methyl Acetate	4.69	43	23143	18.329	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	134291	21.299	ug/l	100
20) Methylene Chloride	4.92	84	70067	17.468	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	65012	20.757	ug/l	97
22) Diisopropyl ether	6.32	45	150110	20.693	ug/l	98
23) Vinyl Acetate	6.26	43	421604	103.093	ug/l	98
24) 1,1-Dichloroethane	6.22	63	98469	20.467	ug/l	98
25) 2-Butanone	7.18	43	59678	95.600	ug/l	97
26) 2,2-Dichloropropane	7.17	77	103483	21.377	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	69560	20.832	ug/l	100
28) Bromochloromethane	7.52	49	33441	19.871	ug/l	98
29) Tetrahydrofuran	7.54	42	37855	94.757	ug/l	99
30) Chloroform	7.68	83	107517	20.467	ug/l	99
31) Cyclohexane	7.96	56	106482	21.622	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	110813	21.854	ug/l	99
36) 1,1-Dichloropropene	8.09	75	95051	22.087	ug/l	99
37) Ethyl Acetate	7.26	43	28524	20.270	ug/l	98
38) Carbon Tetrachloride	8.07	117	102569	21.929	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	116539	20.873	ug/l	98
40) Benzene	8.33	78	249378	20.840	ug/l	98
41) Methacrylonitrile	7.49	41	15304	17.712	ug/l #	89
42) 1,2-Dichloroethane	8.41	62	67149	20.945	ug/l	100
43) Isopropyl Acetate	8.43	43	53757	19.643	ug/l	99
44) Trichloroethene	9.09	130	81634	21.620	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58565	20.999	ug/l	98
46) Dibromomethane	9.46	93	31402	20.227	ug/l	99
47) Bromodichloromethane	9.65	83	82321	21.379	ug/l	97
48) Methyl methacrylate	9.44	41	24444	18.218	ug/l	98
49) 1,4-Dioxane	9.48	88	8947	381.458	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	128528	93.660	ug/l	100
52) Toluene	10.39	92	174496	20.569	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	76475	20.174	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	94187	20.953	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	47131	20.459	ug/l	96
56) Ethyl methacrylate	10.65	69	50043	19.821	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74579	20.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	129147	102.136	ug/l	100
59) 2-Hexanone	10.98	43	89907	94.984	ug/l	98
60) Dibromochloromethane	11.13	129	56912	20.190	ug/l	98
61) 1,2-Dibromoethane	11.24	107	45222	20.669	ug/l	99
64) Tetrachloroethene	10.87	164	72763	20.628	ug/l	98
65) Chlorobenzene	11.66	112	202059	20.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	64648	20.402	ug/l	99
67) Ethyl Benzene	11.74	91	354801	21.313	ug/l	100
68) m/p-Xylenes	11.85	106	289135	42.449	ug/l	99
69) o-Xylene	12.17	106	134765	21.259	ug/l	98
70) Styrene	12.18	104	212384	20.932	ug/l	99
71) Bromoform	12.35	173	33046	19.110	ug/l #	99
73) Isopropylbenzene	12.47	105	372457	21.359	ug/l	99
74) N-amyl acetate	12.28	43	52076	19.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	46177	19.142	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35645m	19.688	ug/l	
77) Bromobenzene	12.75	156	91191	20.742	ug/l	97
78) n-propylbenzene	12.81	91	437020	21.234	ug/l	100
79) 2-Chlorotoluene	12.90	91	244541	21.178	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	321421	21.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13661	18.664	ug/l	99
82) 4-Chlorotoluene	12.99	91	259429	21.057	ug/l	100
83) tert-Butylbenzene	13.21	119	281187	21.220	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	321383	21.066	ug/l	99
85) sec-Butylbenzene	13.39	105	398453	21.220	ug/l	100
86) p-Isopropyltoluene	13.51	119	363606	21.289	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	186462	20.809	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	185170	20.887	ug/l	99
89) n-Butylbenzene	13.83	91	328253	21.030	ug/l	100
90) Hexachloroethane	14.10	117	54610	19.982	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	163606	20.966	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6970	18.047	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	120553	20.462	ug/l	98
94) Hexachlorobutadiene	15.24	225	80032	21.438	ug/l	100
95) Naphthalene	15.38	128	175364	19.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	100827	19.943	ug/l	99

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

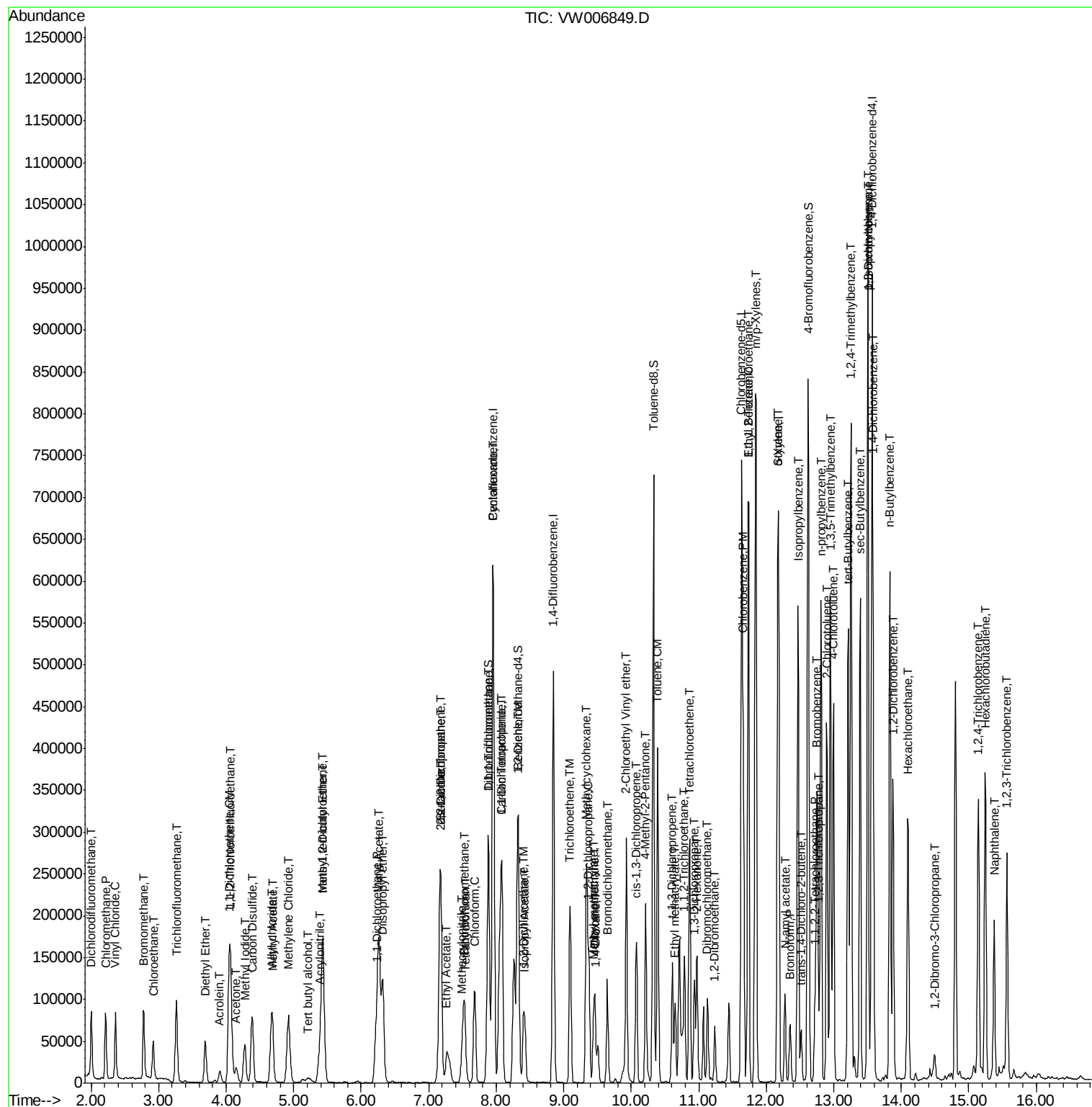
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
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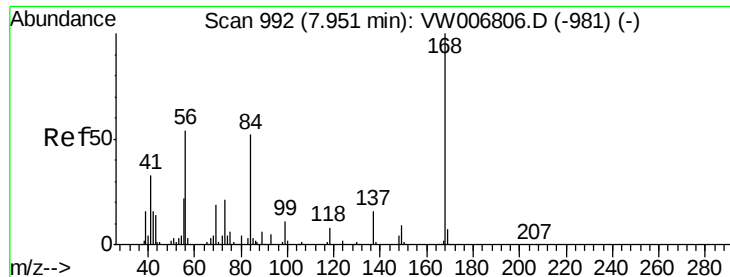
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion:168 Resp: 351593

Ion Ratio Lower Upper

168 100

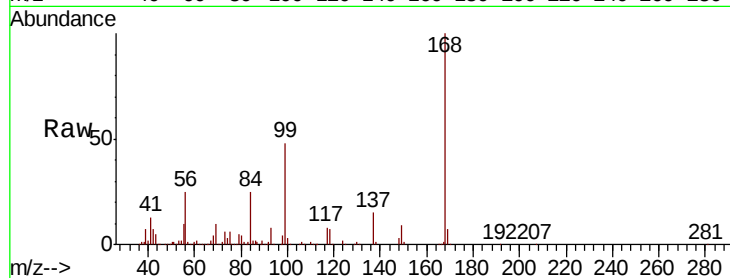
99 47.5 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

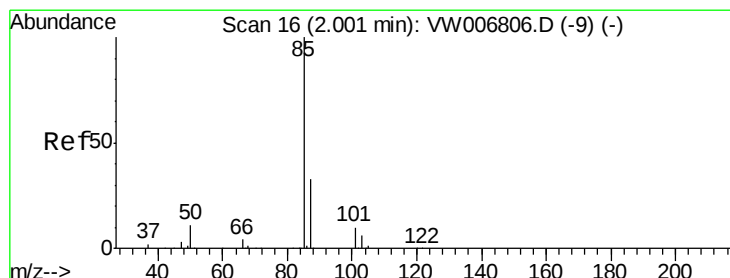
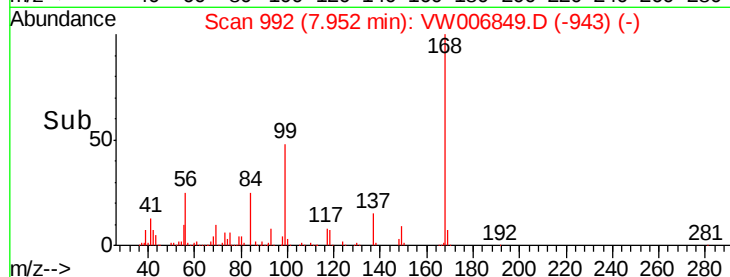
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.883 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006849.D

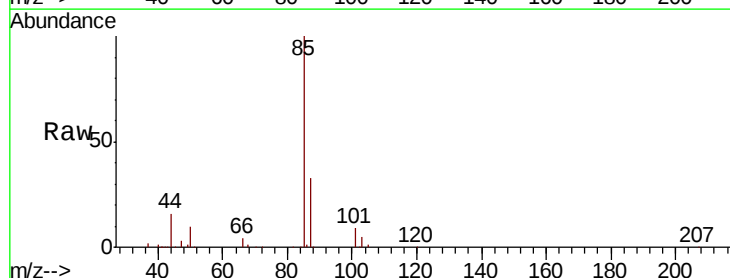
Acq: 13 Nov 2018 13:05

Tgt Ion: 85 Resp: 63517

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

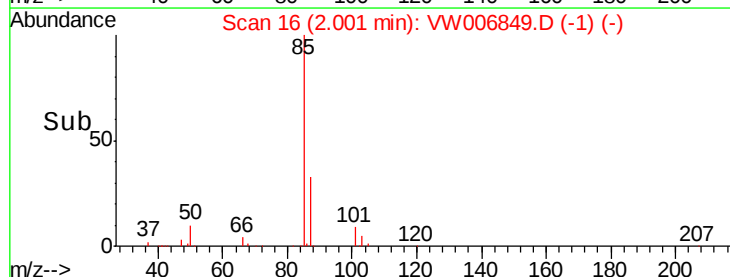
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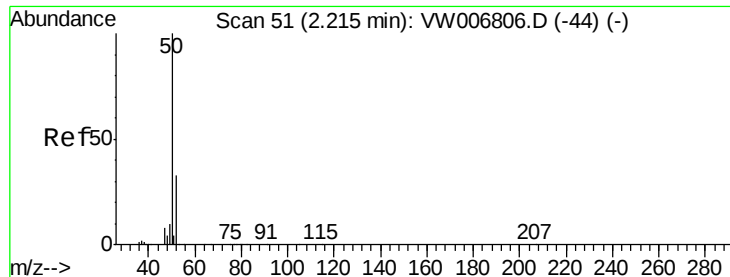
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Time-->





#3

Chloromethane

Concen: 21.150 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 50 Resp: 69209

Ion Ratio Lower Upper

50 100

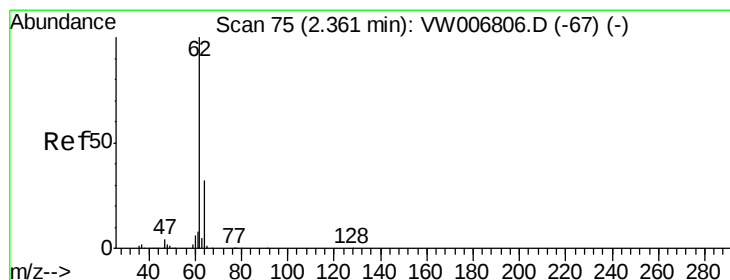
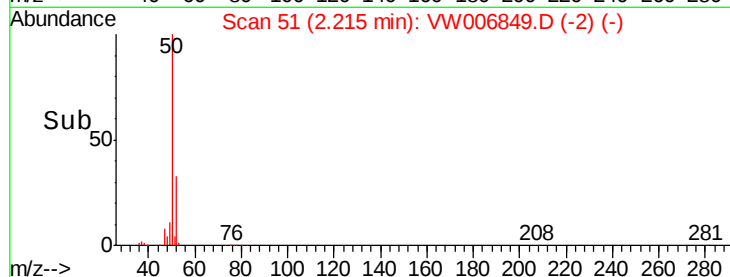
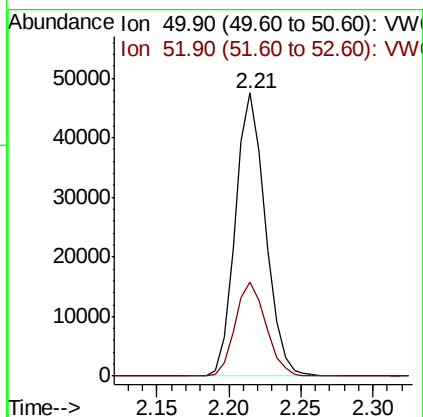
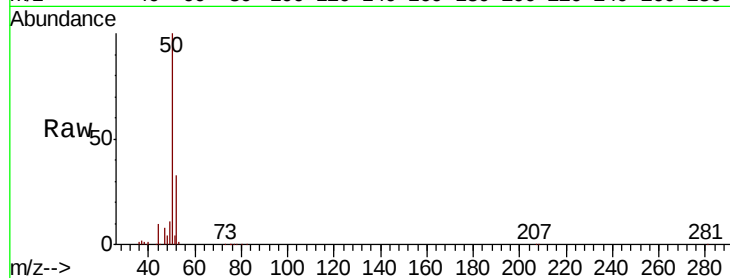
52 33.3 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.903 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006849.D

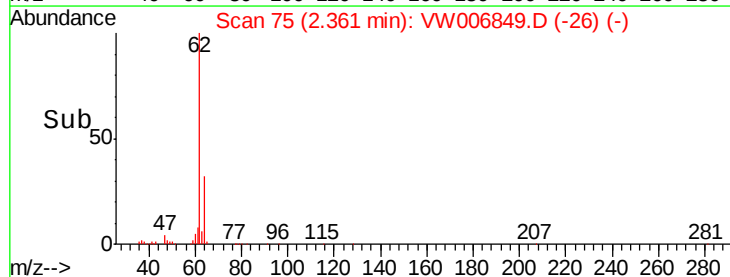
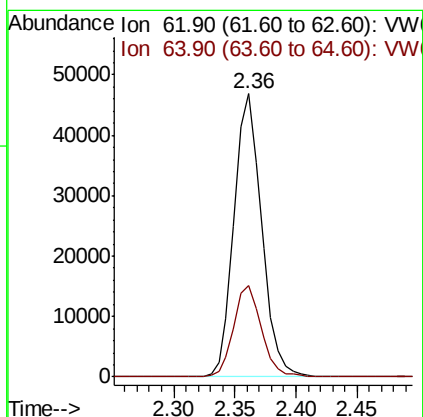
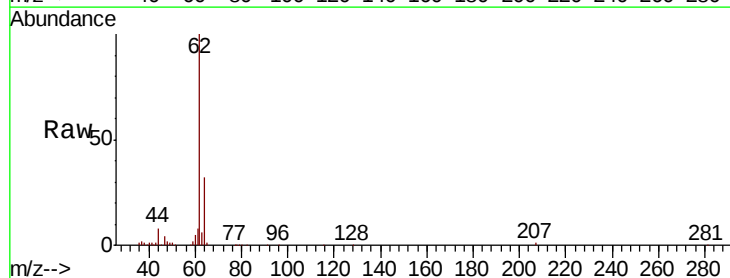
Acq: 13 Nov 2018 13:05

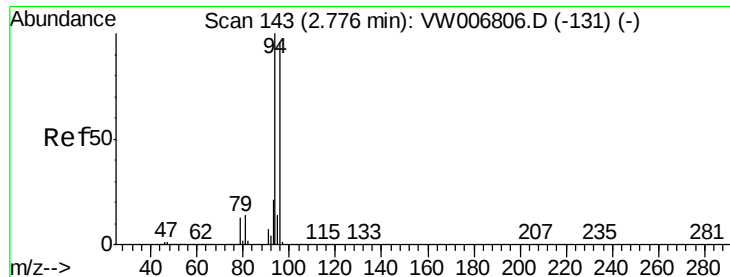
Tgt Ion: 62 Resp: 73426

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 21.809 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 94 Resp: 51538

Ion Ratio Lower Upper

94 100

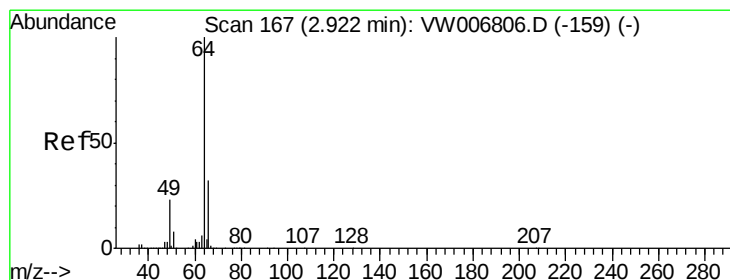
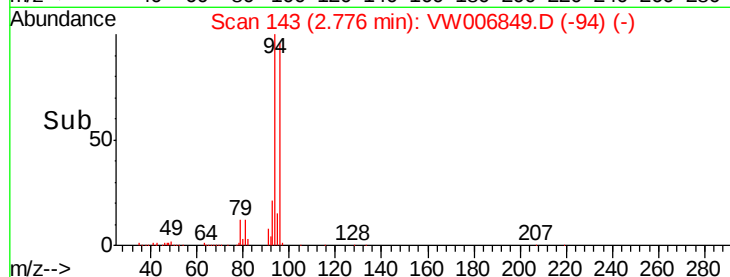
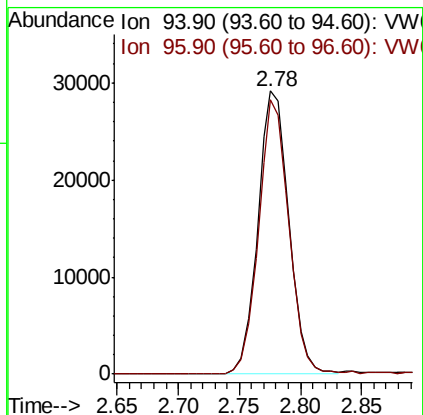
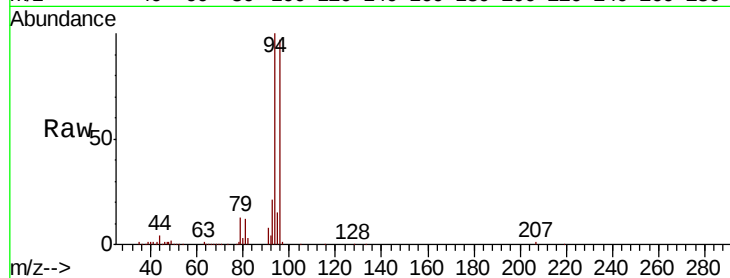
96 96.5 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 20.113 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006849.D

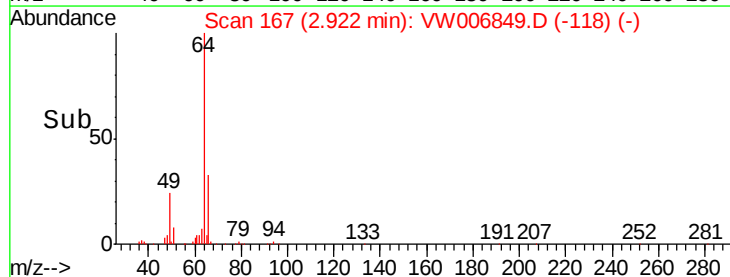
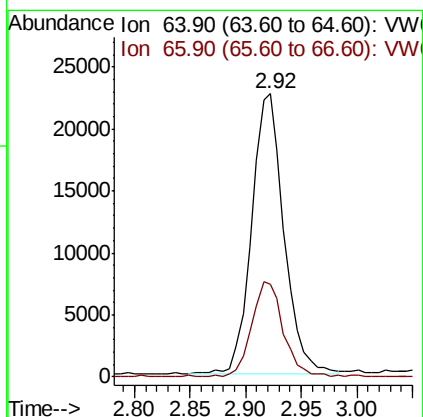
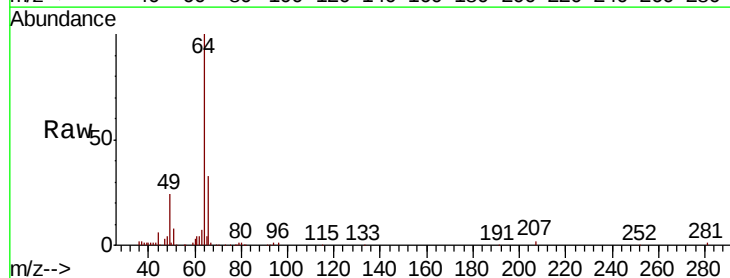
Acq: 13 Nov 2018 13:05

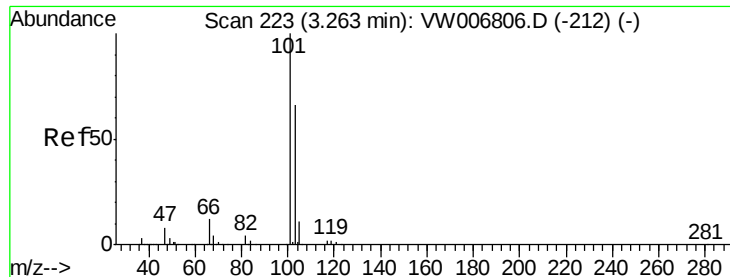
Tgt Ion: 64 Resp: 45590

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3





#7

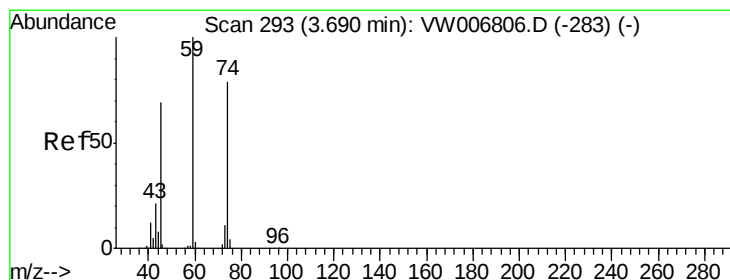
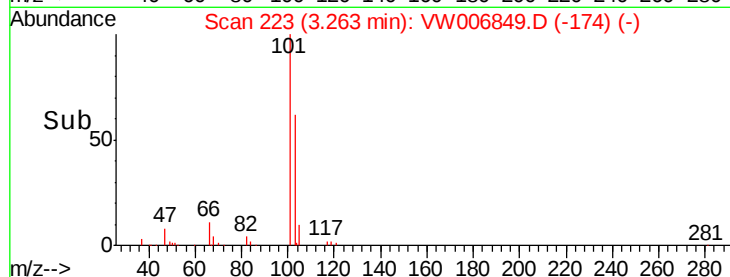
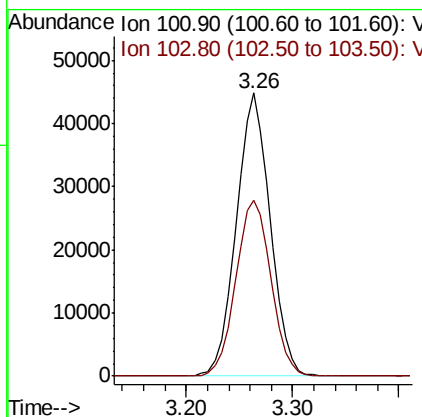
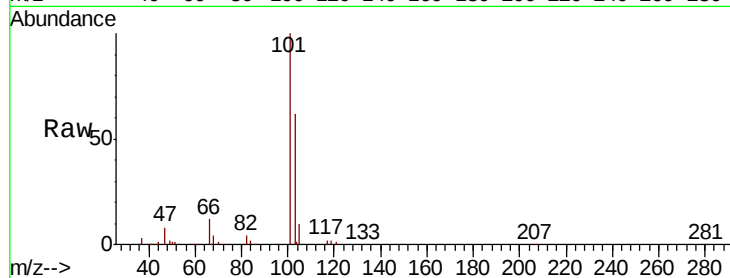
Trichlorofluoromethane
 Concen: 21.574 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	52.6	79.0

Manual Integrations
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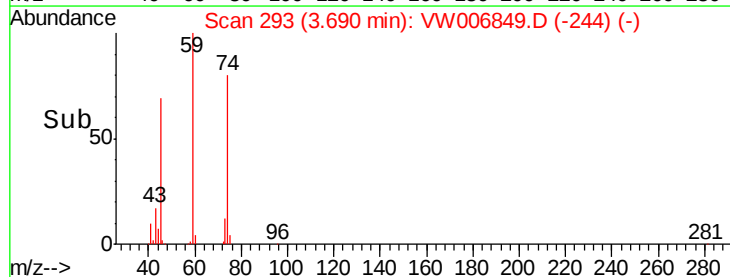
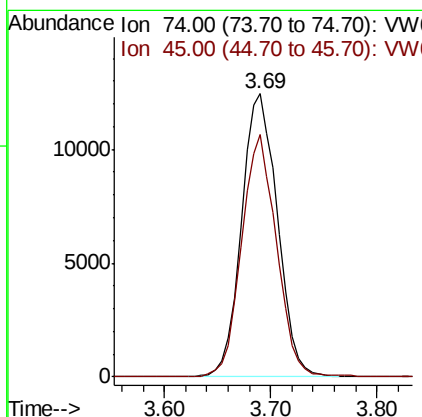
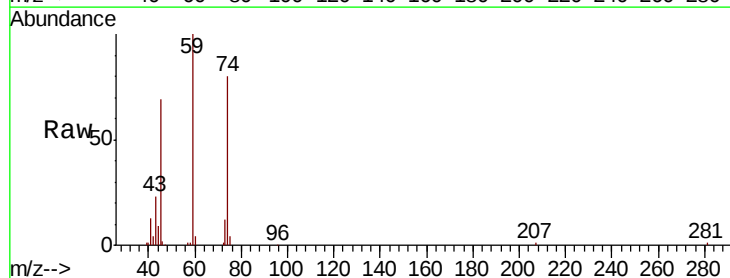
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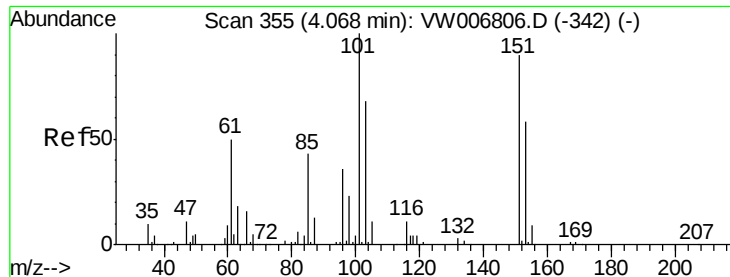


#8

Diethyl Ether
 Concen: 21.648 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.3	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.420 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

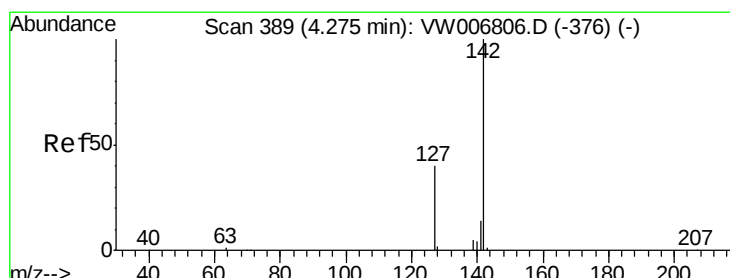
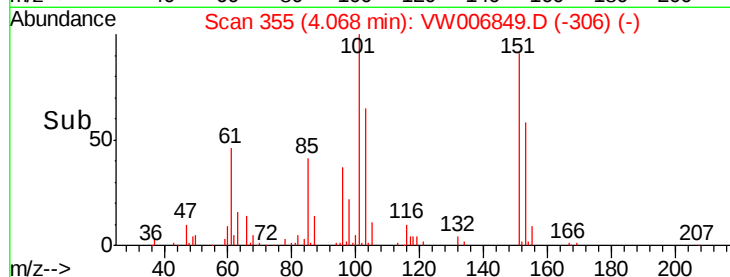
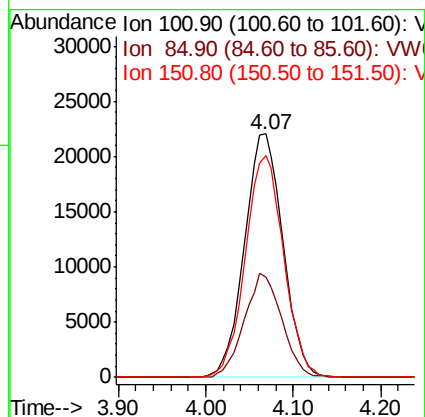
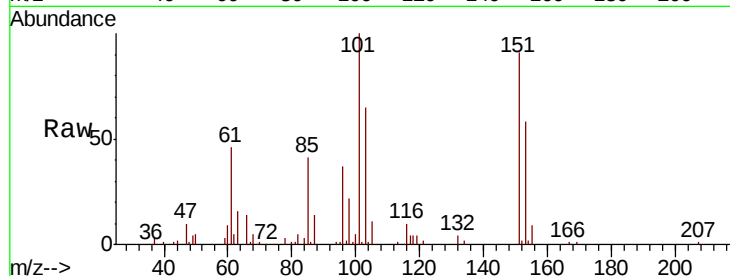
ClientSampleId :

VW1113SBS01

Tot Ion:	101	Resp:	67344
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.8	50.8
151	90.9	71.4	107.0

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#10

Methyl Iodide

Concen: 17.223 ug/l

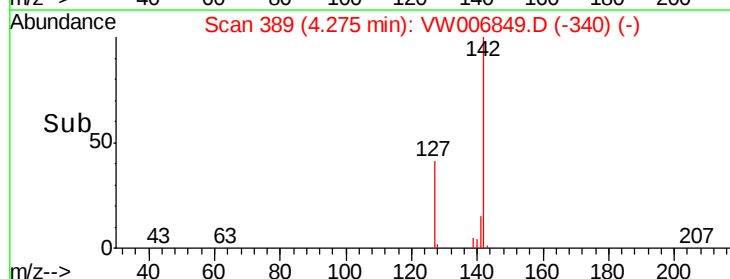
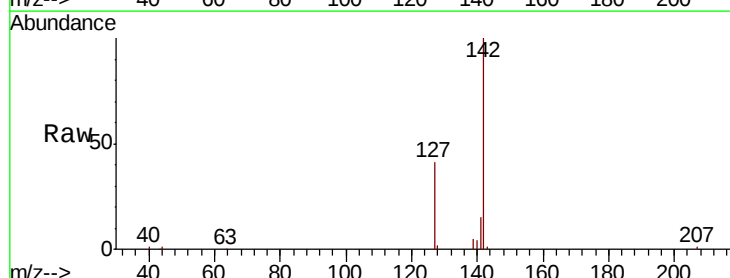
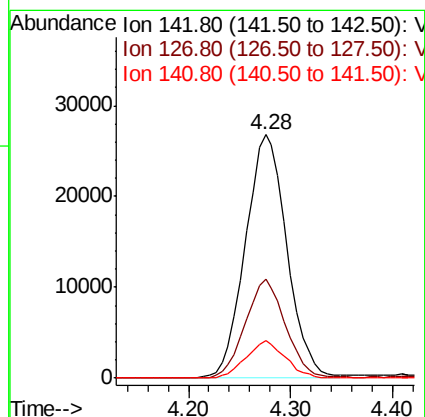
RT: 4.28 min Scan# 389

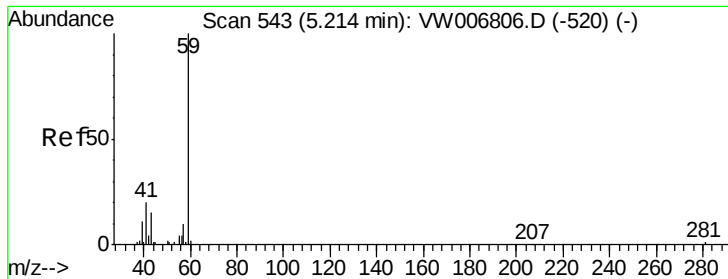
Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Tgt Ion:	142	Resp:	75891
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.8	47.8
141	14.7	11.5	17.3





#11

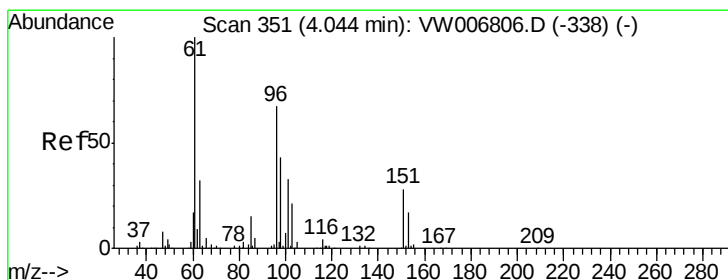
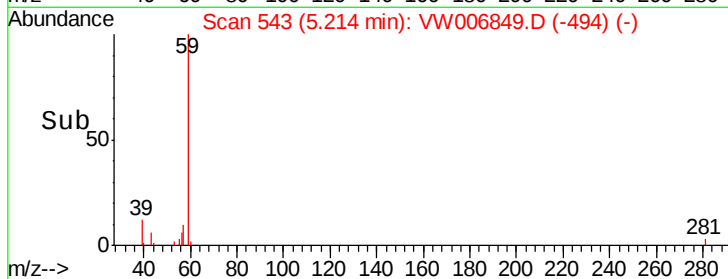
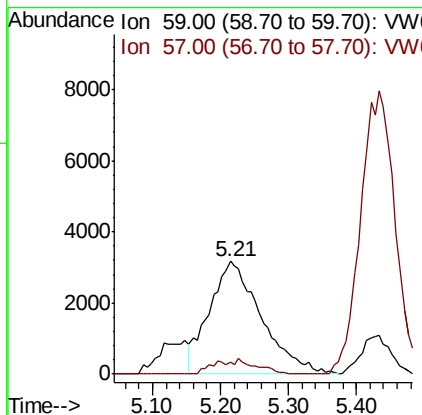
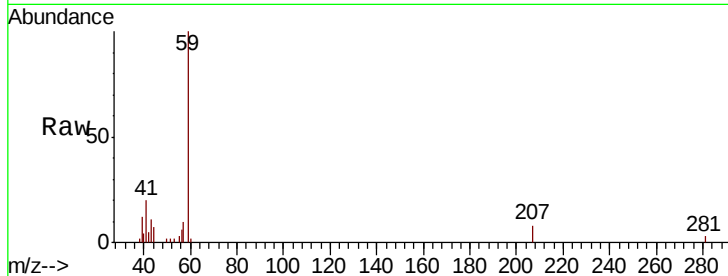
Tert butyl alcohol
 Concen: 100.115 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.3	12.5#

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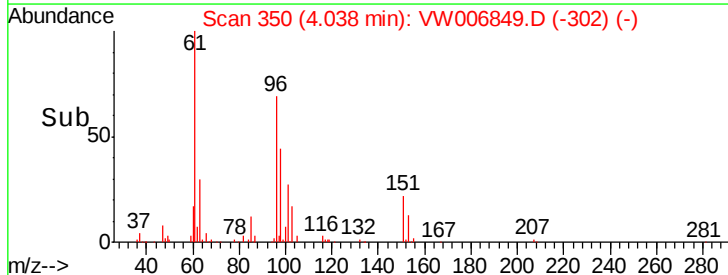
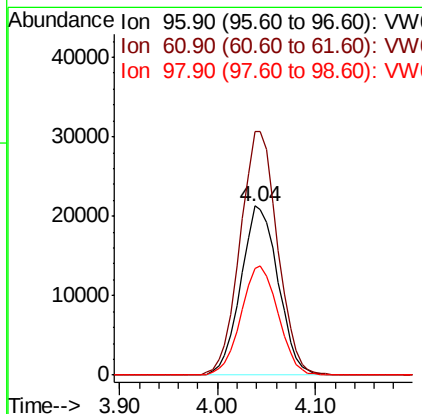
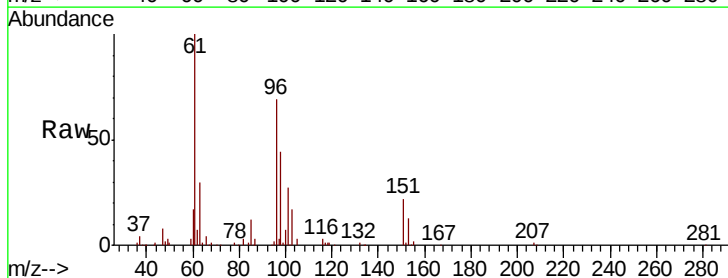
apatel
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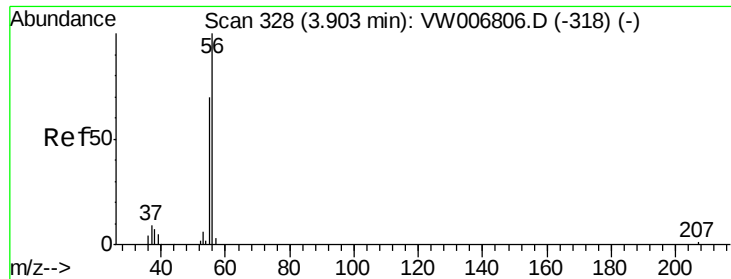


#12

1,1-Dichloroethene
 Concen: 21.189 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.0	119.8	179.6
98	62.8	51.5	77.3





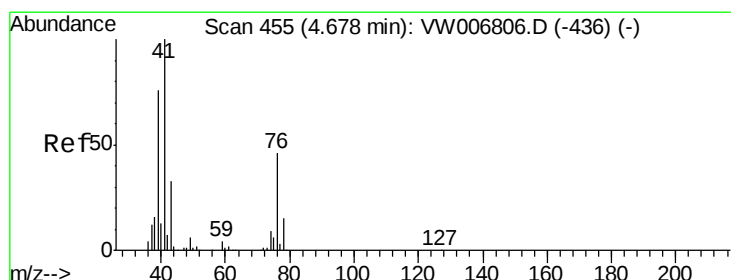
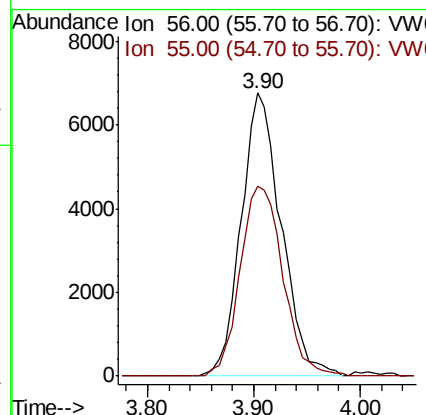
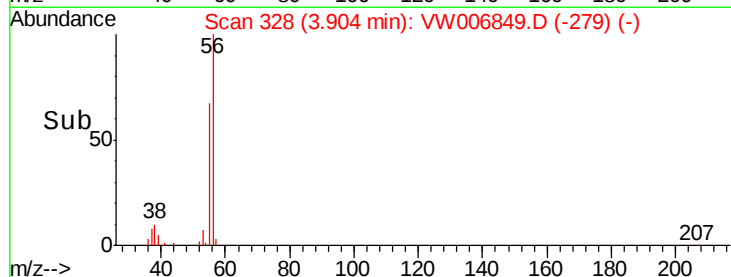
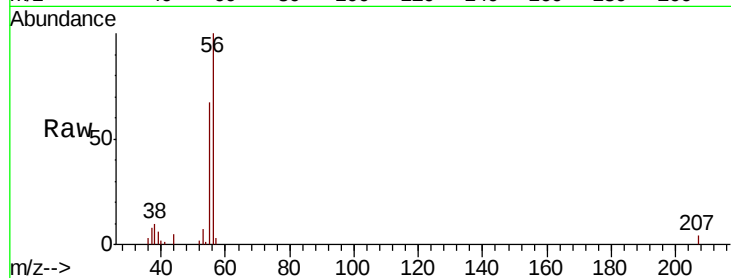
#13
Acrolein
Concen: 101.328 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	56	55	Ratio	Lower	Upper
17880	100	71.4		56.1	84.1

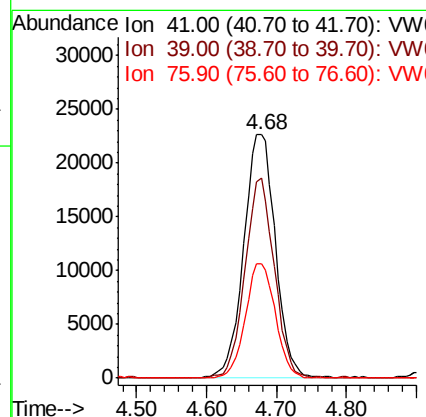
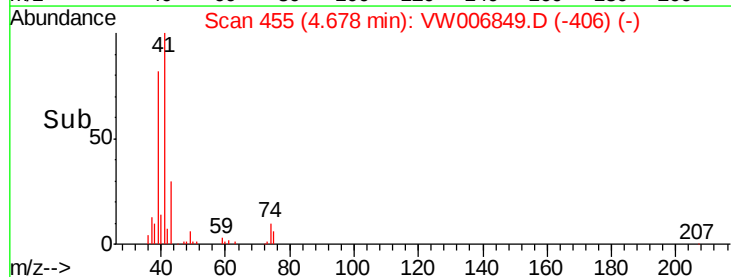
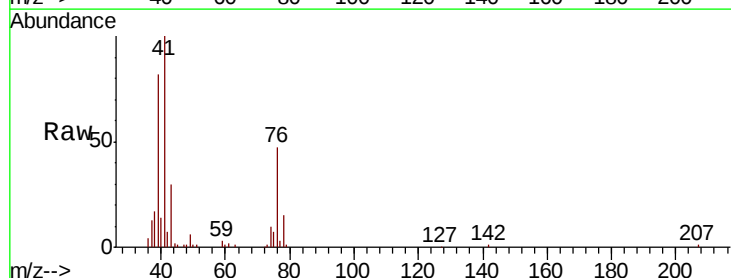
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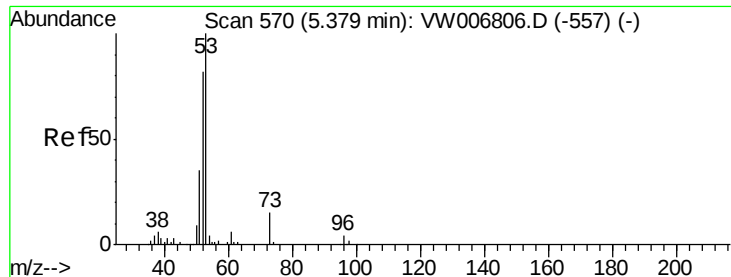
apatel
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#14
Allyl chloride
Concen: 20.419 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	41	39	76	Ratio	Lower	Upper
71323	100	75.6	44.2		58.9	88.3





#15

Acrylonitrile

Concen: 94.927 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

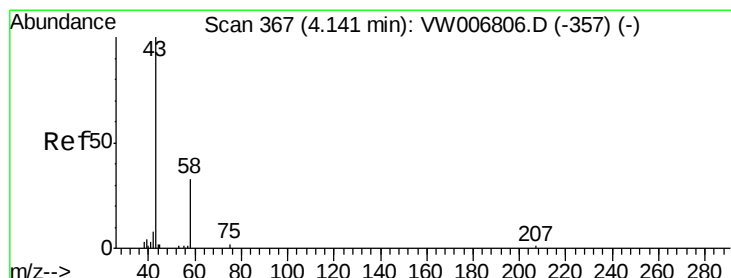
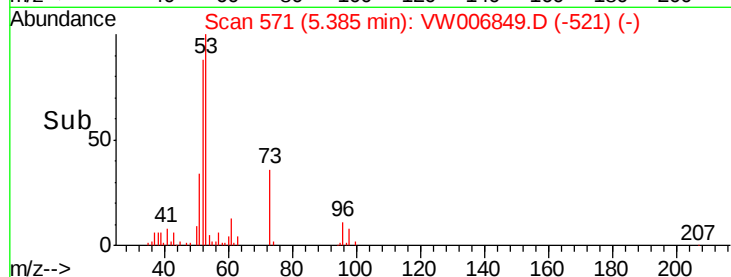
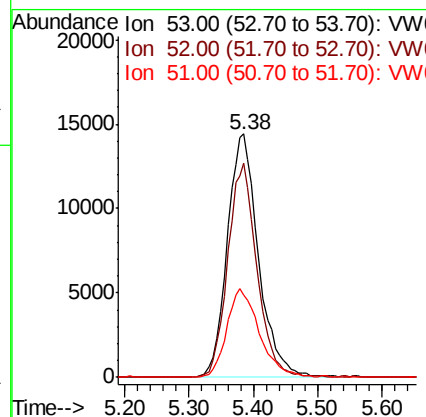
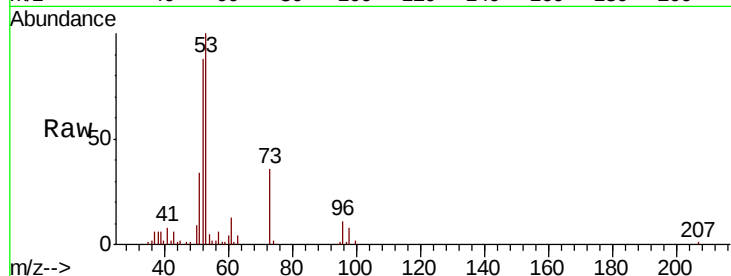
ClientSampleId :

VW1113SBS01

Tot Ion:	53	Resp:	48913
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.2	97.8
51	38.0	30.0	45.0

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#16

Acetone

Concen: 92.768 ug/l

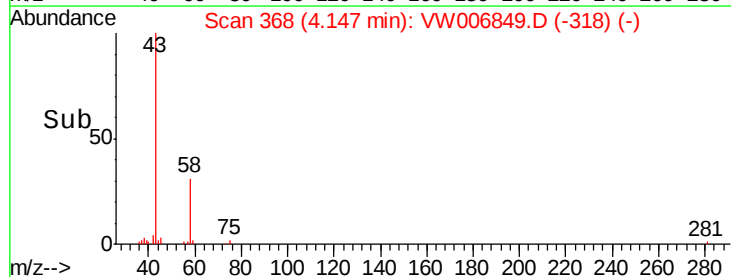
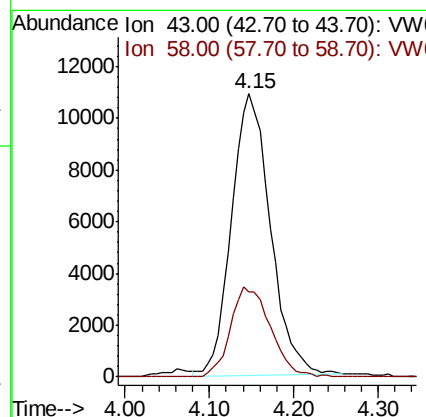
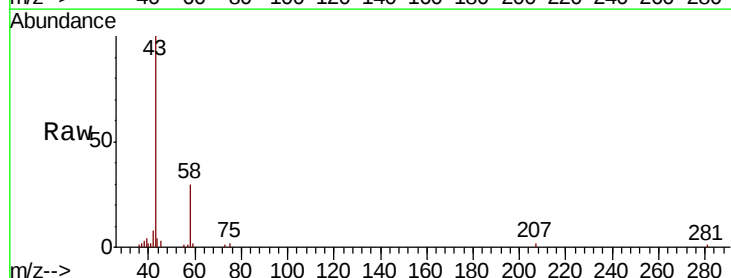
RT: 4.15 min Scan# 368

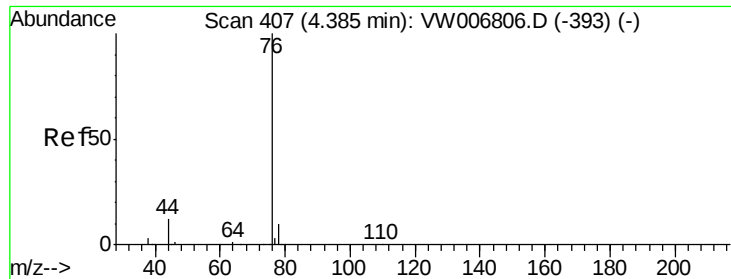
Delta R.T. 0.01 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Tgt Ion:	43	Resp:	34243
Ion Ratio	Lower	Upper	
43	100		
58	30.5	26.5	39.7





#17

Carbon Disulfide

Concen: 19.413 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 76 Resp: 163041

Ion Ratio Lower Upper

76 100

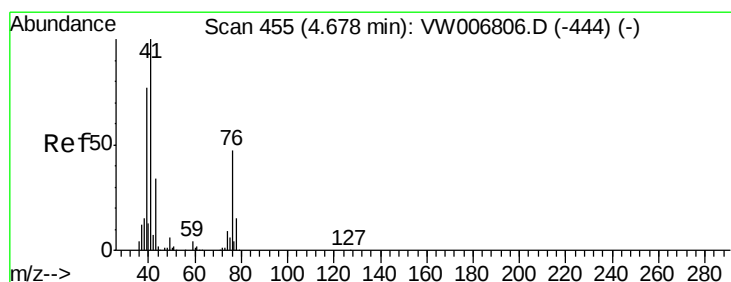
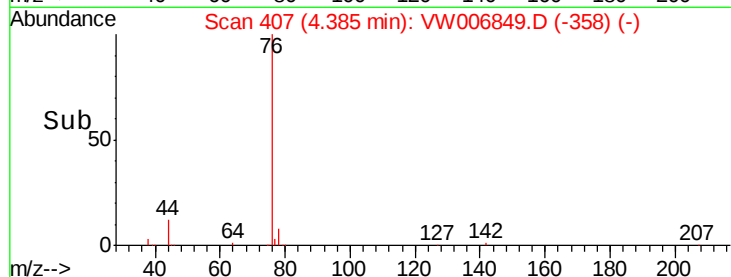
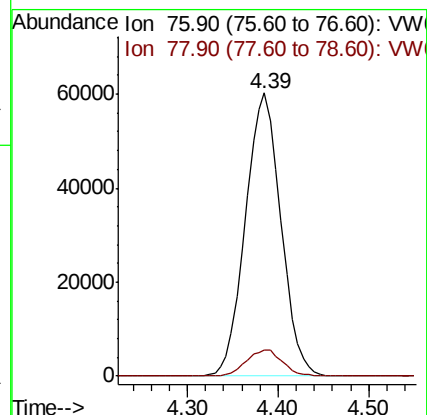
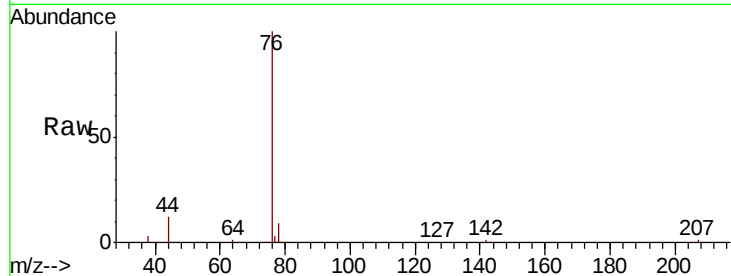
78 9.3 7.6 11.4

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#18

Methyl Acetate

Concen: 18.329 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006849.D

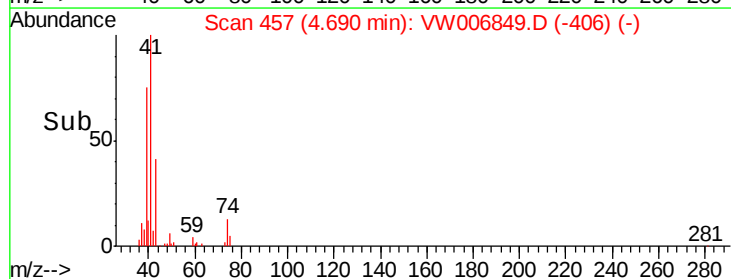
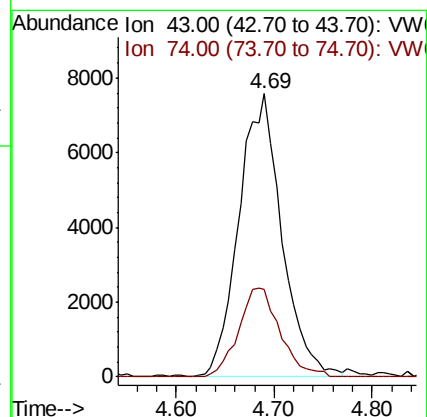
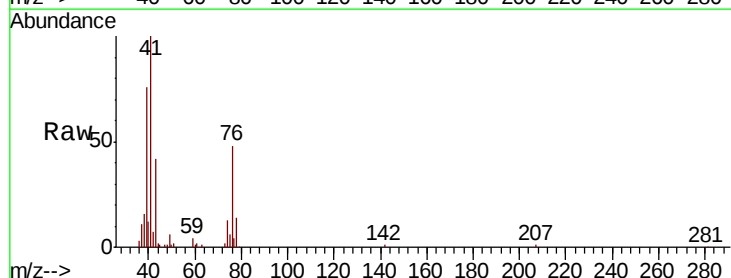
Acq: 13 Nov 2018 13:05

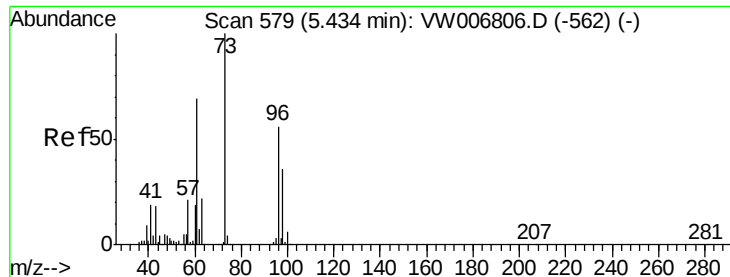
Tgt Ion: 43 Resp: 23143

Ion Ratio Lower Upper

43 100

74 30.3 21.9 32.9





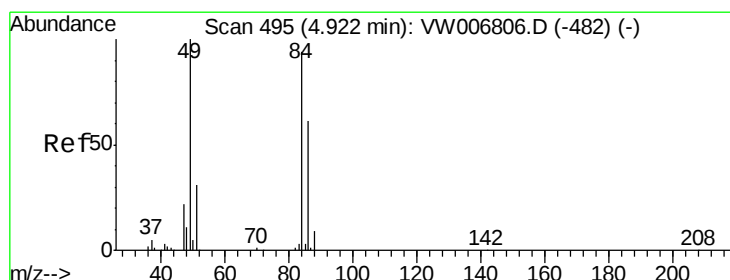
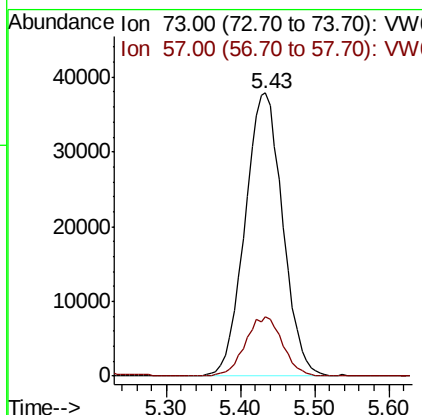
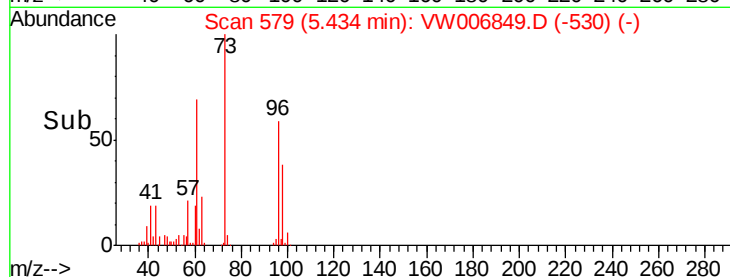
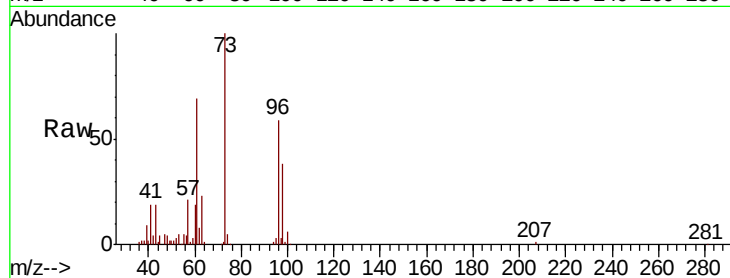
#19
Methvl tert-butvl Ether
Concen: 21.299 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.8	25.2

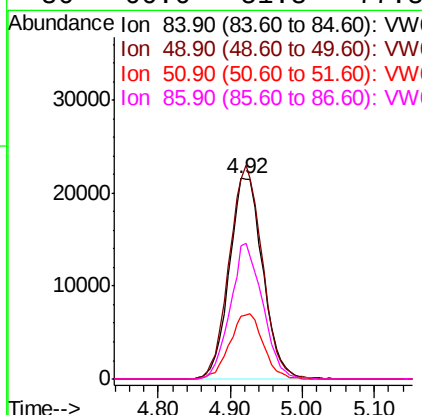
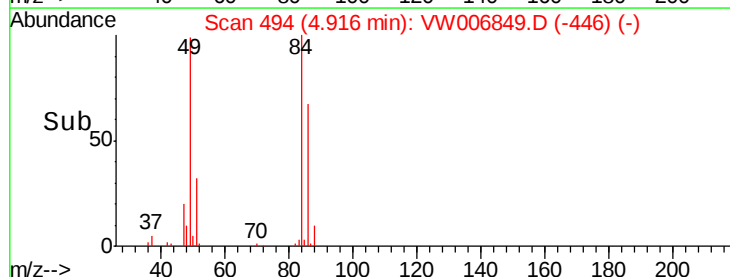
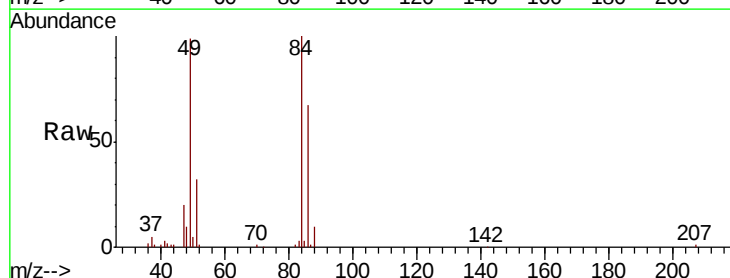
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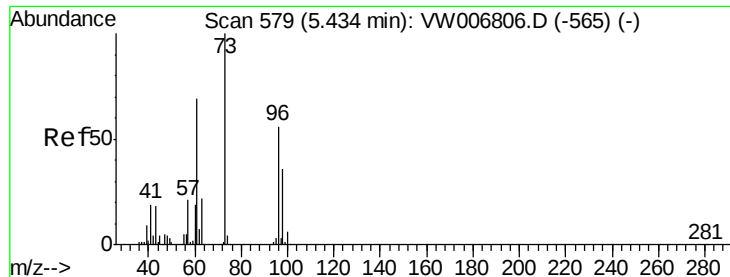
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#20
Methylene Chloride
Concen: 17.468 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	99.3	84.8	127.2
51	31.5	26.2	39.4
86	66.6	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 20.757 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

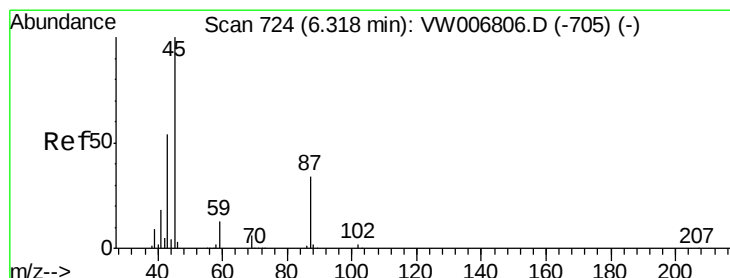
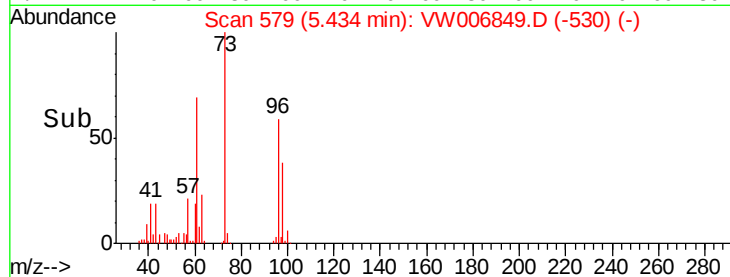
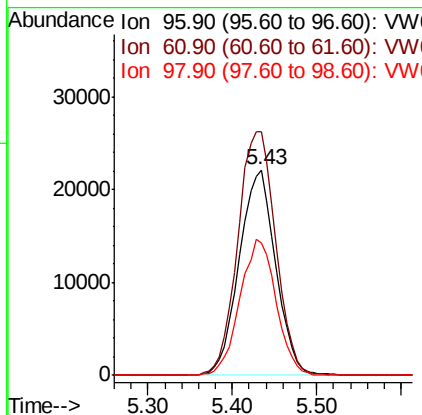
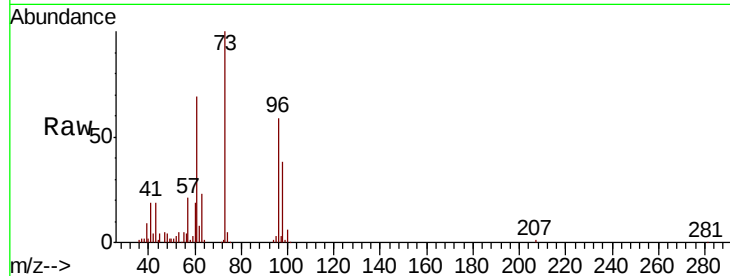
ClientSampleId :

VW1113SBS01

Tot Ion:	96	Resp:	65012
Ion	Ratio	Lower	Upper
96	100		
61	118.2	98.7	148.1
98	64.4	51.2	76.8

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#22

Diisopropyl ether

Concen: 20.693 ug/l

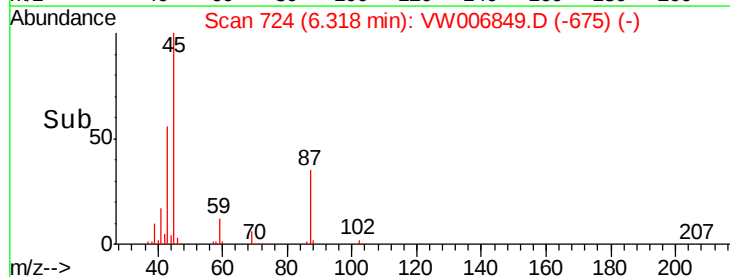
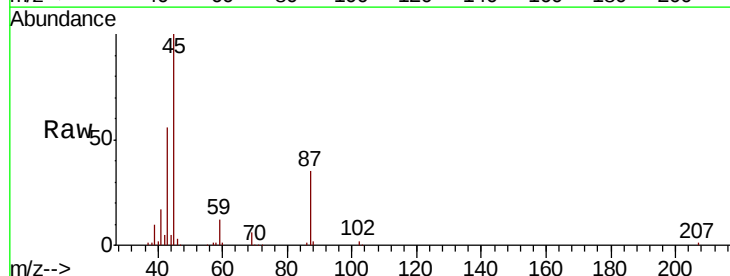
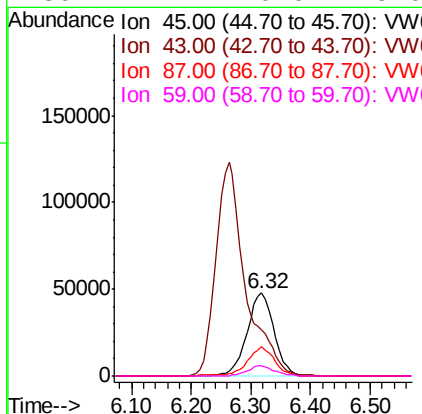
RT: 6.32 min Scan# 724

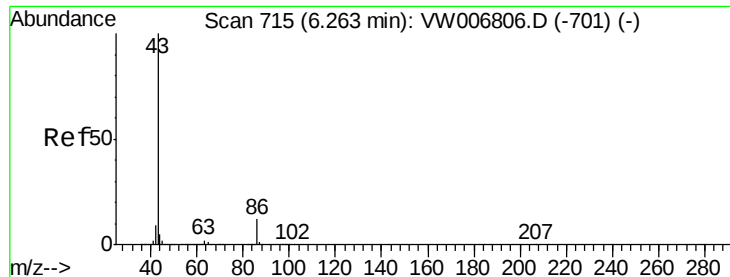
Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Tgt Ion:	45	Resp:	150110
Ion	Ratio	Lower	Upper
45	100		
43	55.9	43.7	65.5
87	34.9	27.2	40.8
59	12.4	10.0	15.0





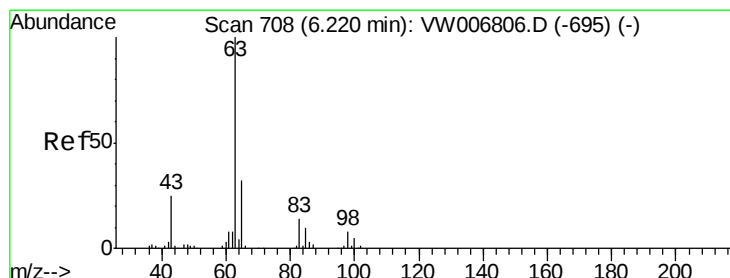
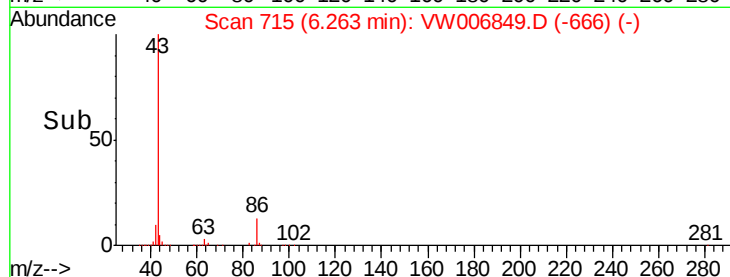
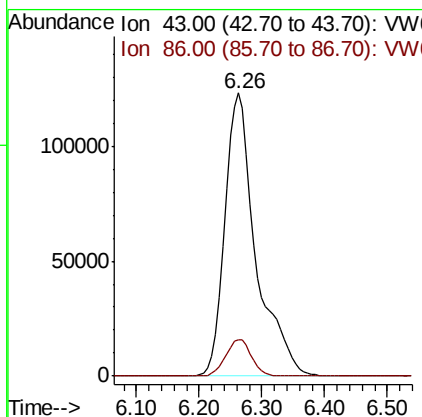
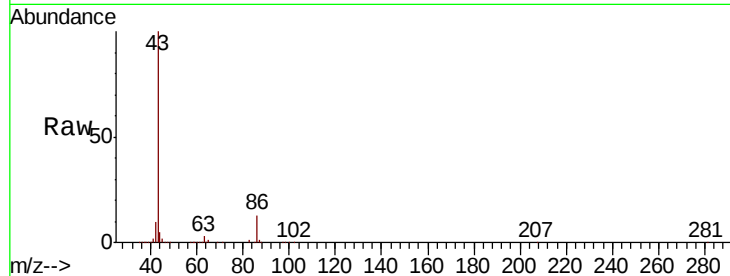
#23
 Vinyl Acetate
 Concen: 103.093 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	43	Resp	421604
Ion Ratio	100	Lower	Upper
43	100		
86	12.7	9.6	14.4

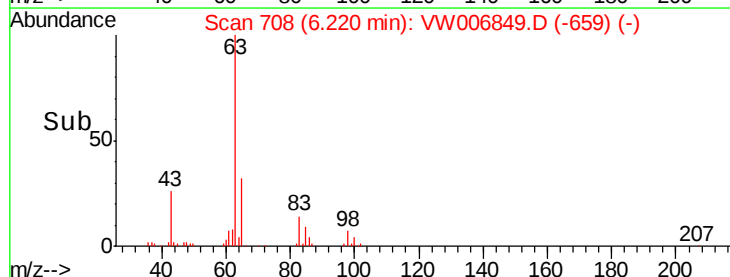
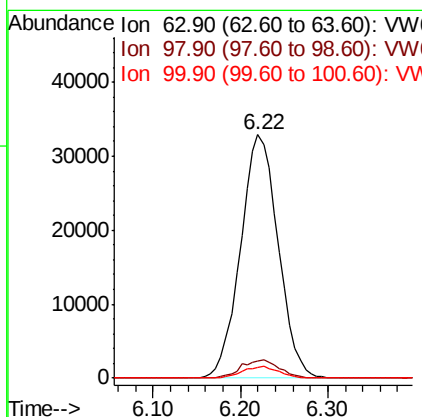
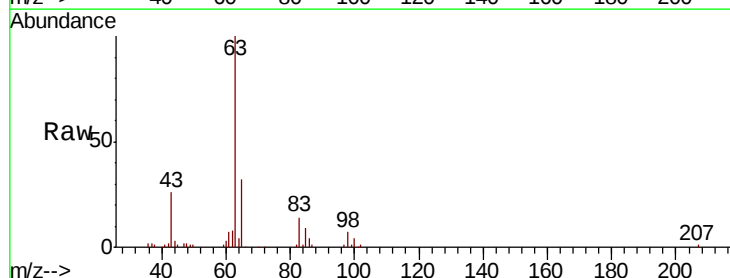
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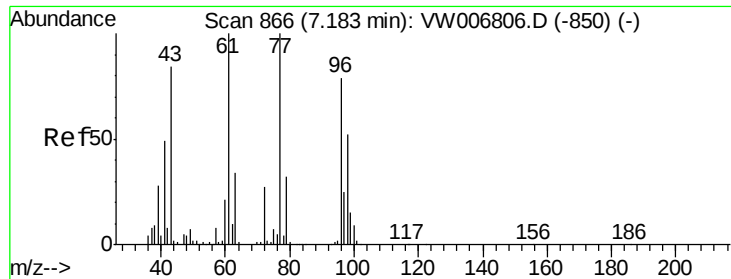
apatel
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#24
 1,1-Dichloroethane
 Concen: 20.467 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Tgt Ion	63	Resp	98469
Ion Ratio	100	Lower	Upper
63	100		
98	7.1	3.9	11.5
100	4.4	2.4	7.2





#25

2-Butanone

Concen: 95.600 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 43 Resp: 59678

Ion Ratio Lower Upper

43 100

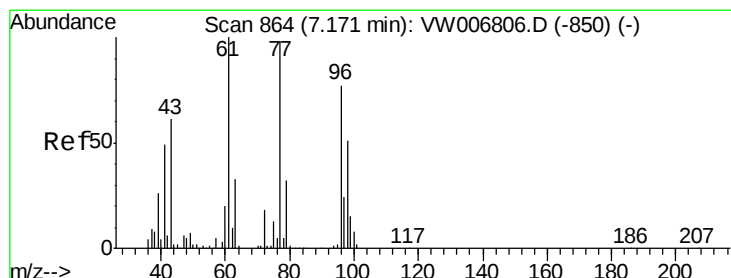
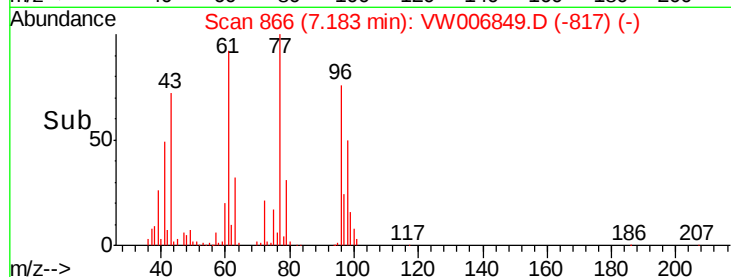
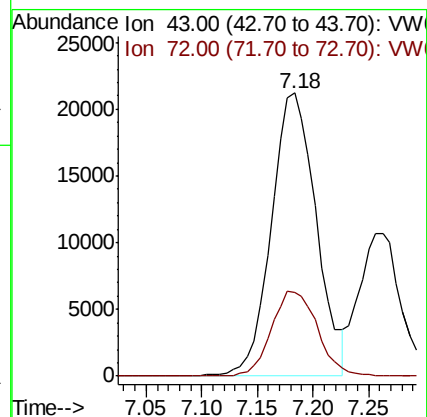
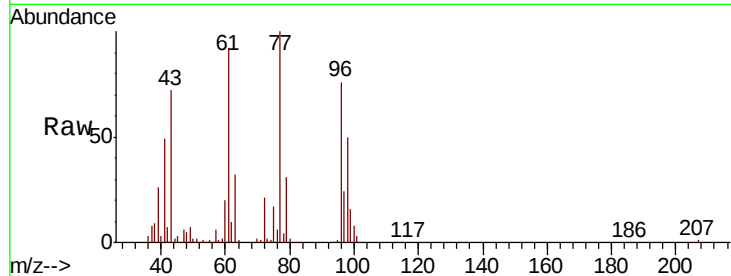
72 29.7 25.3 37.9

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#26

2,2-Dichloropropane

Concen: 21.377 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006849.D

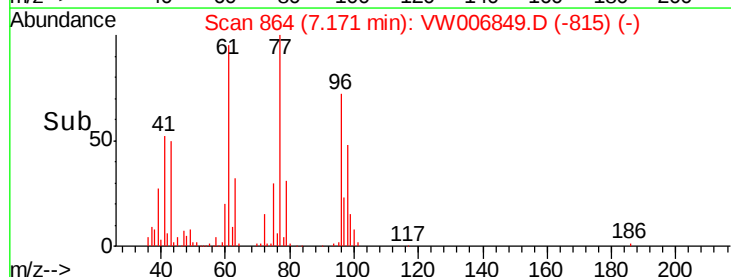
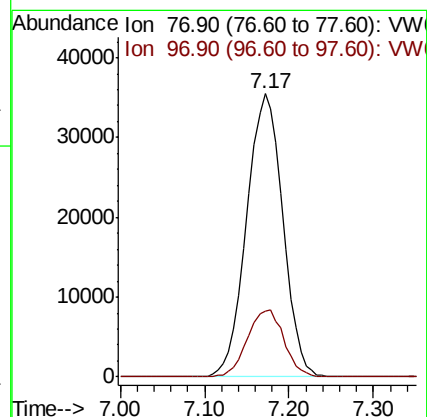
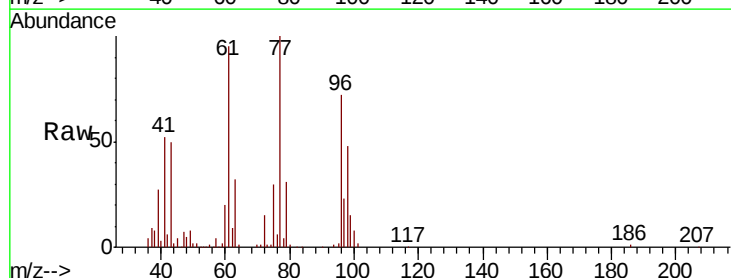
Acq: 13 Nov 2018 13:05

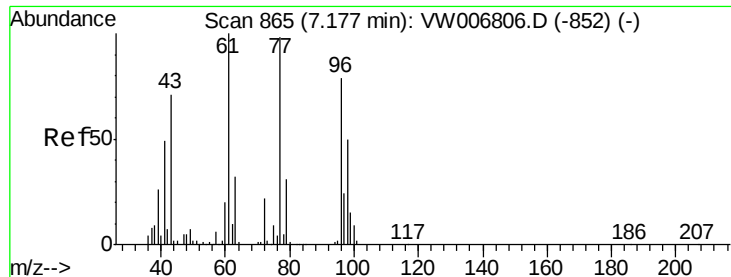
Tgt Ion: 77 Resp: 103483

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1





#27

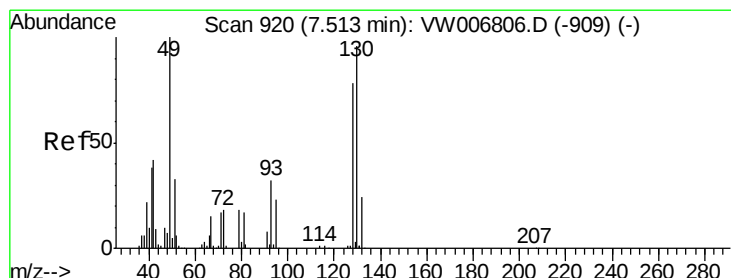
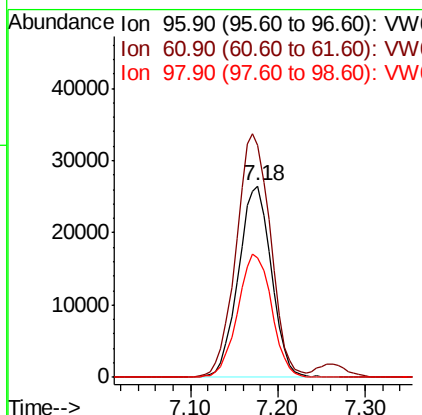
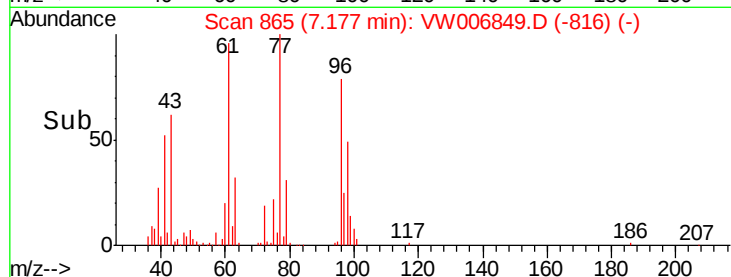
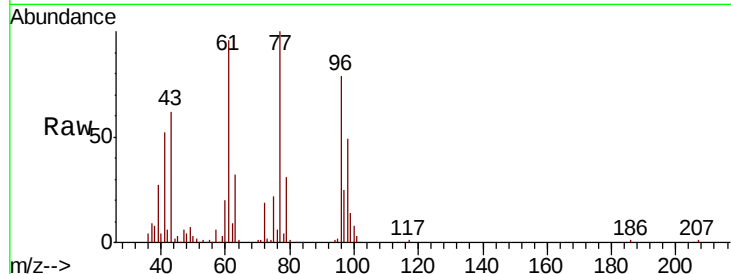
cis-1,2-Dichloroethene
Concen: 20.832 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69560		
61	132.4		0.0	264.0
98	66.0		0.0	131.0

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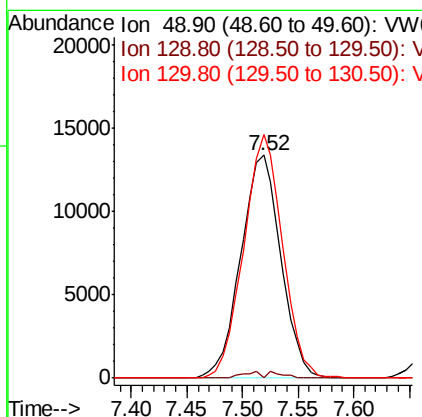
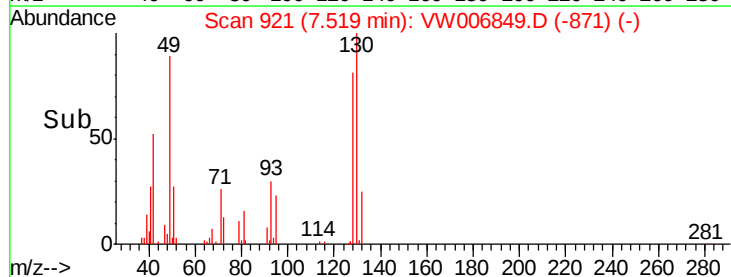
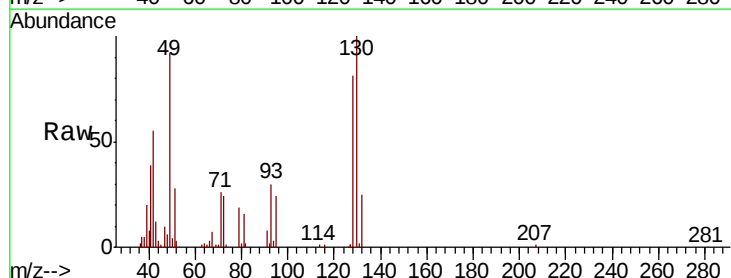
apatel
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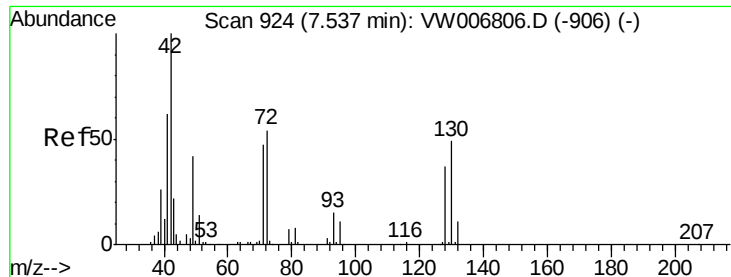


#28

Bromochloromethane
Concen: 19.871 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33441		
129	1.1		0.0	5.6
130	105.8		83.3	124.9





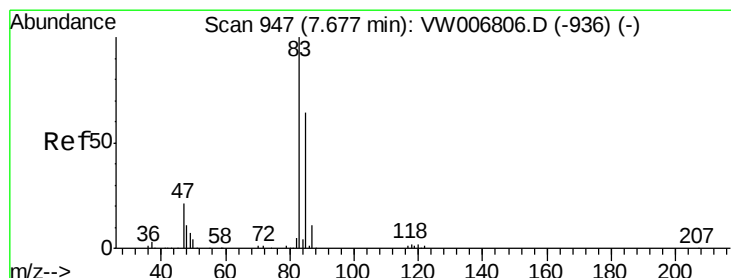
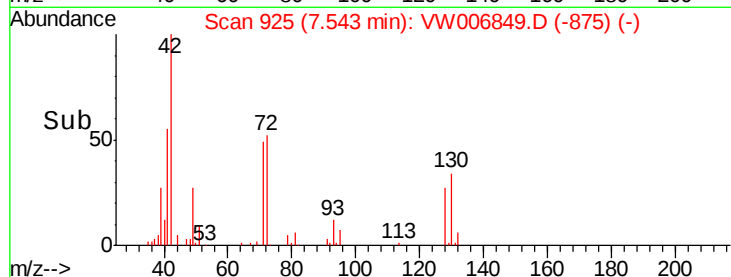
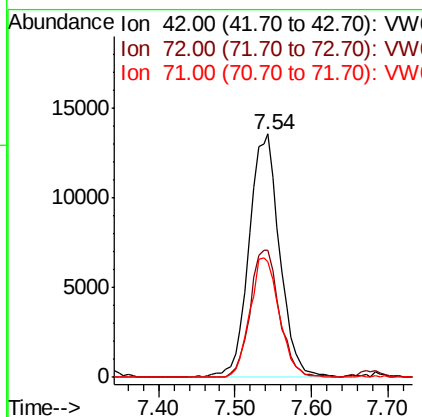
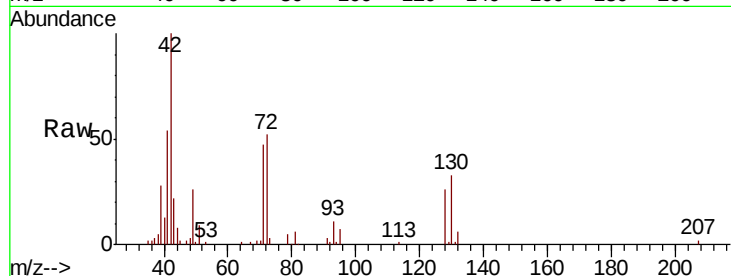
#29
Tetrahydrofuran
Concen: 94.757 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	40.9	61.3
71	47.0	36.9	55.3

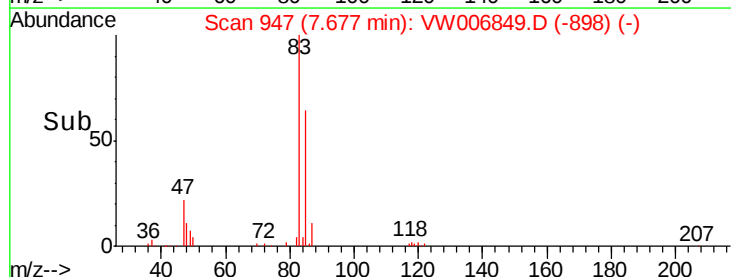
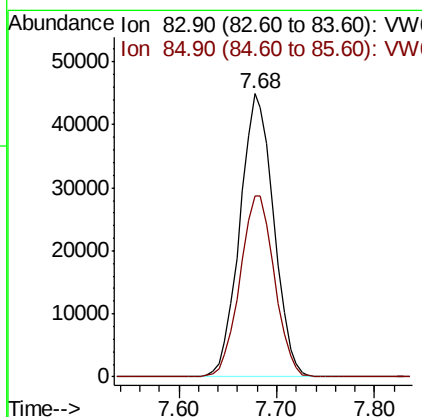
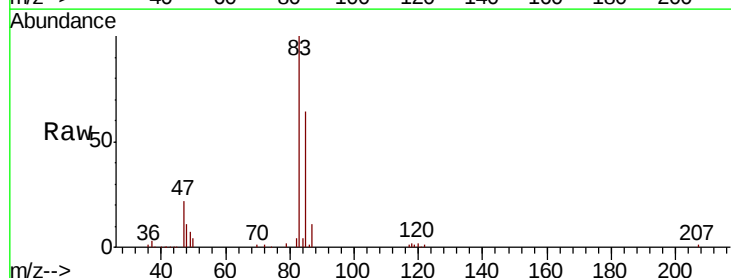
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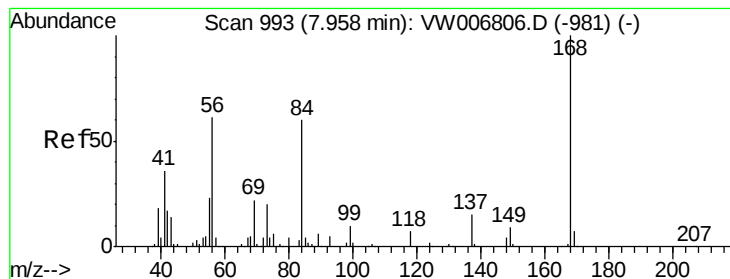
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#30
Chloroform
Concen: 20.467 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.5	77.3





#31

Cyclohexane

Concen: 21.622 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

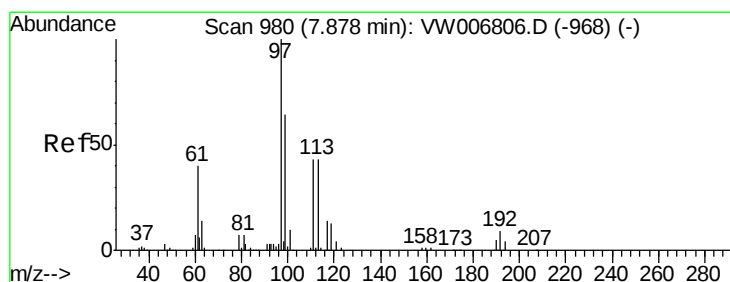
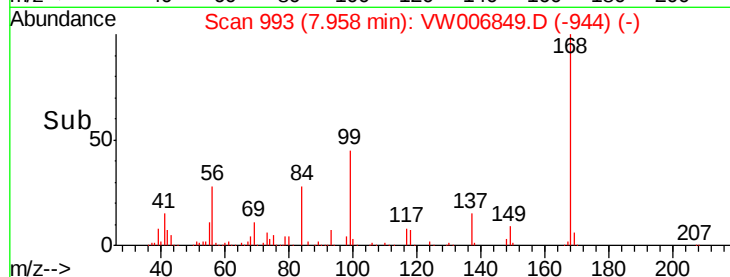
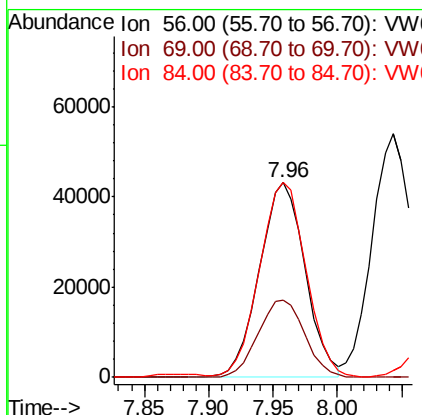
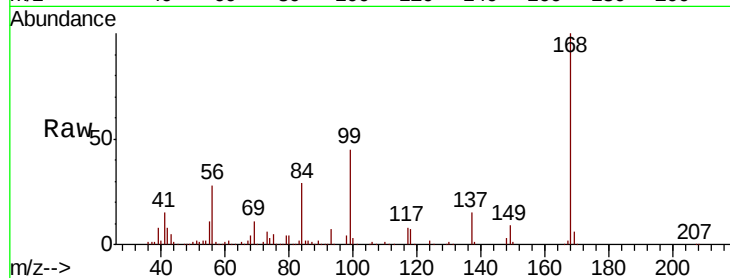
ClientSampleId :

VW1113SBS01

Tot Ion:	56	Resp:	106482
Ion Ratio	Lower	Upper	
56	100		
69	39.8	28.9	43.3
84	98.9	79.0	118.4

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#32

1,1,1-Trichloroethane

Concen: 21.854 ug/l

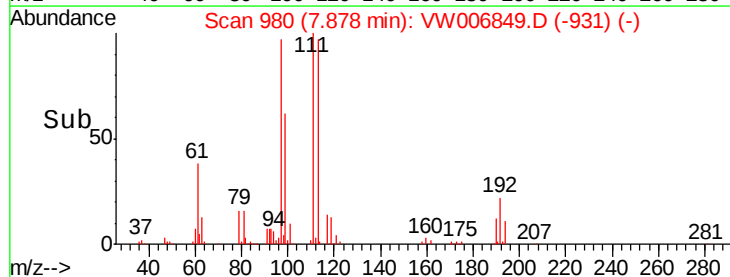
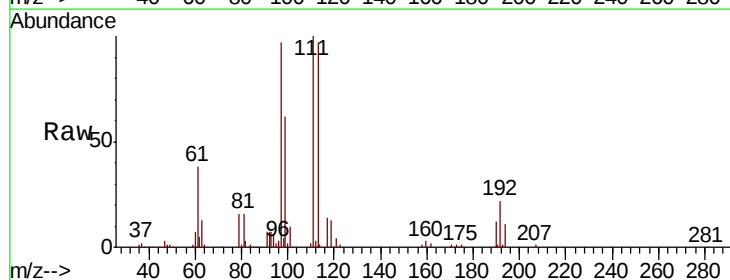
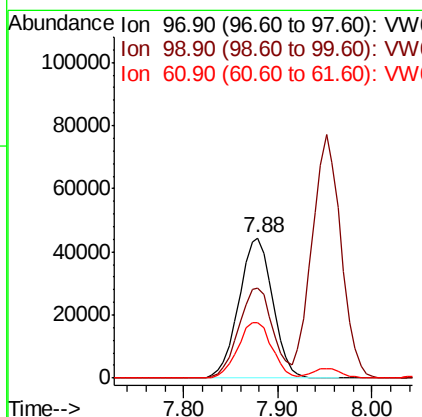
RT: 7.88 min Scan# 980

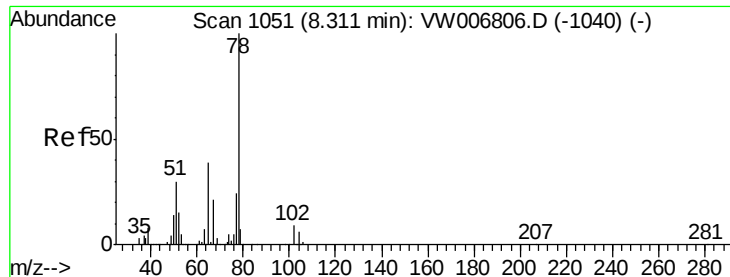
Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Tgt Ion:	97	Resp:	110813
Ion Ratio	Lower	Upper	
97	100		
99	65.6	51.6	77.4
61	40.2	32.2	48.4





#33

1,2-Dichloroethane-d4

Concen: 45.971 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 65 Resp: 118156

Ion Ratio Lower Upper

65 100

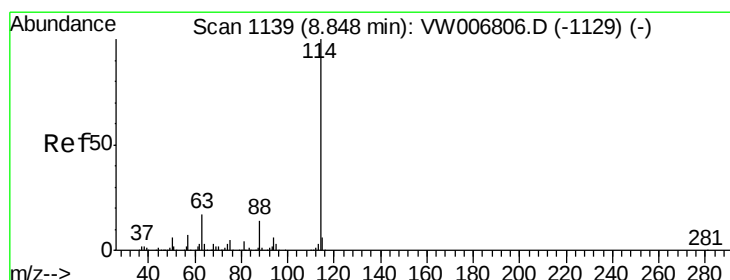
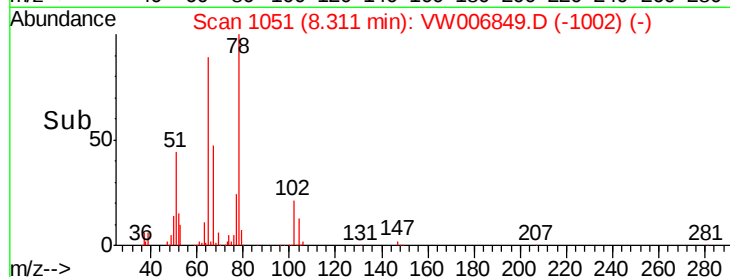
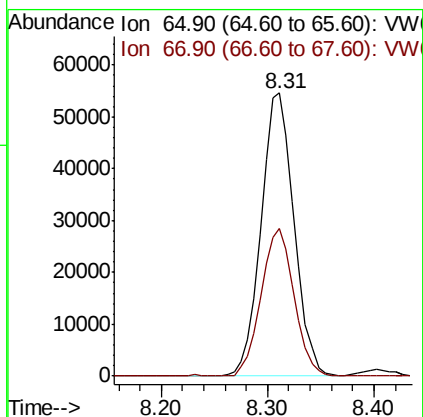
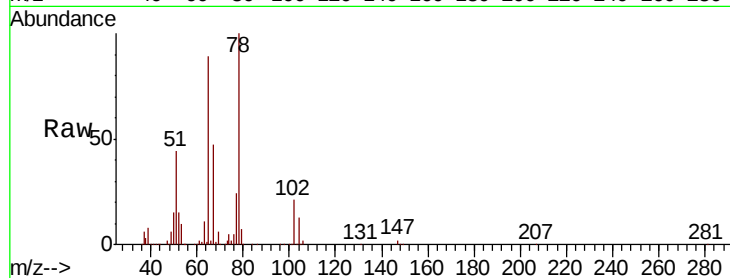
67 52.0 0.0 104.4

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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: VW006849.D

Acq: 13 Nov 2018 13:05

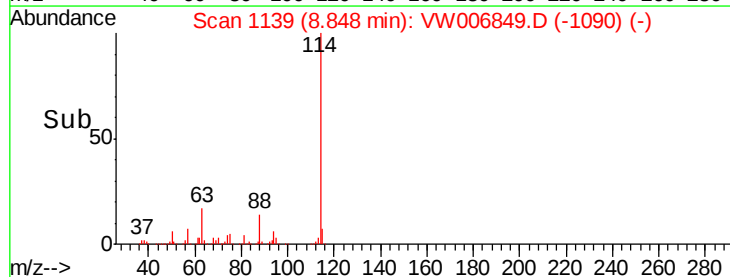
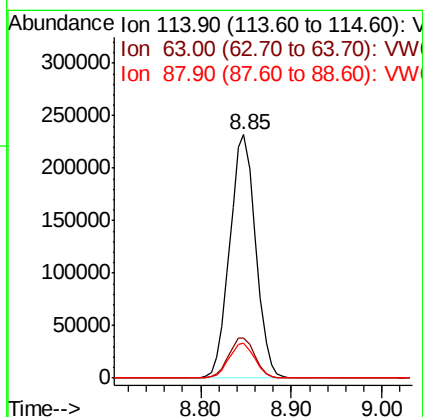
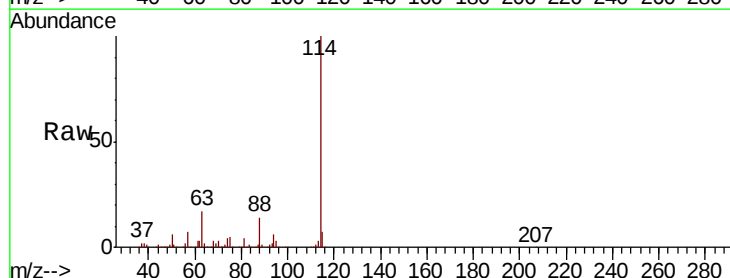
Tgt Ion: 114 Resp: 459860

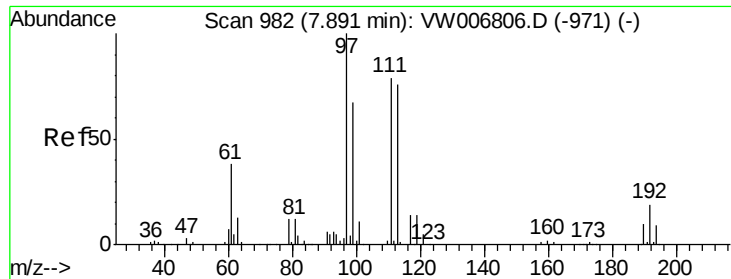
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.6

88 14.4 0.0 28.4





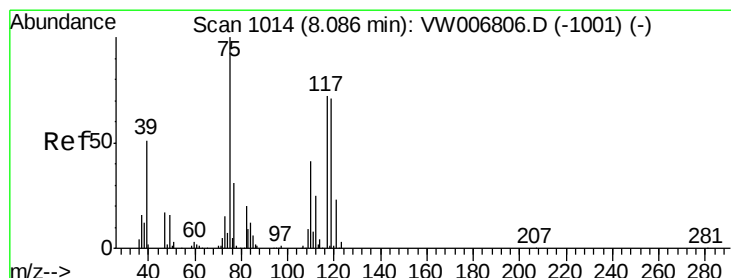
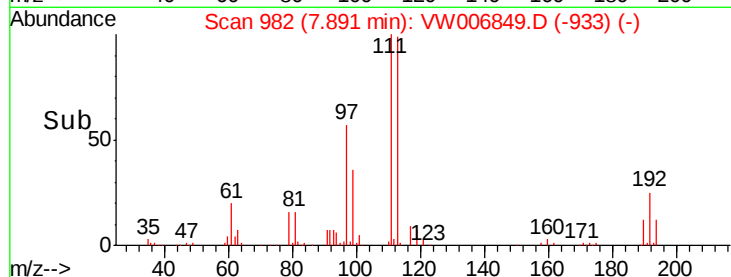
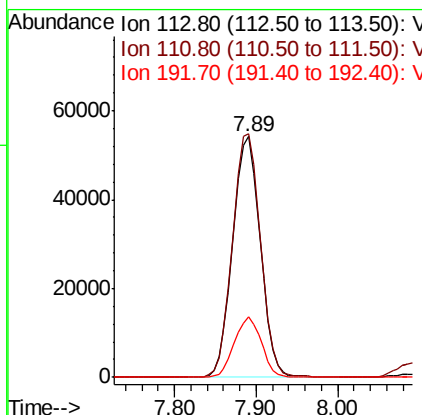
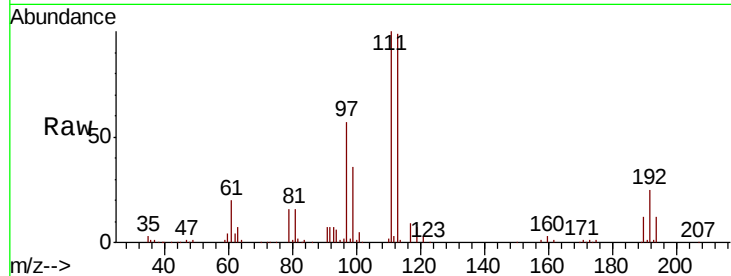
#35
 Dibromofluoromethane
 Concen: 46.296 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126773		
111	102.6	81.0	121.6	
192	24.5	19.0	28.6	

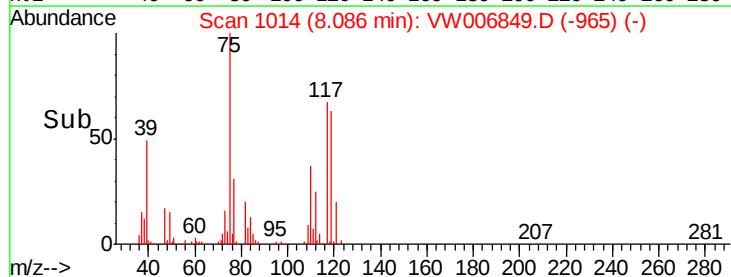
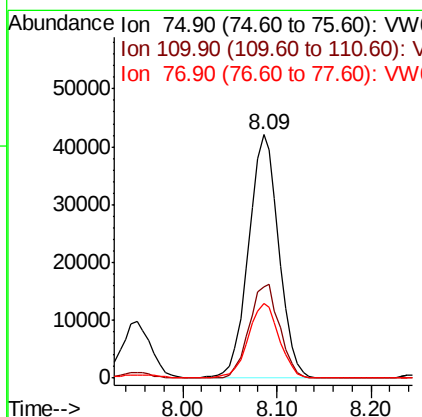
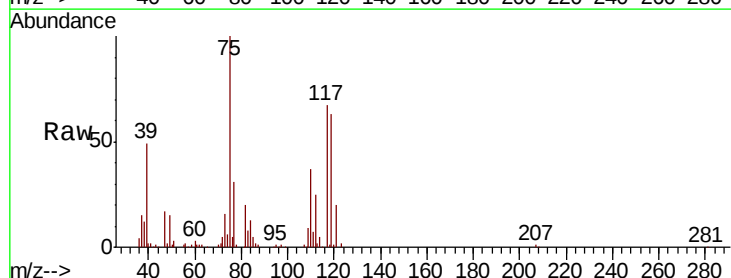
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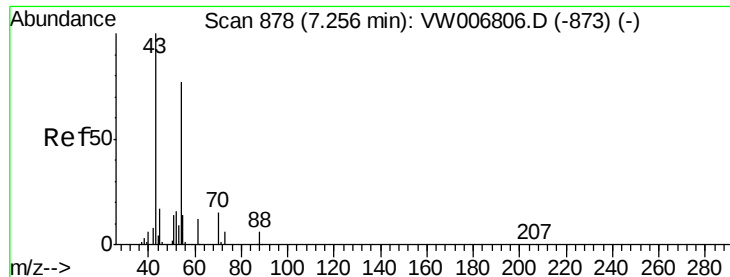
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#36
 1,1-Dichloropropene
 Concen: 22.087 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	95051		
110	38.8	19.9	59.6	
77	31.4	25.4	38.2	





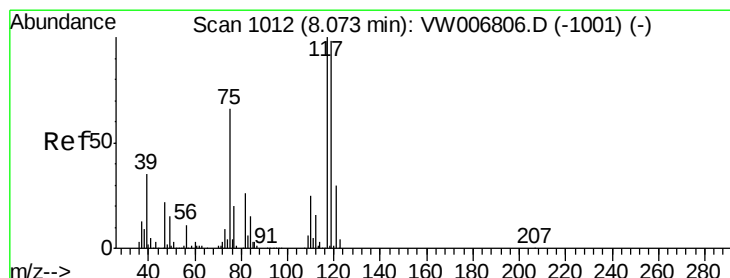
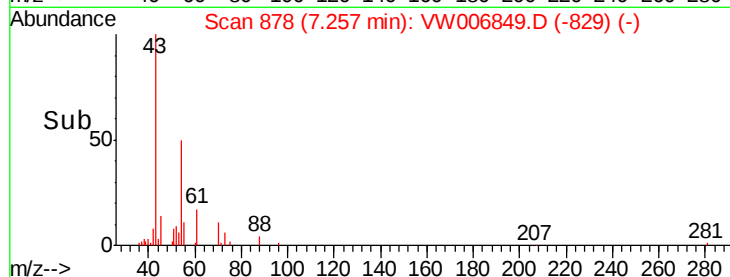
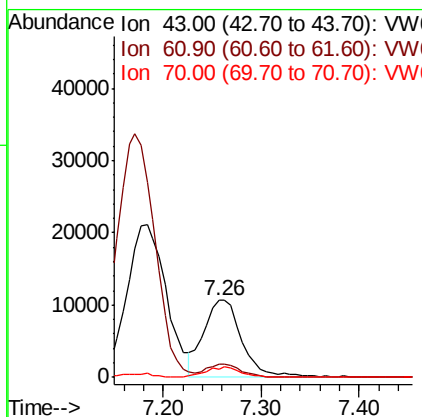
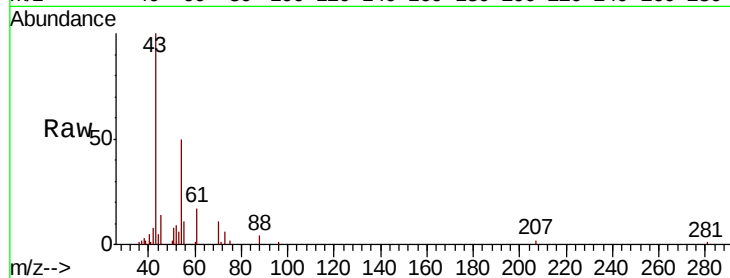
#37
Ethyl Acetate
Concen: 20.270 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.7	17.5
70	12.3	10.0	15.0

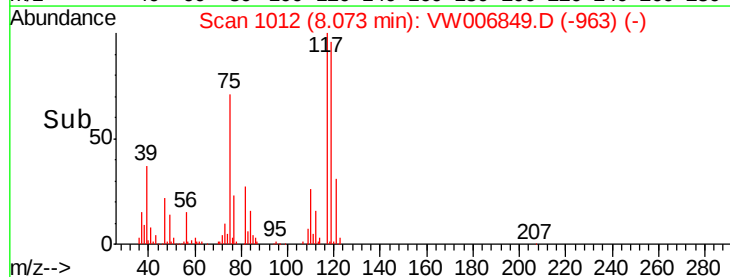
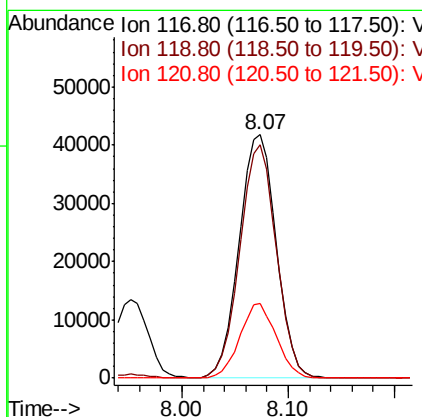
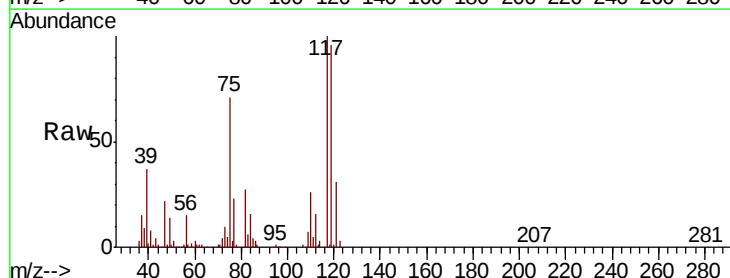
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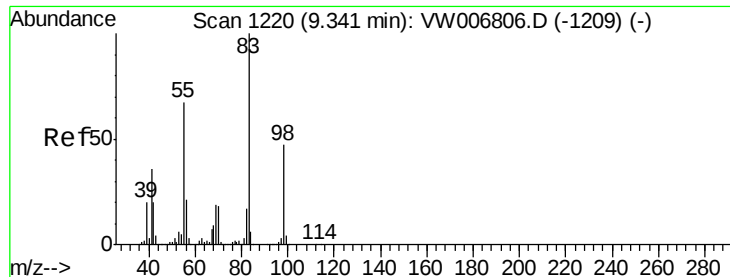
apatel
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#38
Carbon Tetrachloride
Concen: 21.929 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.5	117.7
121	30.6	24.2	36.2





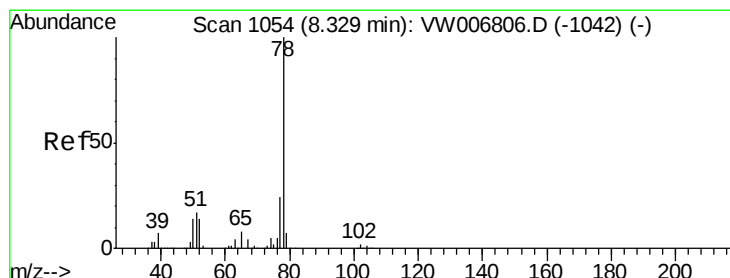
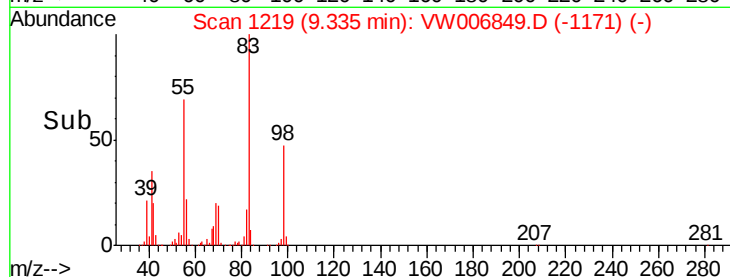
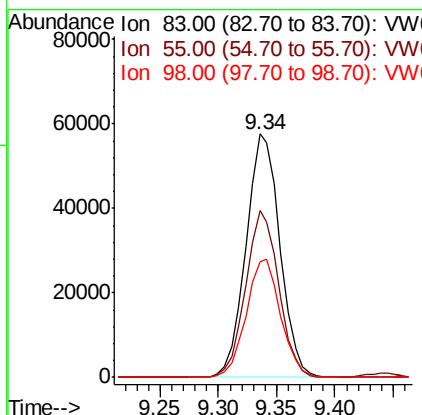
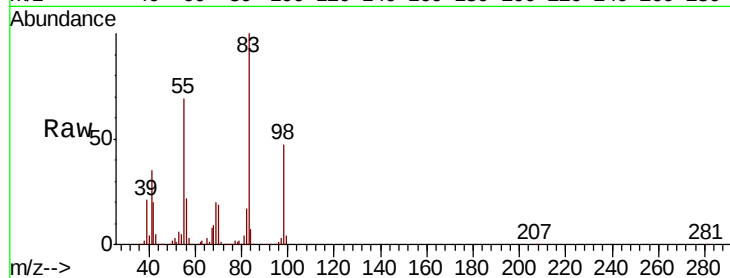
#39
Methvlcvclohexane
Concen: 20.873 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	53.3	79.9
98	47.3	37.9	56.9

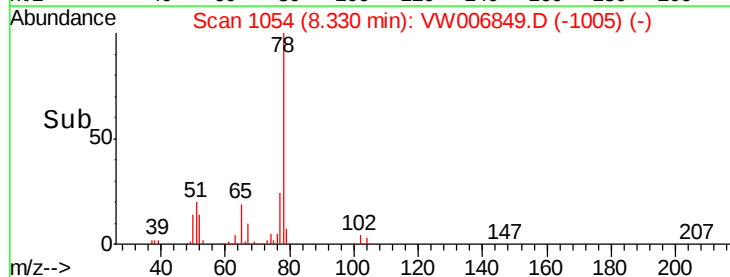
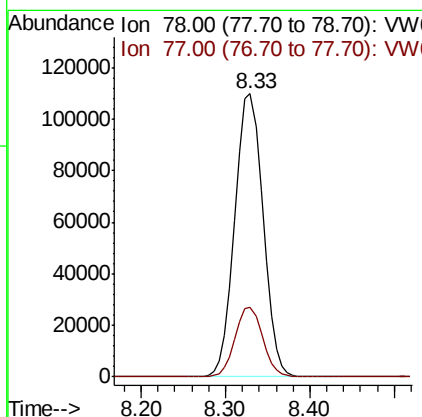
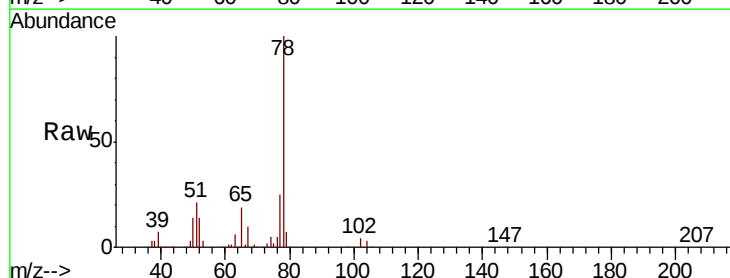
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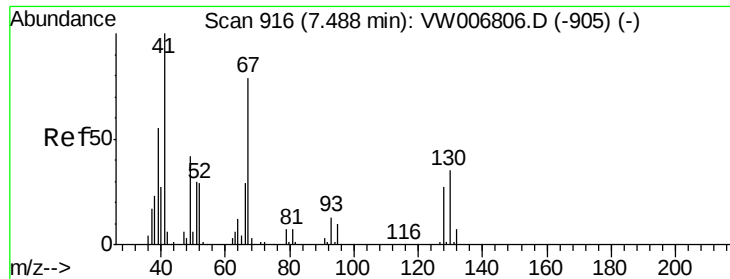
apatel
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#40
Benzene
Concen: 20.840 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.6





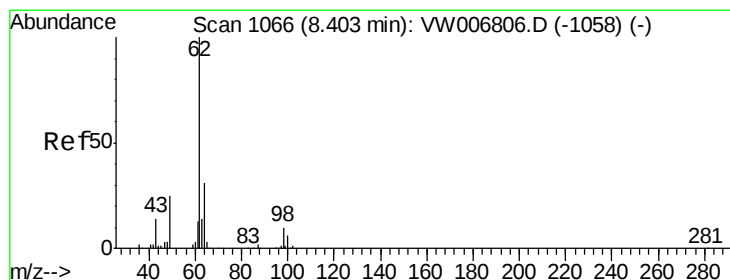
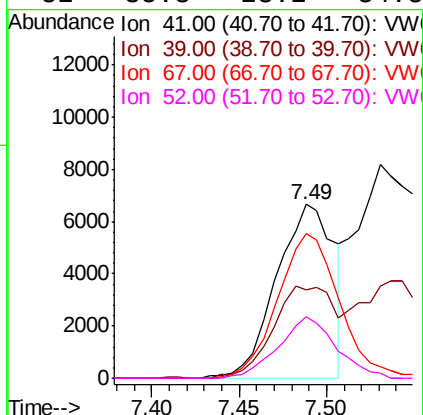
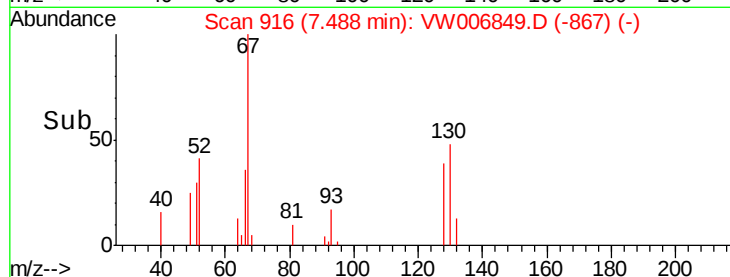
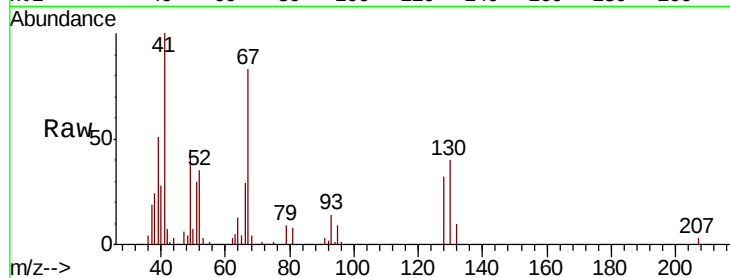
#41
Methacrylonitrile
Concen: 17.712 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	48.1	72.1	
67	89.5	61.4	92.2	
52	35.3	23.2	34.8	

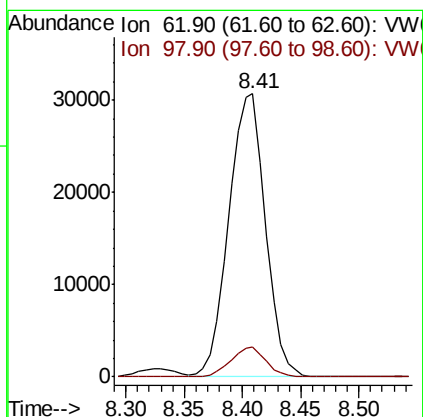
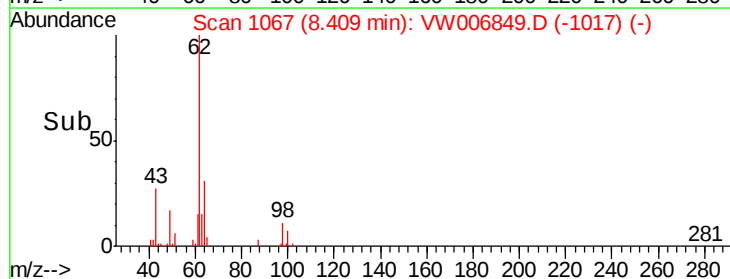
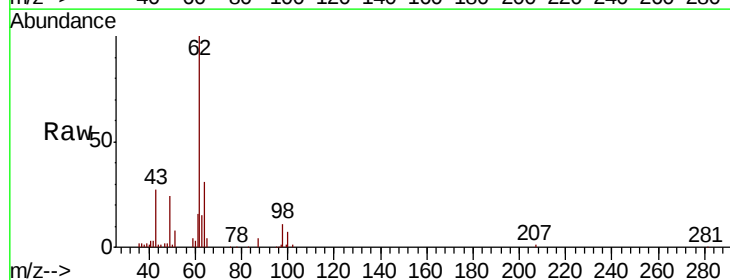
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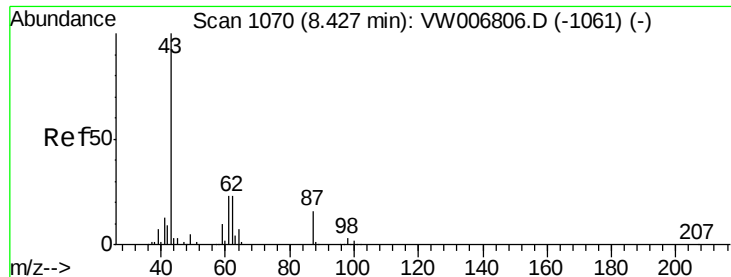
apatel
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#42
1,2-Dichloroethane
Concen: 20.945 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.0	





#43

Isopropyl Acetate

Concen: 19.643 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

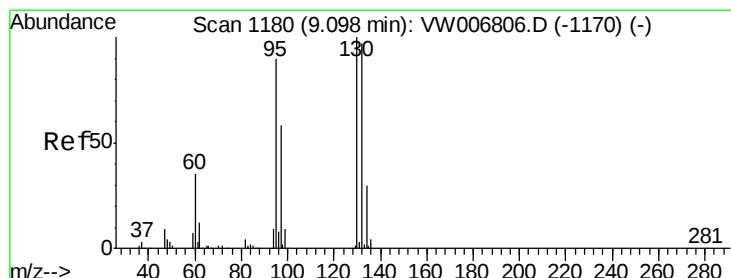
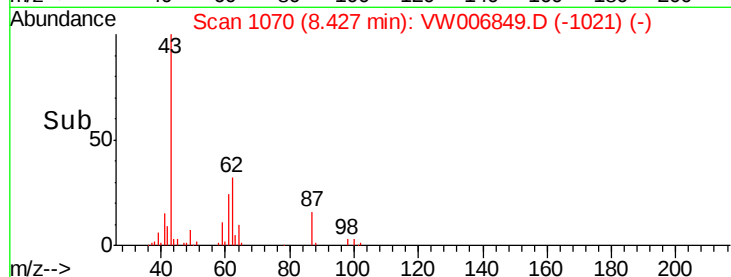
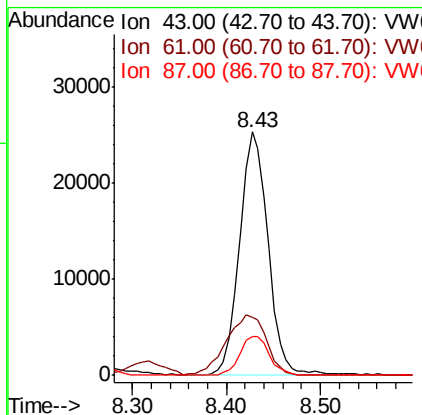
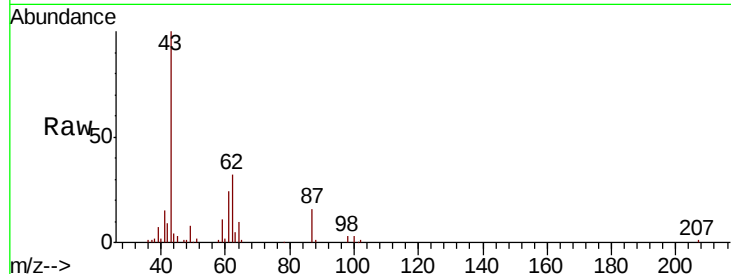
ClientSampleId :

VW1113SBS01

Tot Ion:	43	Resp:	53757
Ion	Ratio	Lower	Upper
43	100		
61	34.3	27.0	40.4
87	16.5	13.0	19.4

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#44

Trichloroethene

Concen: 21.620 ug/l

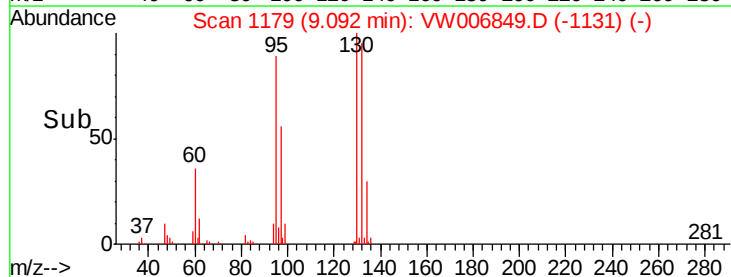
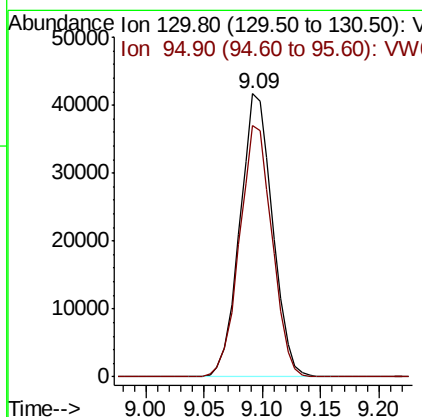
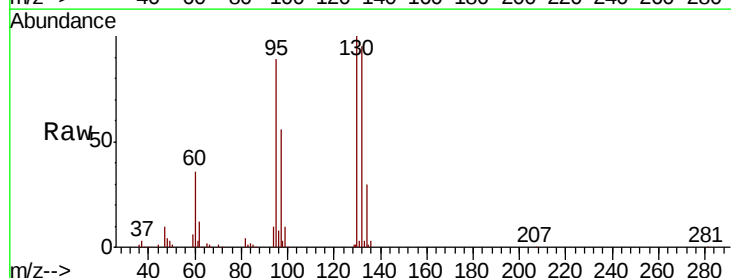
RT: 9.09 min Scan# 1179

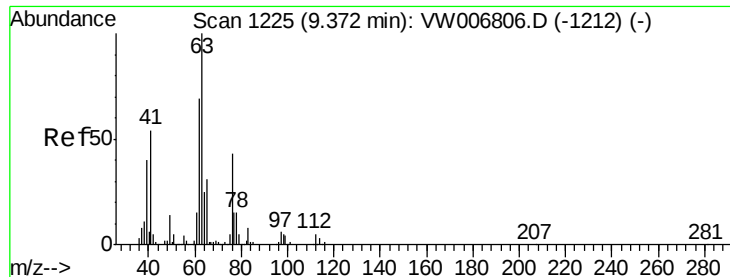
Delta R.T. -0.01 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Tgt Ion:	130	Resp:	81634
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	180.2





#45

1,2-Dichloropropane

Concen: 20.999 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 63 Resp: 58565

Ion Ratio Lower Upper

63 100

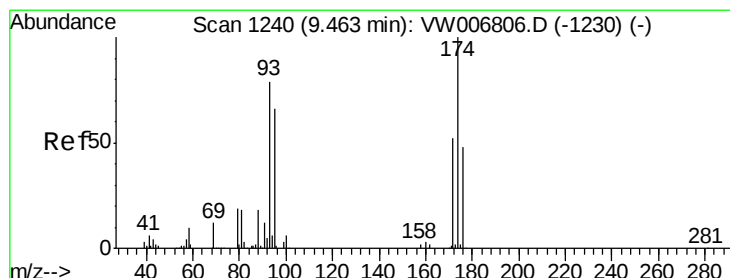
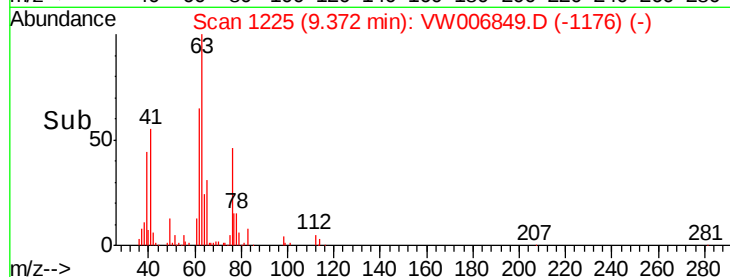
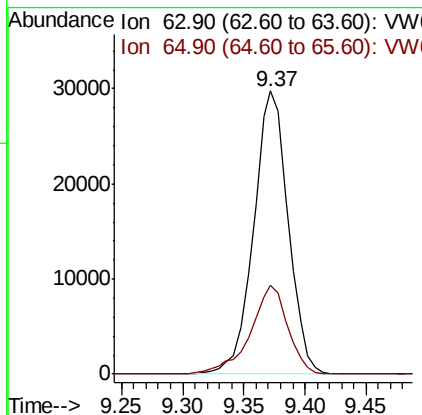
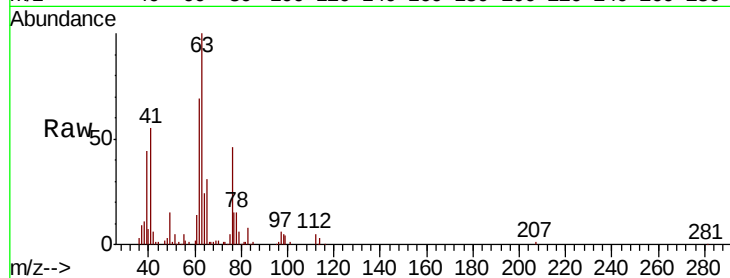
65 31.3 24.4 36.6

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#46

Dibromomethane

Concen: 20.227 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

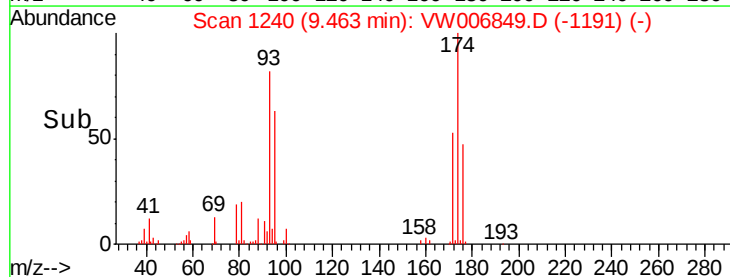
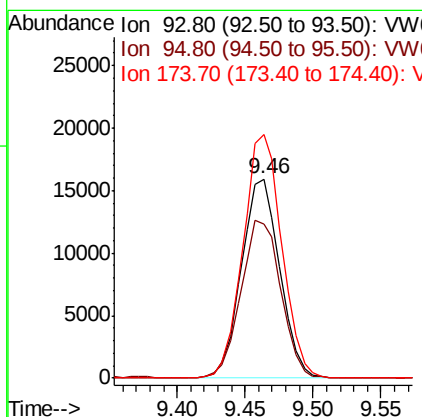
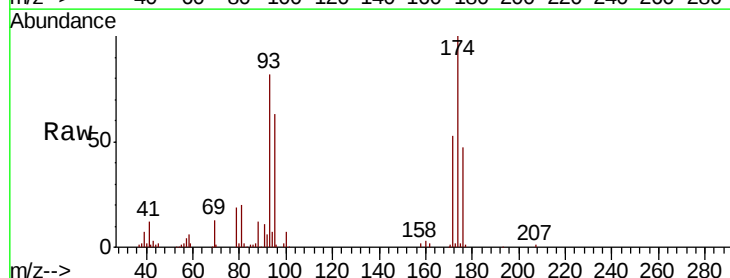
Tgt Ion: 93 Resp: 31402

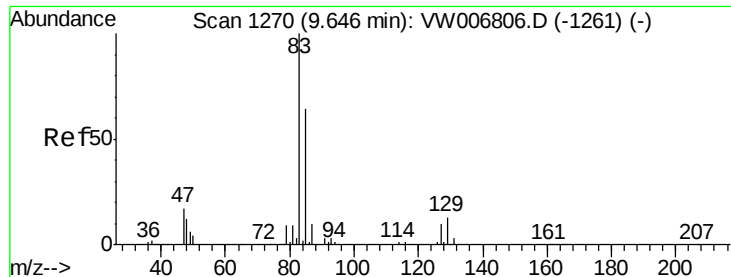
Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.6

174 123.7 98.6 147.8





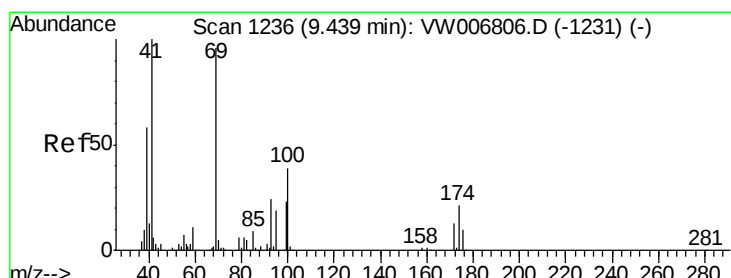
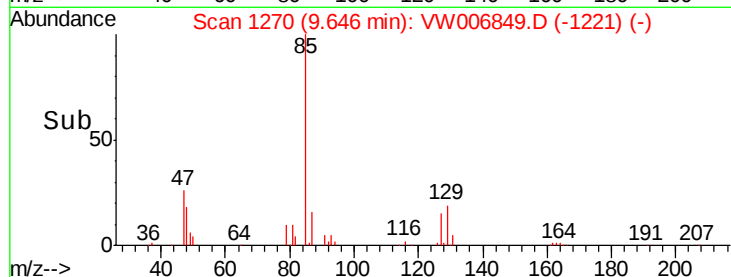
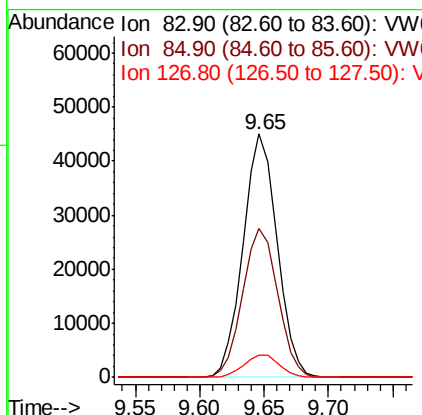
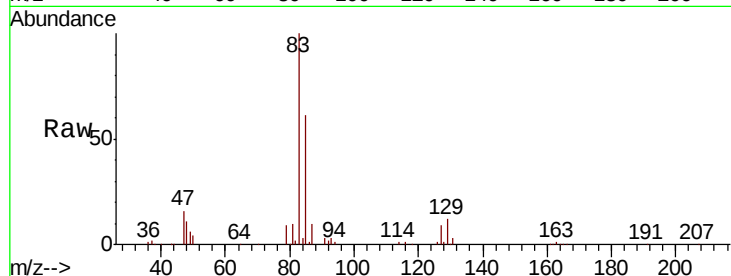
#47
Bromodichloromethane
Concen: 21.379 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.4	77.0
127	9.0	7.6	11.4

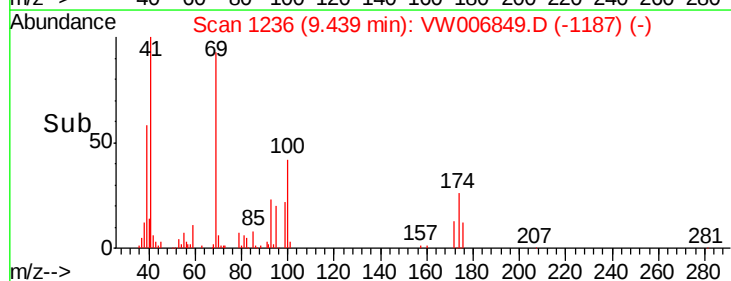
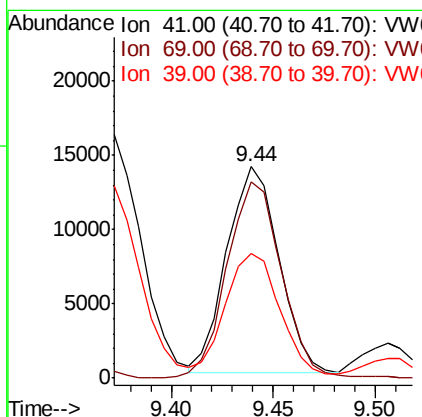
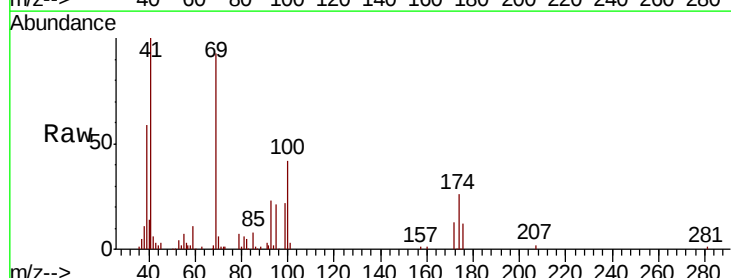
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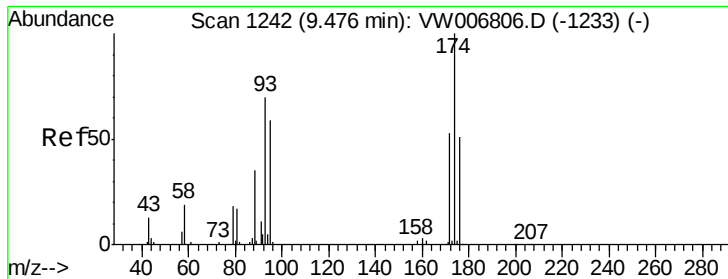
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#48
Methyl methacrylate
Concen: 18.218 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.7	79.8	119.6
39	60.6	45.9	68.9





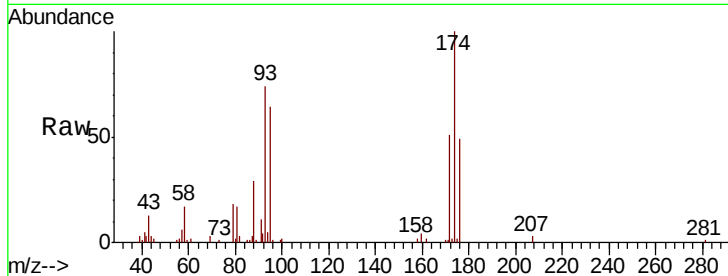
#49
1,4-Dioxane
Concen: 381.458 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	88	Resp	8947
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	62.8	50.6	75.8

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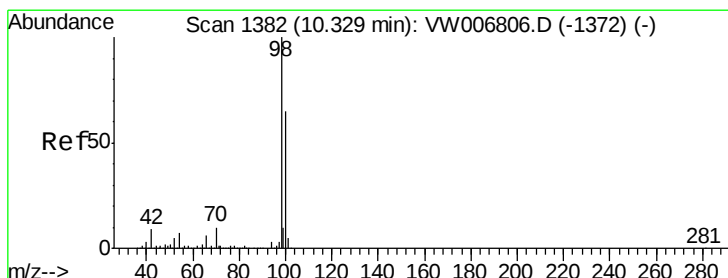
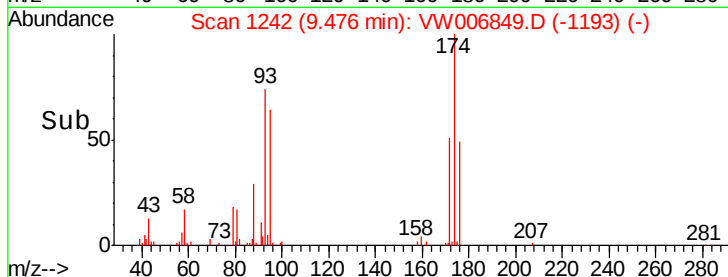
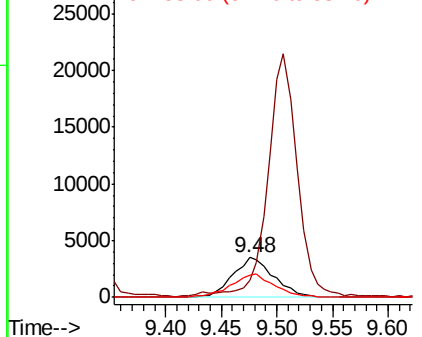


Abundance

Ion 88.00 (87.70 to 88.70): VW

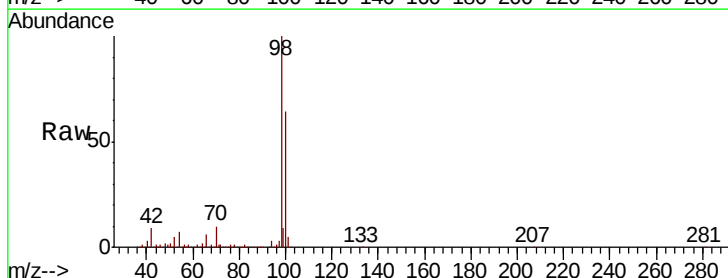
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 45.593 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

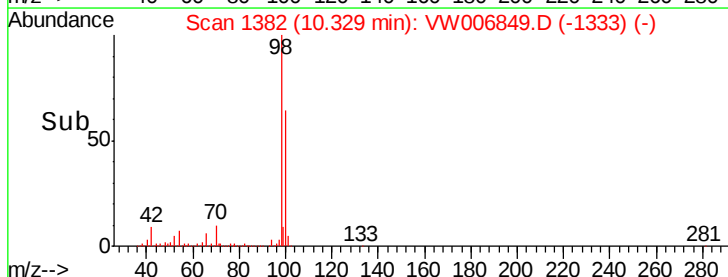
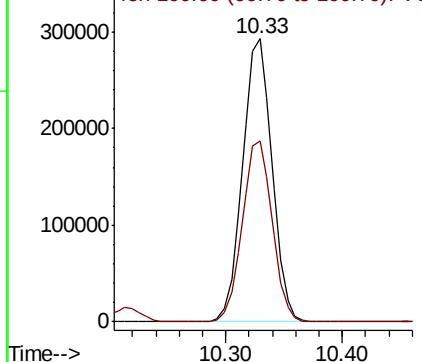
Tgt Ion	98	Resp	517480
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2

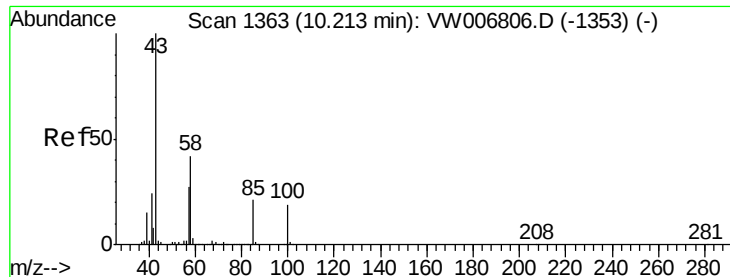


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 93.660 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 43 Resp: 128528

Ion Ratio Lower Upper

43 100

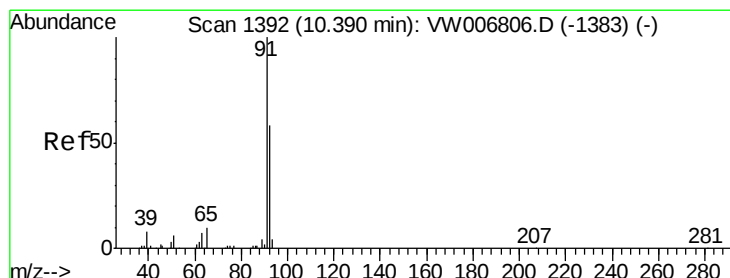
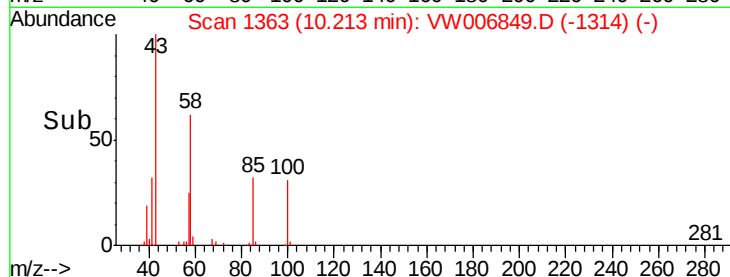
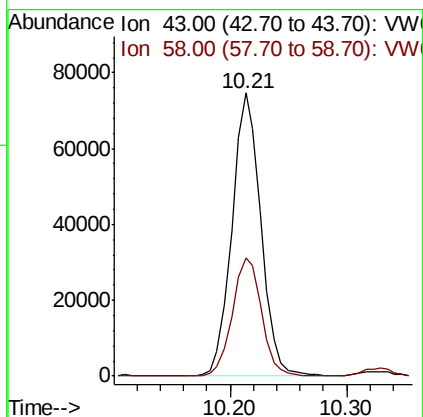
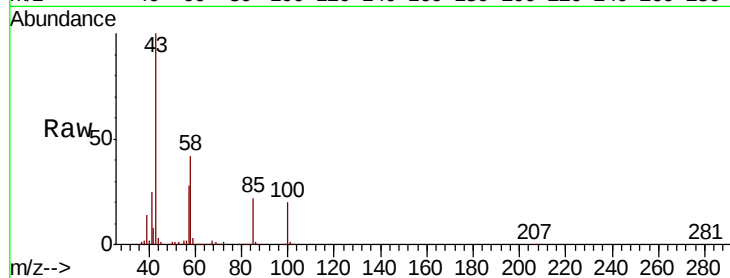
58 42.2 34.0 51.0

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#52

Toluene

Concen: 20.569 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006849.D

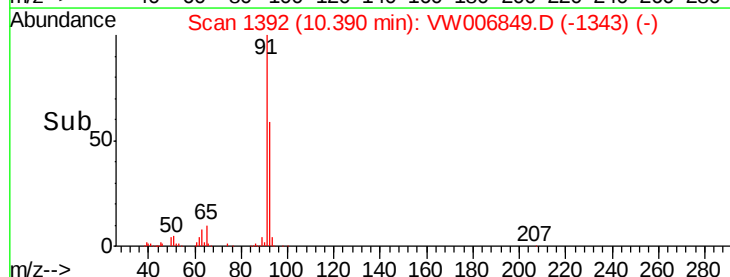
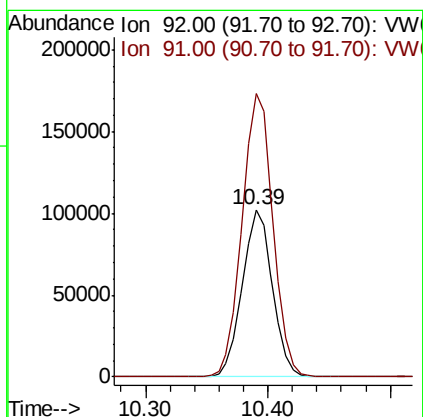
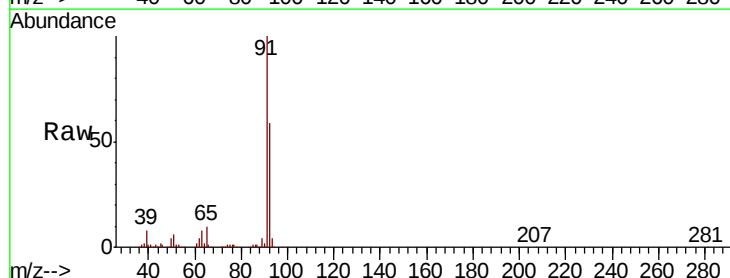
Acq: 13 Nov 2018 13:05

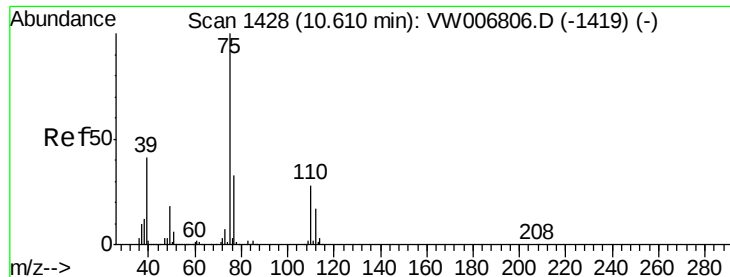
Tgt Ion: 92 Resp: 174496

Ion Ratio Lower Upper

92 100

91 173.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 20.174 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion: 75 Resp: 76475

Ion Ratio Lower Upper

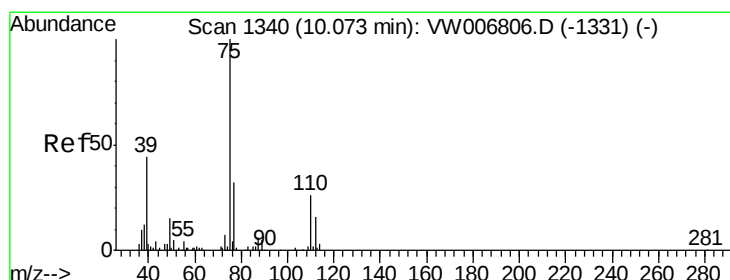
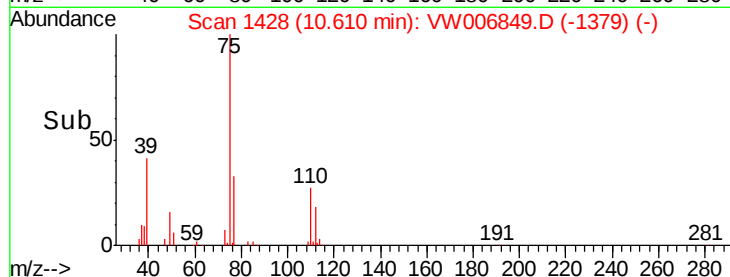
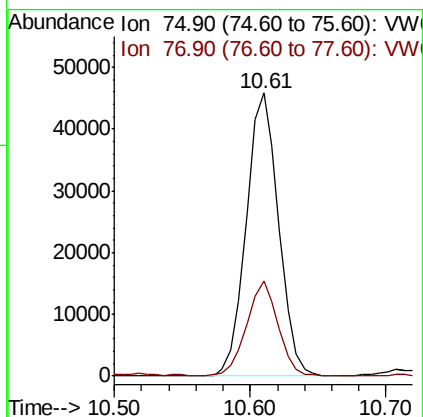
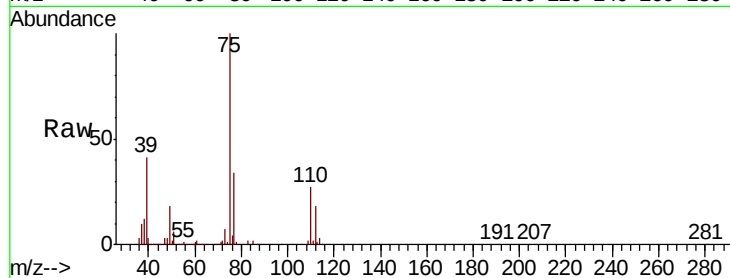
75 100

77 33.5 26.3 39.5

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#54

cis-1,3-Dichloropropene

Concen: 20.953 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

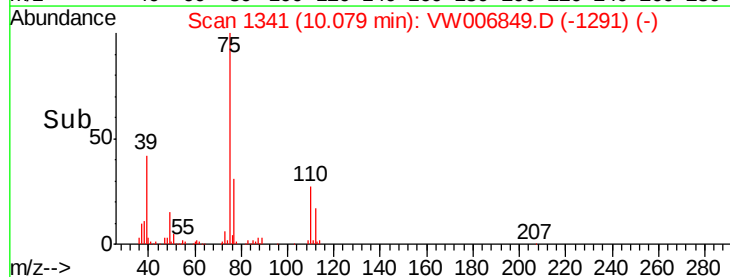
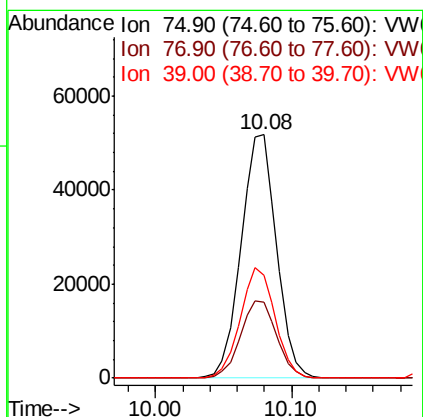
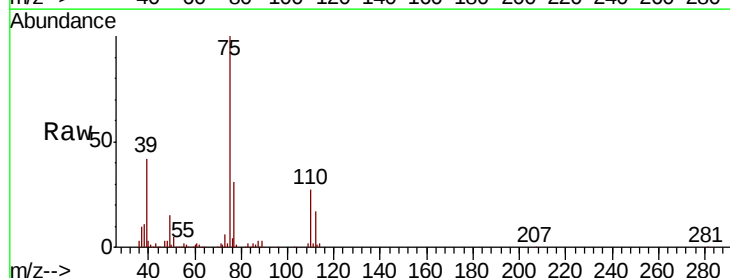
Tgt Ion: 75 Resp: 94187

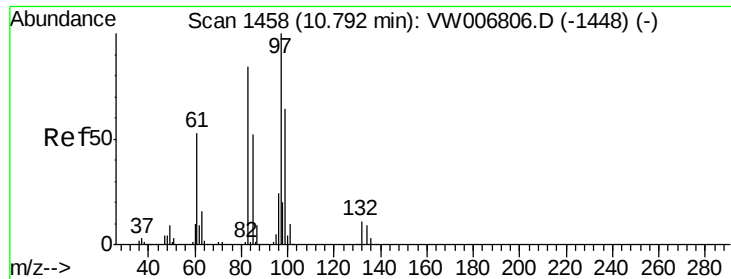
Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

39 42.1 35.3 52.9





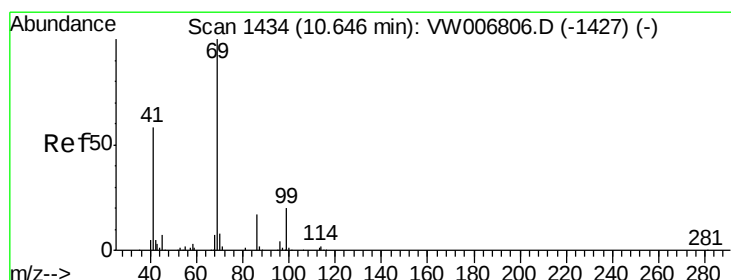
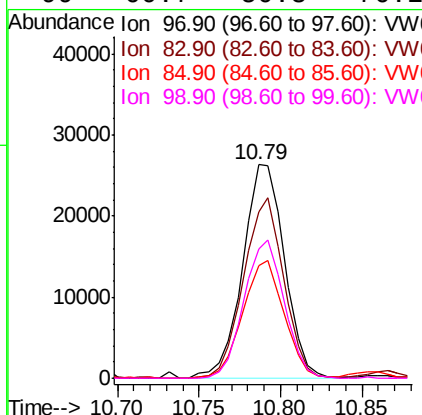
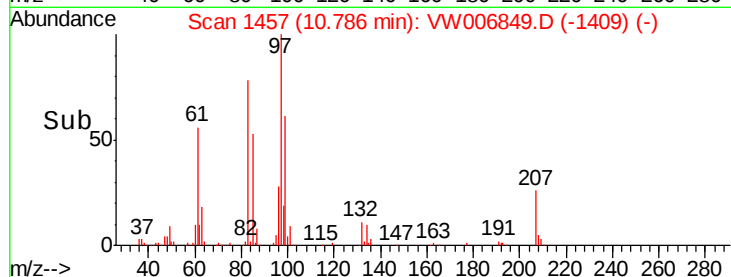
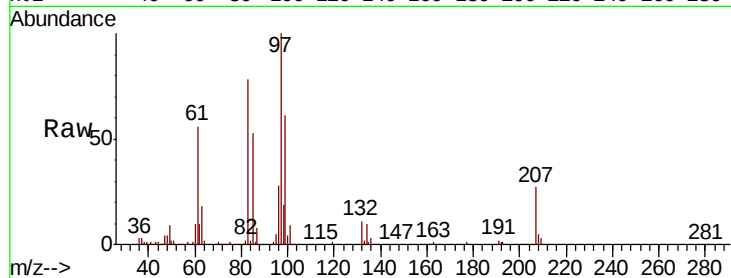
#55
 1,1,2-Trichloroethane
 Concen: 20.459 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion:	97	Resp:	47131
Ion	Ratio	Lower	Upper
97	100		
83	78.0	67.0	100.4
85	52.5	41.7	62.5
99	60.7	50.8	76.2

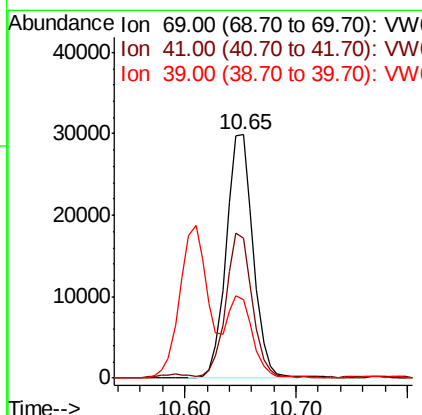
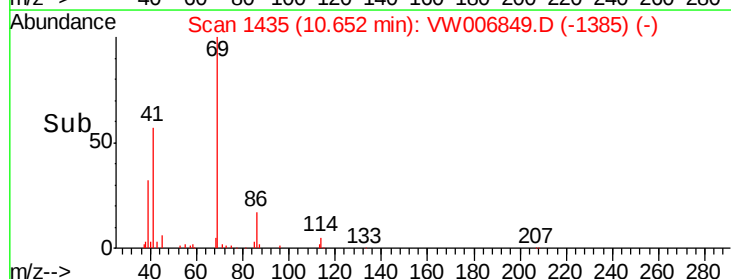
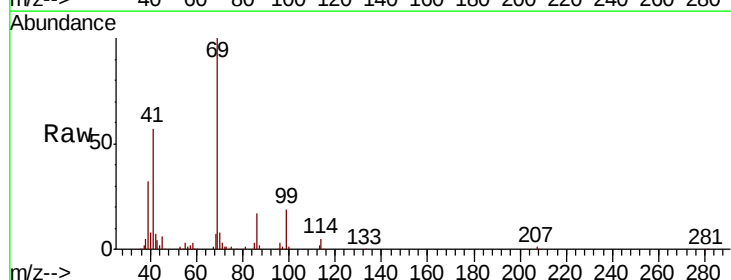
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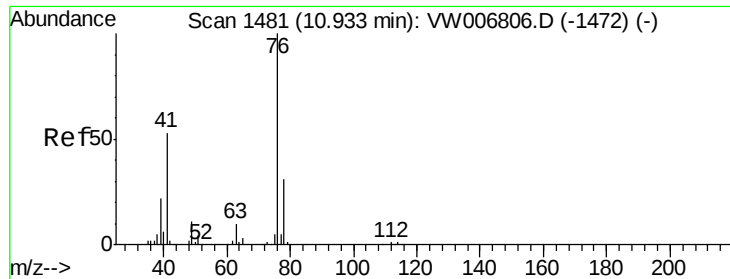
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#56
 Ethyl methacrylate
 Concen: 19.821 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Tgt Ion:	69	Resp:	50043
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.0	70.4
39	30.1	23.1	34.7





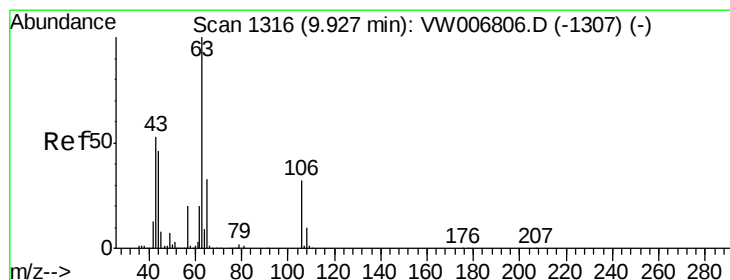
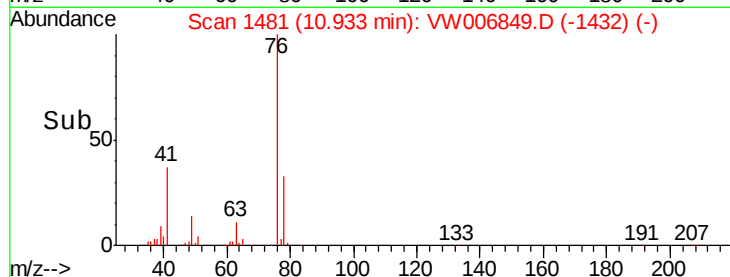
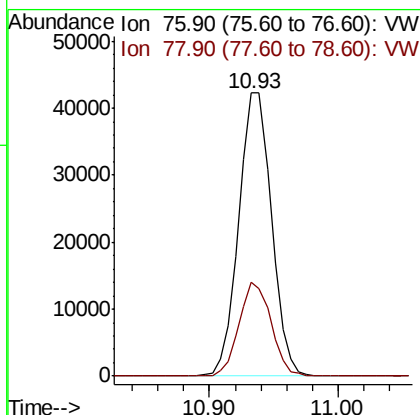
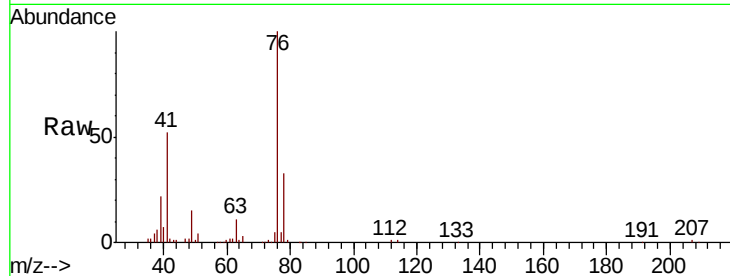
#57
 1,3-Dichloropropane
 Concen: 20.442 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2

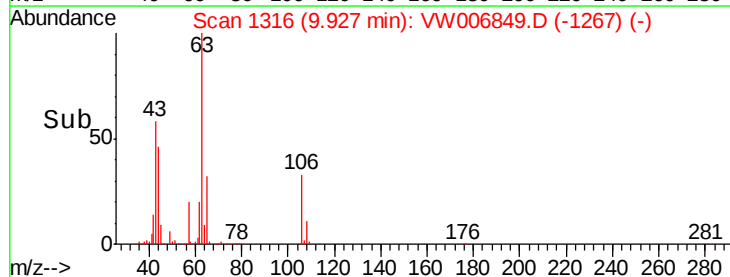
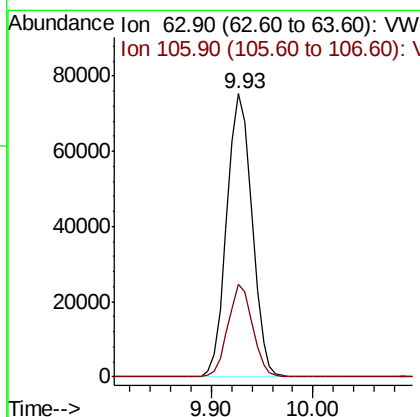
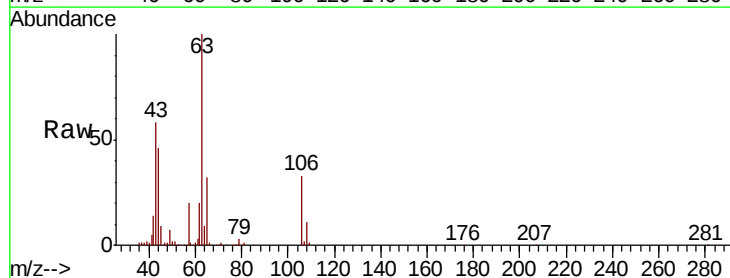
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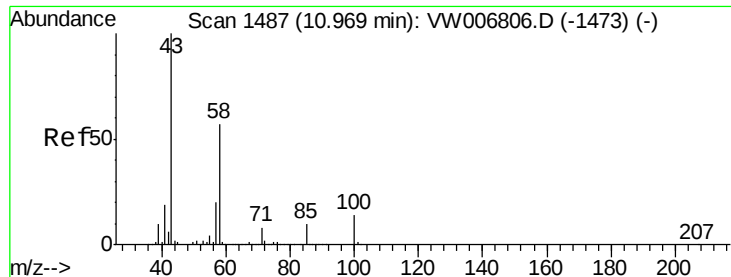
apatel
 11/14/2018 12:48:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.136 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.4	38.0





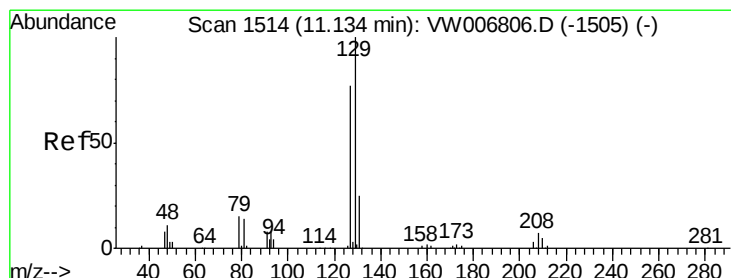
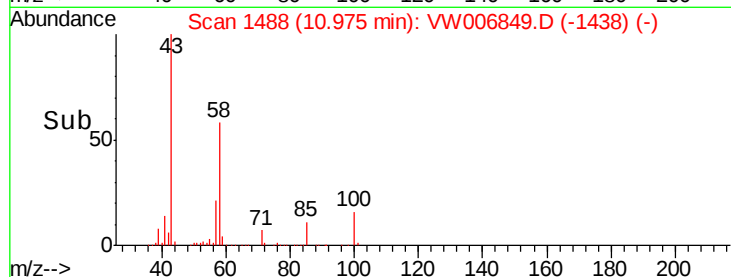
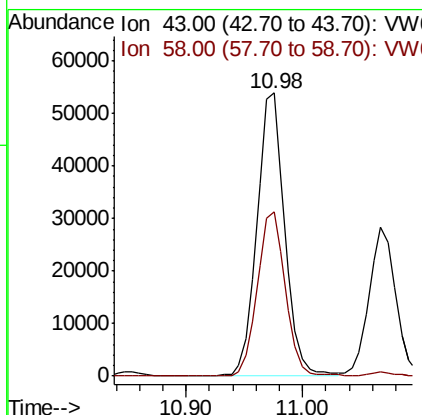
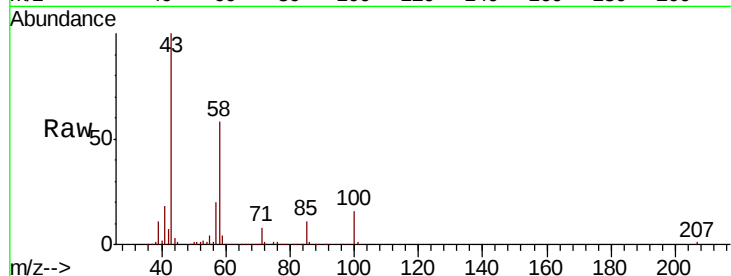
#59
2-Hexanone
Concen: 94.984 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion: 43 Resp: 89907
Ion Ratio Lower Upper
43 100
58 58.6 28.7 86.1

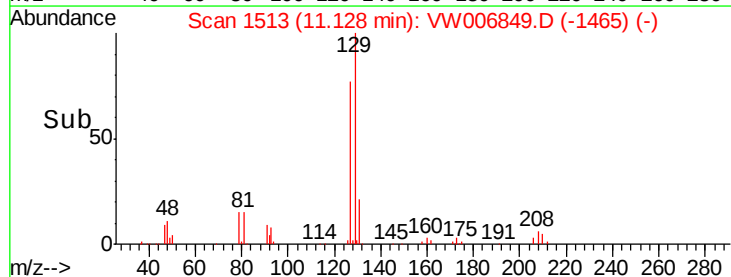
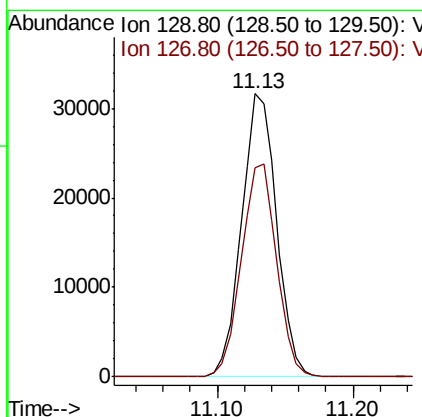
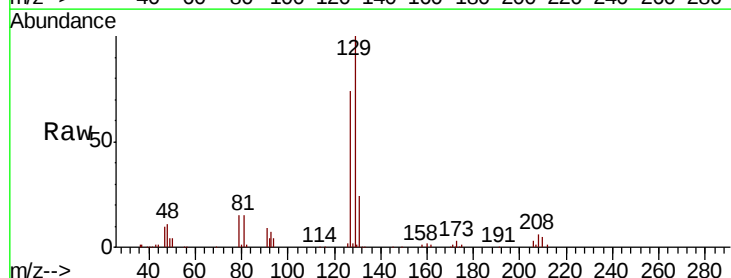
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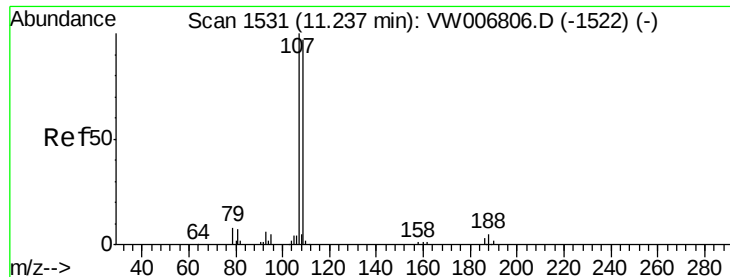
apatel
11/14/2018 12:48:42 PM



#60
Dibromochloromethane
Concen: 20.190 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion: 129 Resp: 56912
Ion Ratio Lower Upper
129 100
127 75.6 38.7 116.1





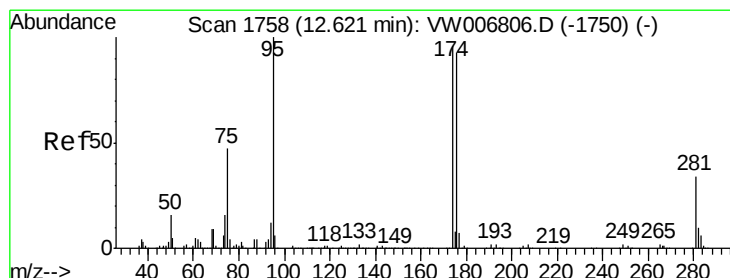
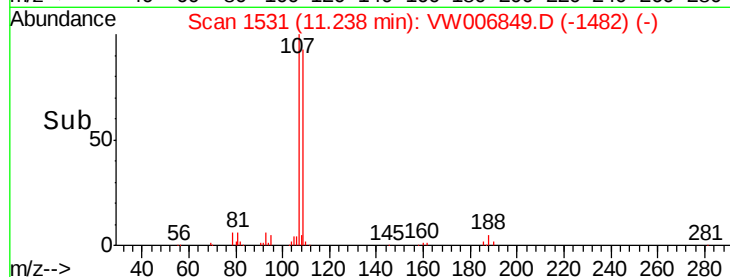
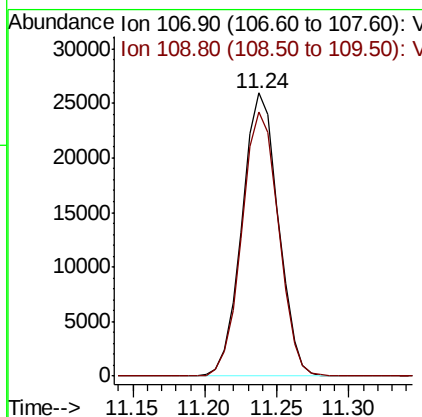
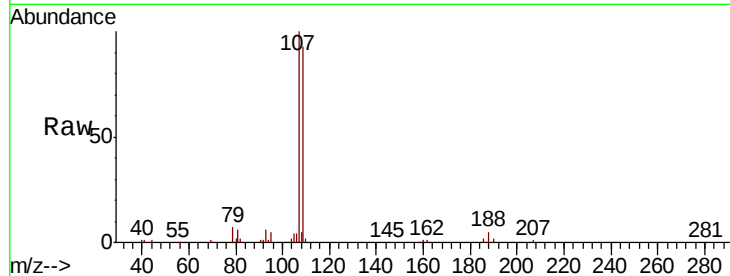
#61
 1,2-Dibromoethane
 Concen: 20.669 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion: 107 Resp: 45222
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.7 115.1

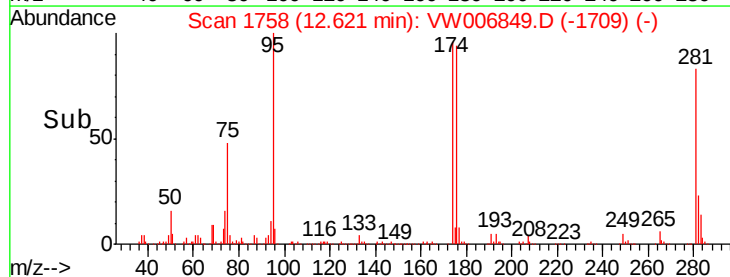
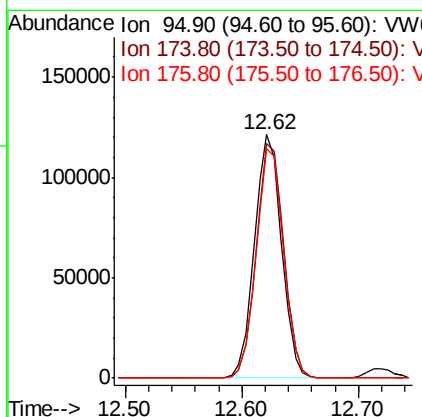
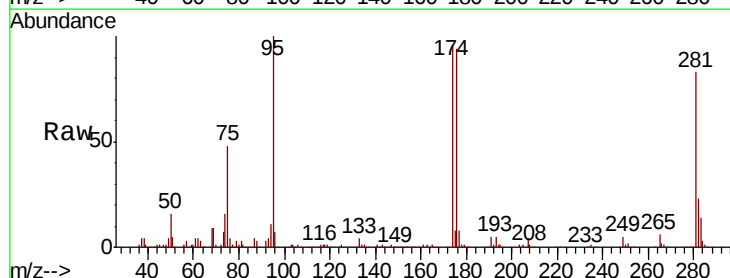
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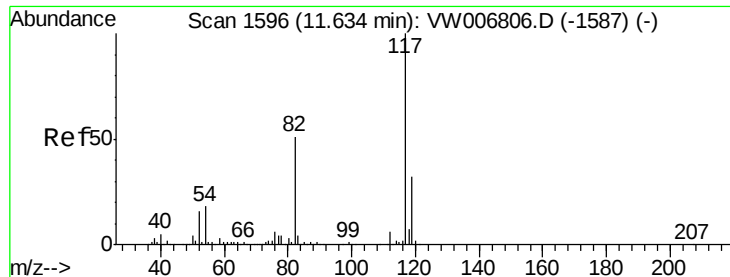
apatel
 11/14/2018 12:48:42 PM



#62
 4-Bromofluorobenzene
 Concen: 46.800 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Tgt Ion: 95 Resp: 195639
 Ion Ratio Lower Upper
 95 100
 174 98.1 0.0 196.6
 176 95.4 0.0 191.6





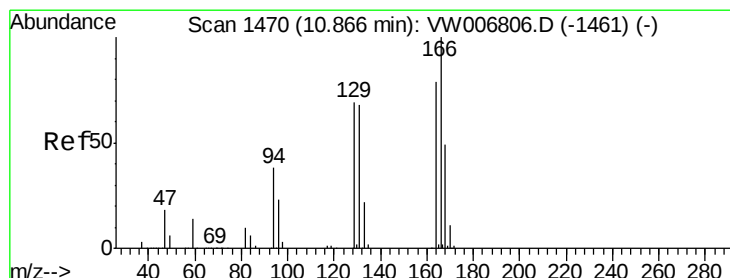
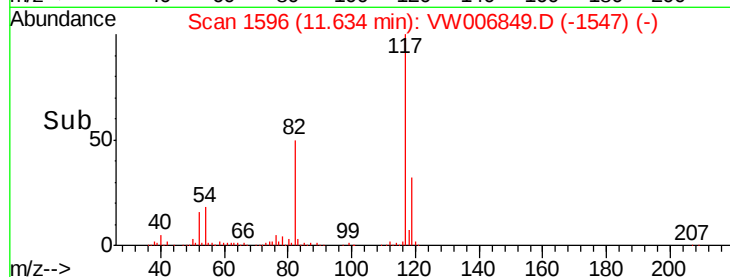
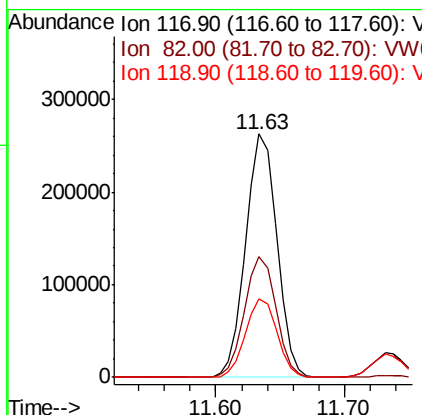
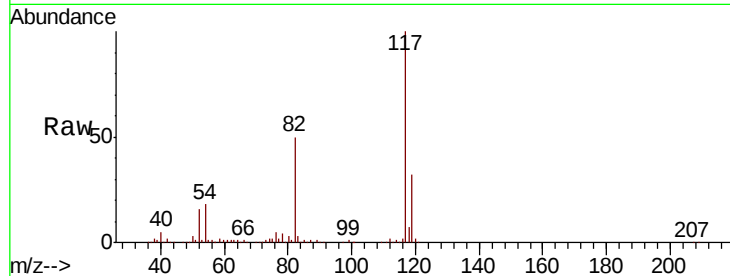
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.6	61.0
119	32.3	25.5	38.3

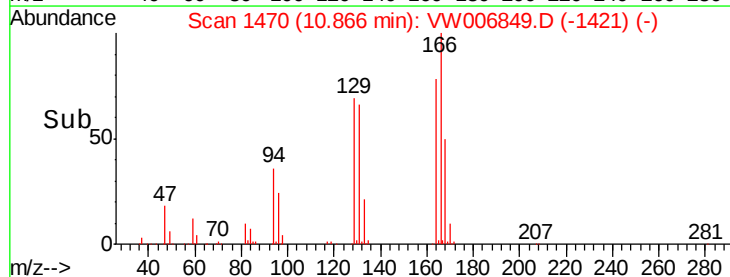
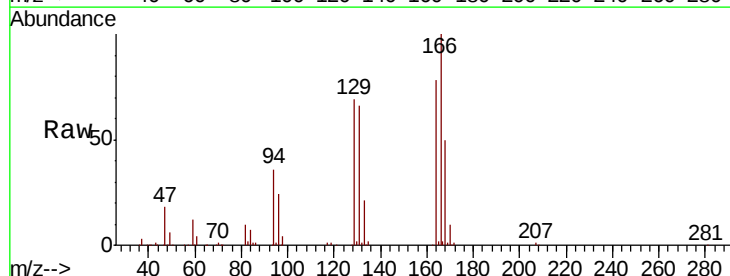
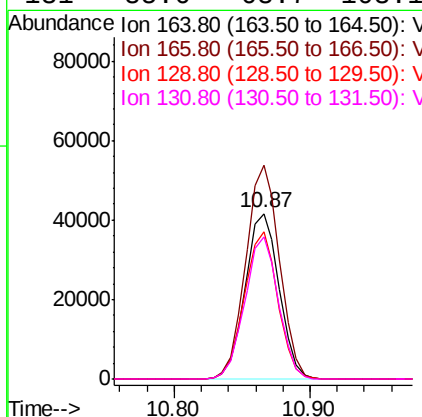
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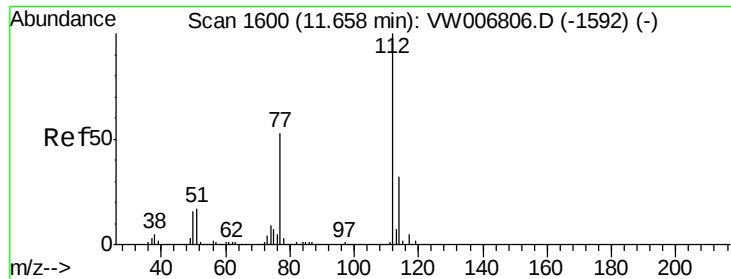
apatel
11/14/2018 12:48:42 PM



#64
Tetrachloroethene
Concen: 20.628 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.3	151.9
129	89.1	69.6	104.4
131	85.6	68.7	103.1





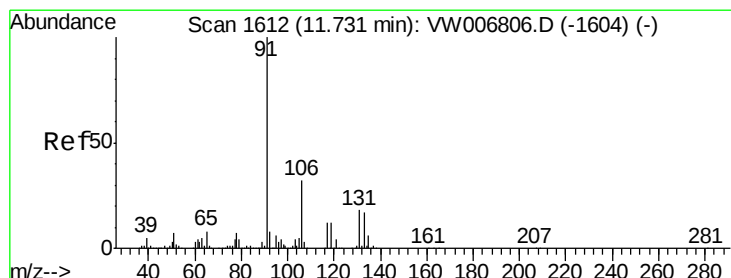
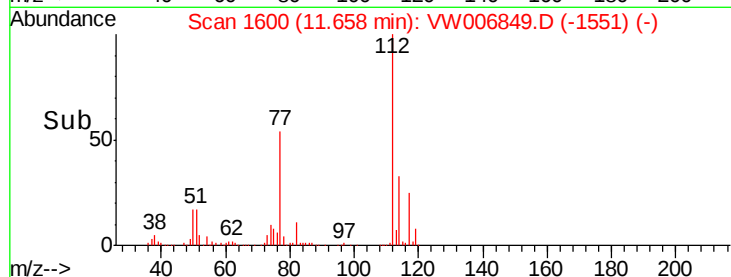
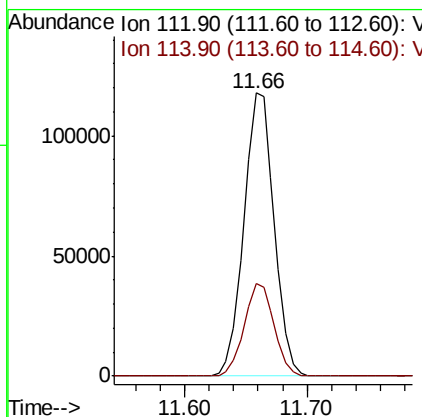
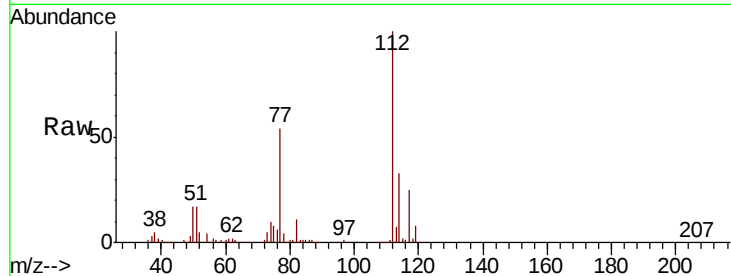
#65
Chlorobenzene
Concen: 20.692 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion:112 Resp: 202059
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

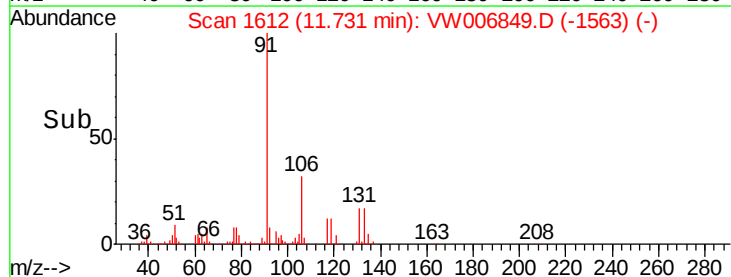
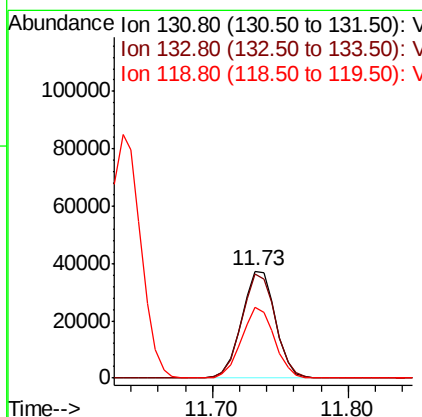
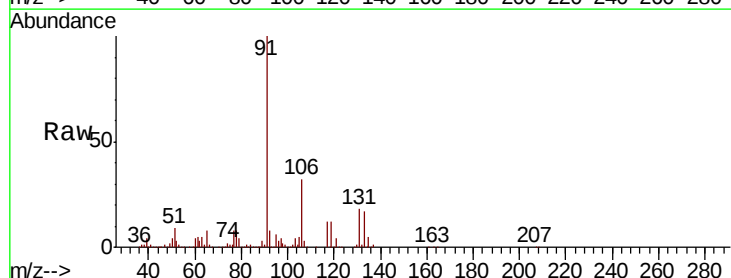
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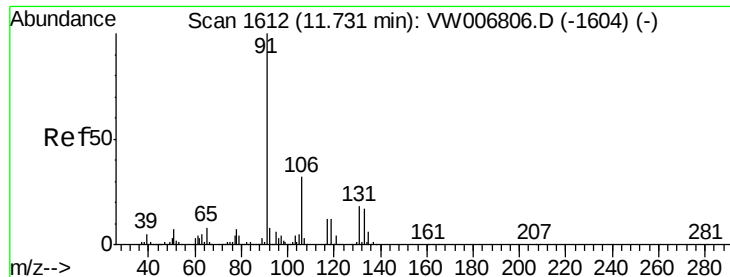
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.402 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion:131 Resp: 64648
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.8
119 64.7 32.4 97.2





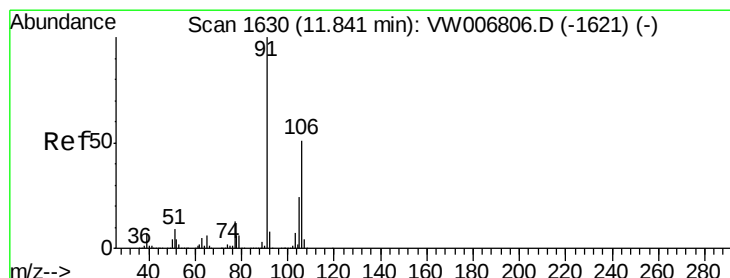
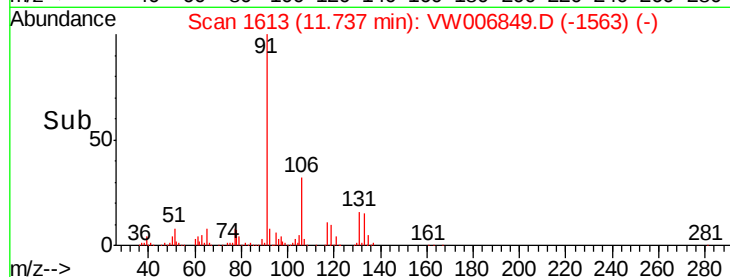
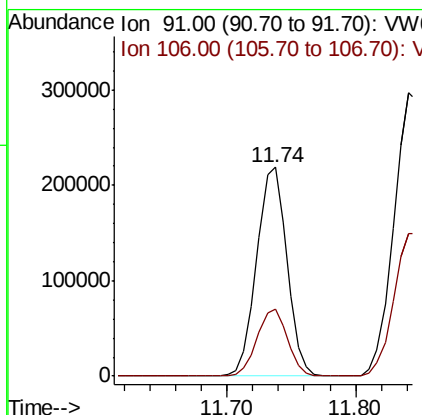
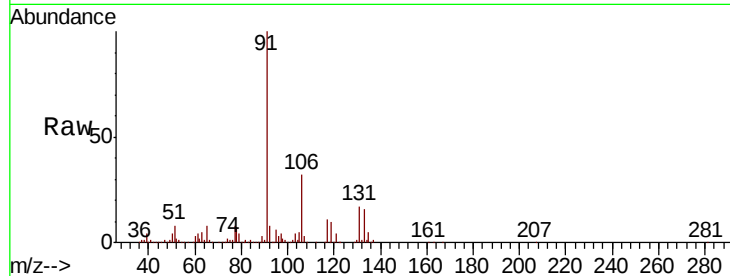
#67
Ethyl Benzene
Concen: 21.313 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion: 91 Resp: 354801
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

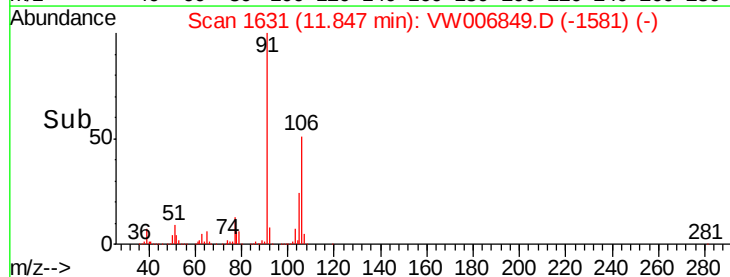
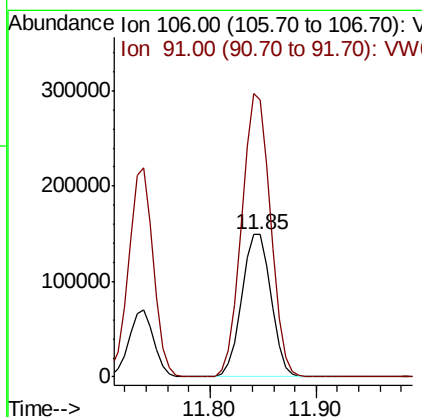
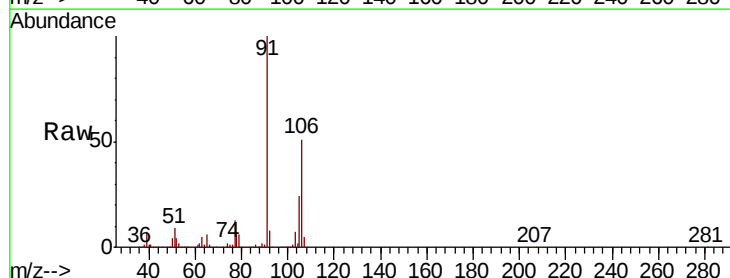
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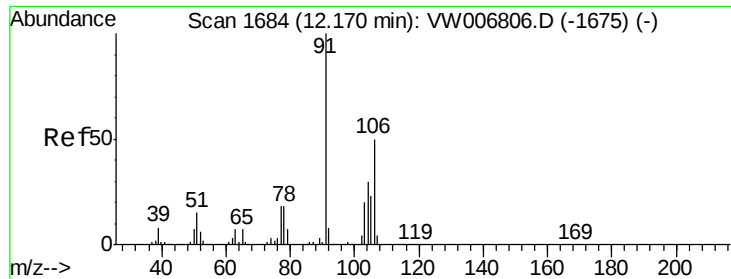
apatel
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#68
m/p-Xylenes
Concen: 42.449 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion: 106 Resp: 289135
Ion Ratio Lower Upper
106 100
91 195.4 155.7 233.5





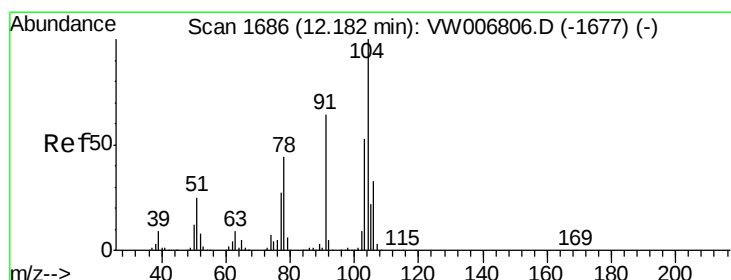
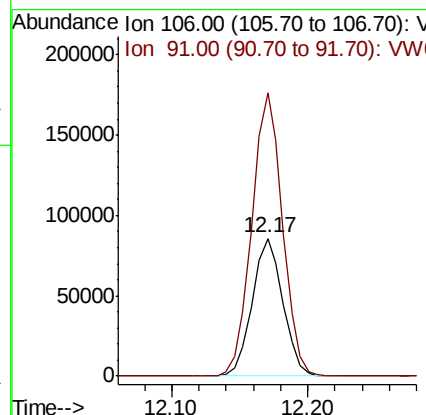
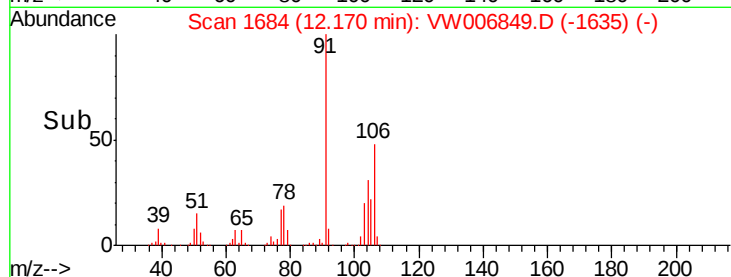
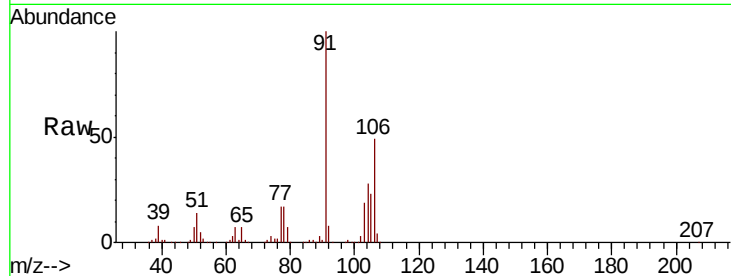
#69
o-Xylene
Concen: 21.259 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		134765		
91	206.2	101.9	305.7		

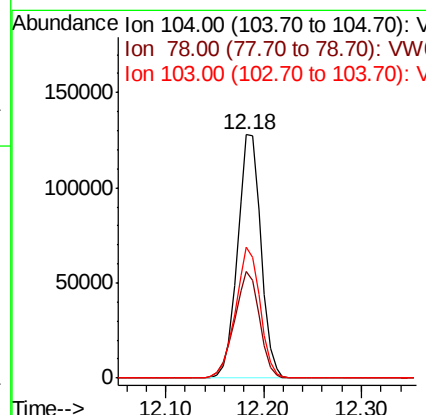
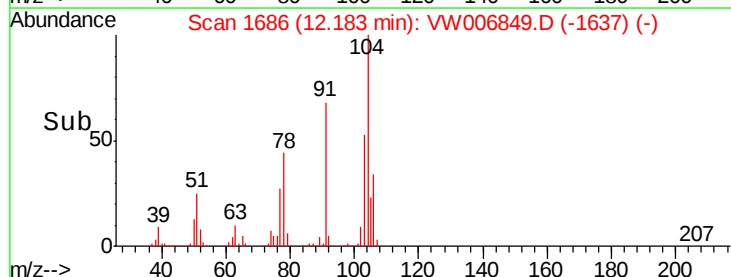
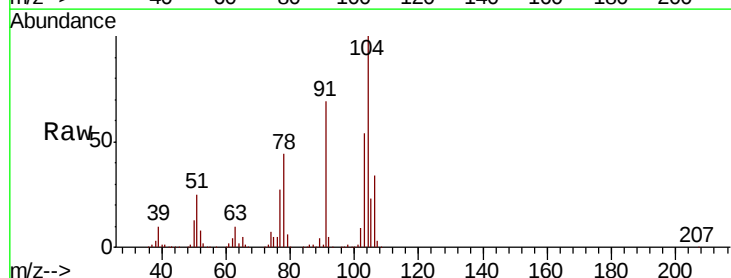
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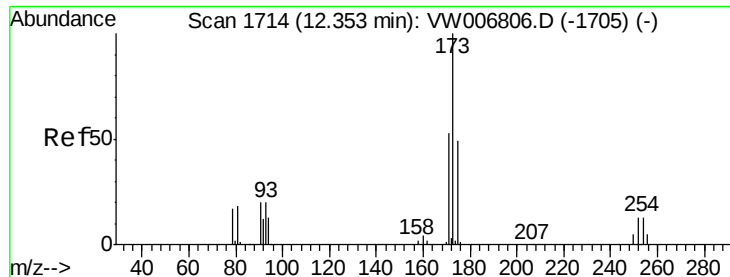
apatel
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#70
Styrene
Concen: 20.932 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		212384		
78	46.9	37.3	55.9		
103	56.2	44.6	66.8		





#71

Bromoform

Concen: 19.110 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion:173 Resp: 33046

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

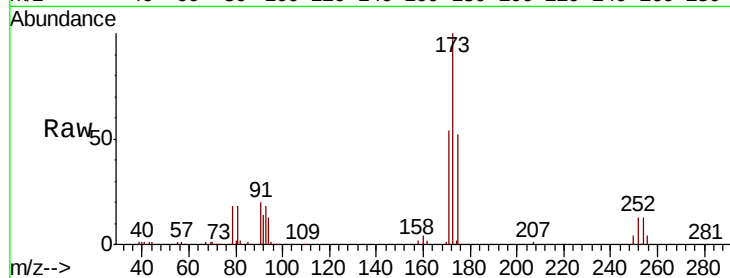
254 0.0 0.1 0.1#

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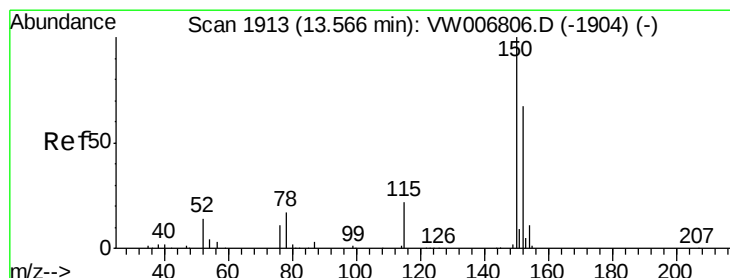
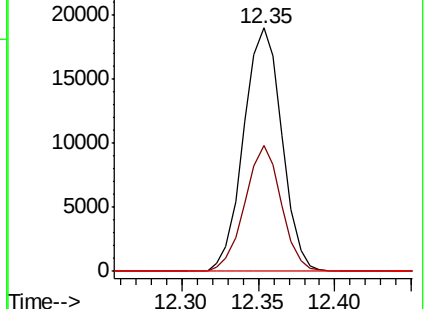
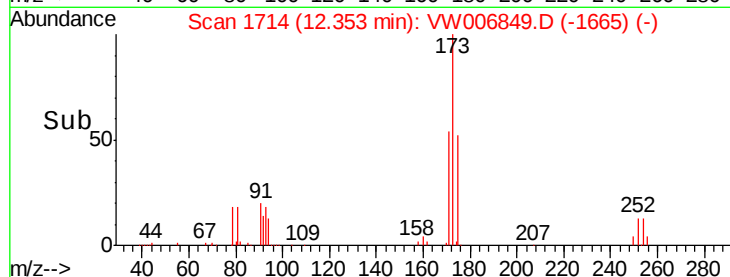
11/14/2018 12:48:42 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

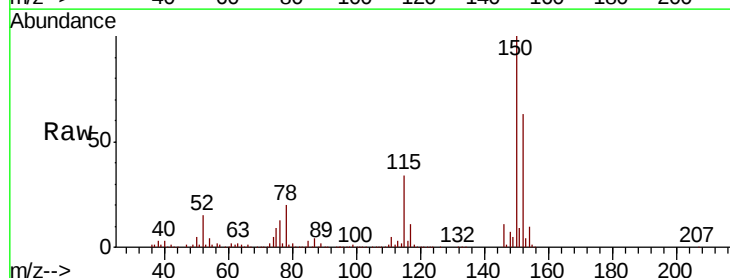
Tgt Ion:152 Resp: 251223

Ion Ratio Lower Upper

152 100

115 53.9 27.3 81.8

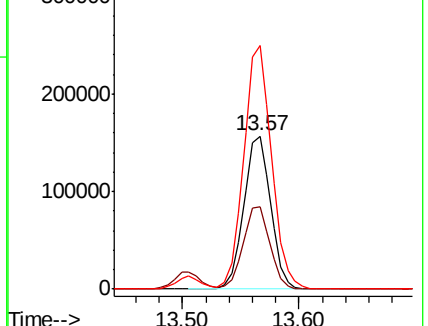
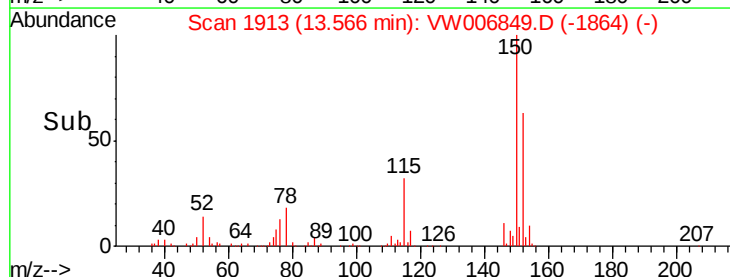
150 165.3 0.0 353.0

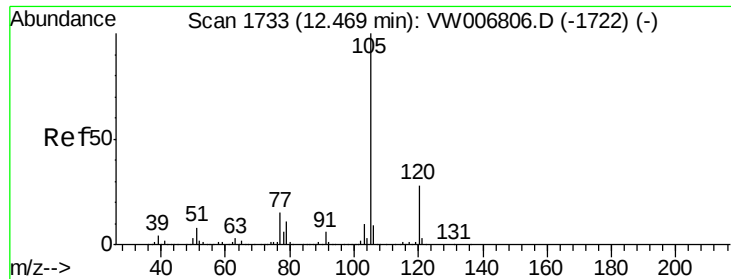


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





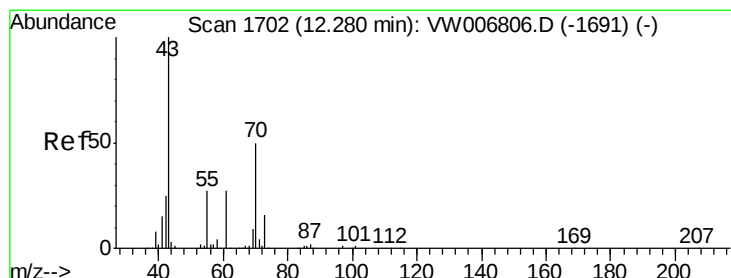
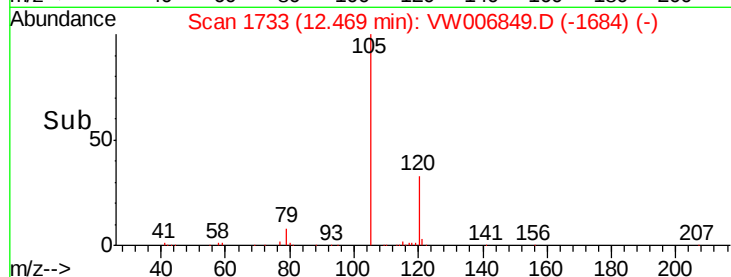
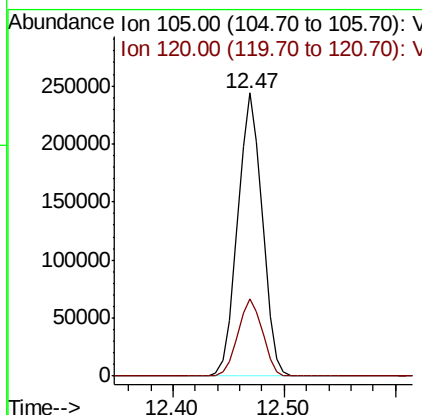
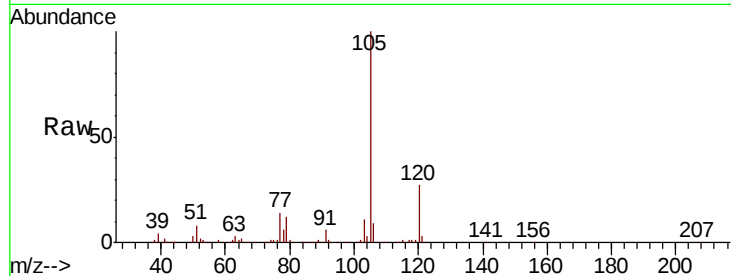
#73
Isopropylbenzene
Concen: 21.359 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	14.0	42.0

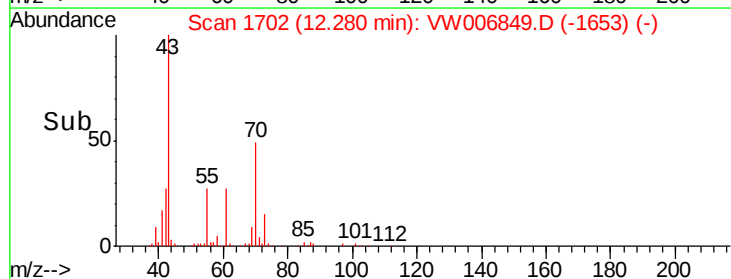
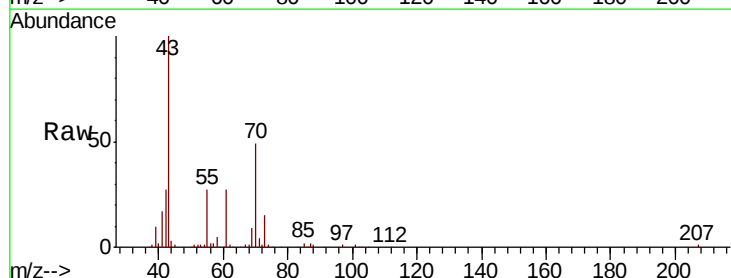
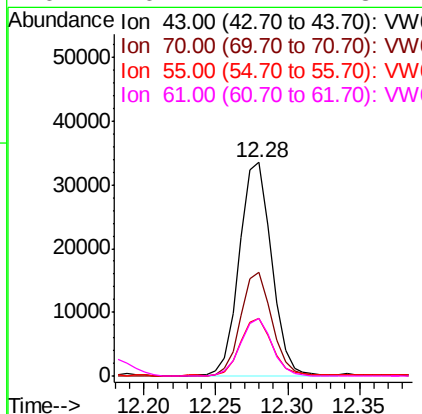
Manual Integrations
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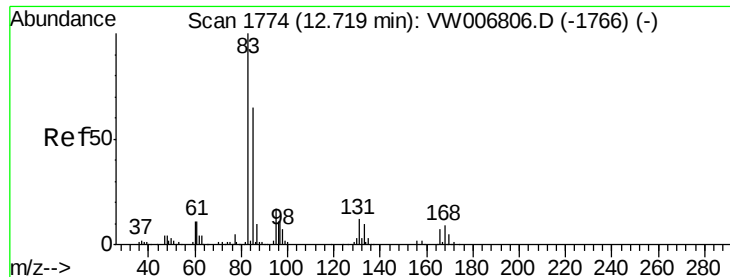
apatel
11/14/2018 12:48:42 PM



#74
N-ethyl acetate
Concen: 19.750 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.7	39.0	58.4
55	26.6	22.1	33.1
61	26.1	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.142 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

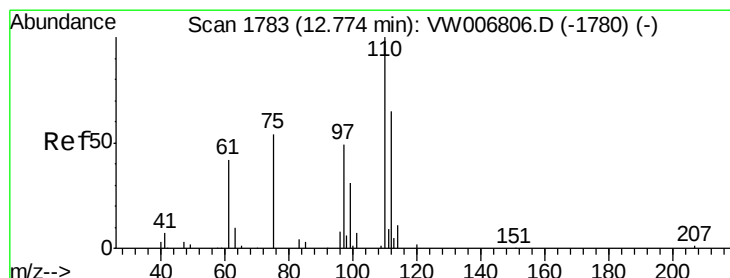
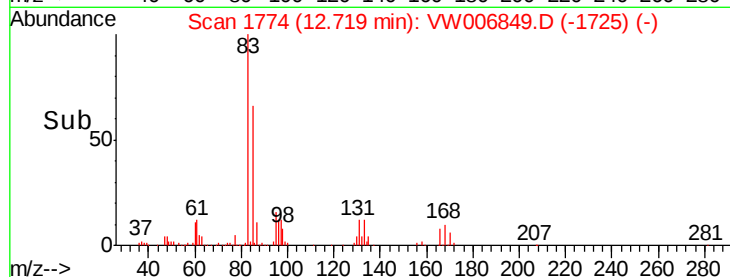
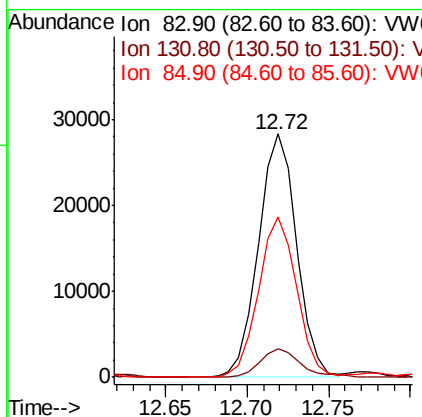
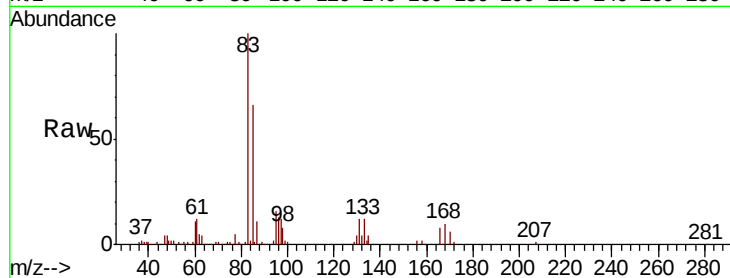
ClientSampleId :

VW1113SBS01

Tot Ion:	83	Resp:	46177
Ion Ratio	Lower	Upper	
83	100		
131	12.5	6.1	18.3
85	65.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.688 ug/l m

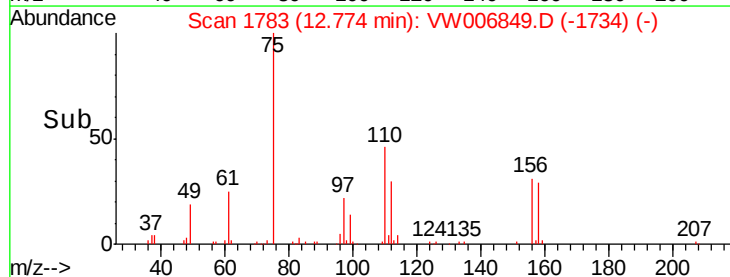
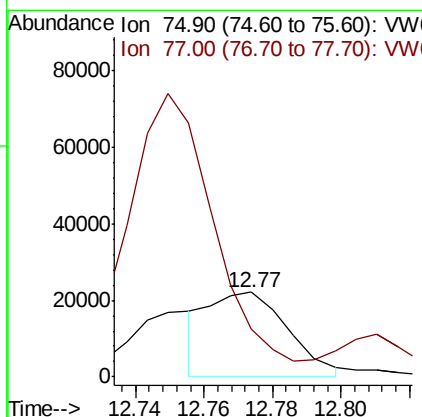
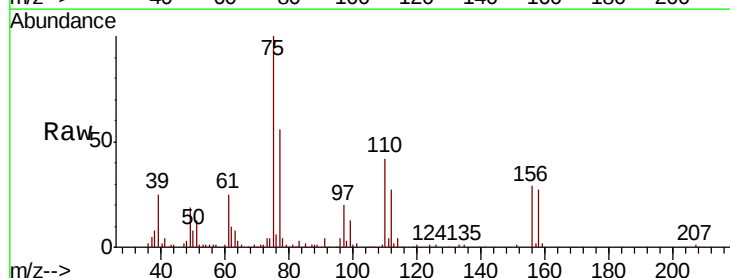
RT: 12.77 min Scan# 1783

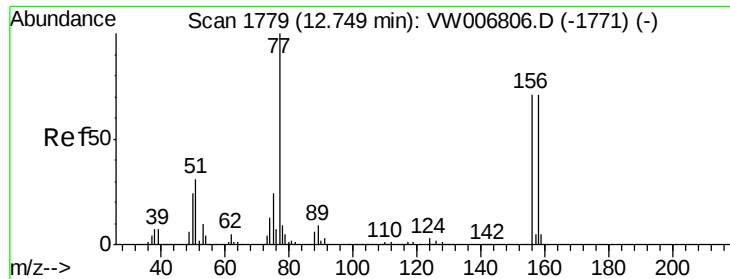
Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Tgt Ion:	75	Resp:	35645
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





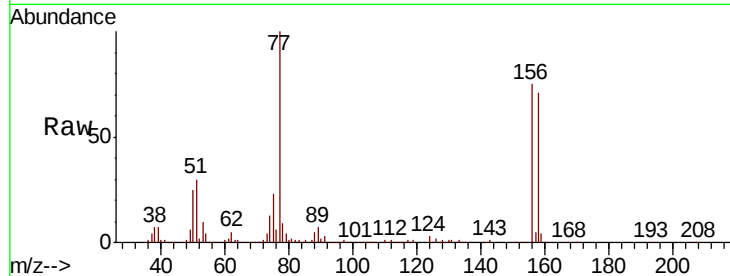
#77
Bromobenzene
Concen: 20.742 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

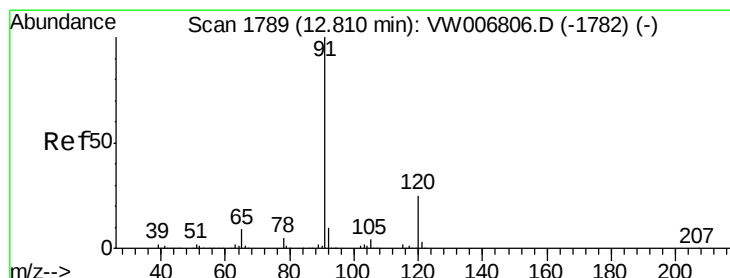
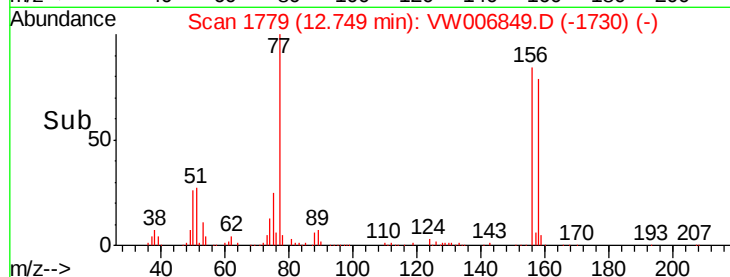
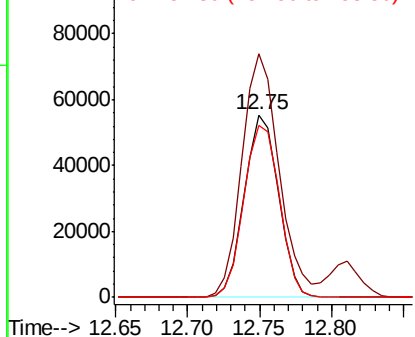
Tot Ion	Ratio	Lower	Upper
156	100		
77	144.6	75.3	225.7
158	97.9	49.2	147.6

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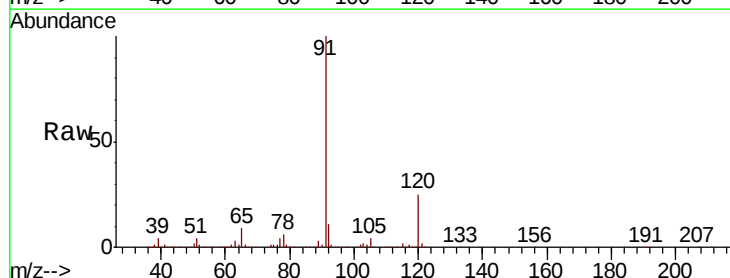


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

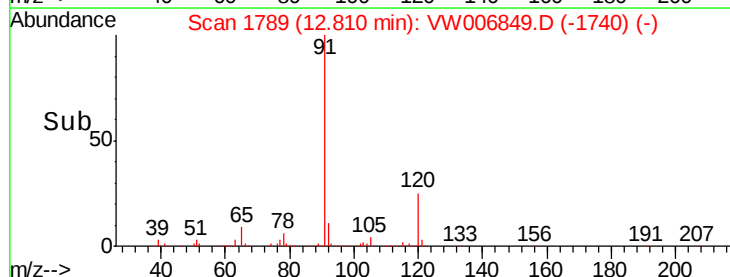
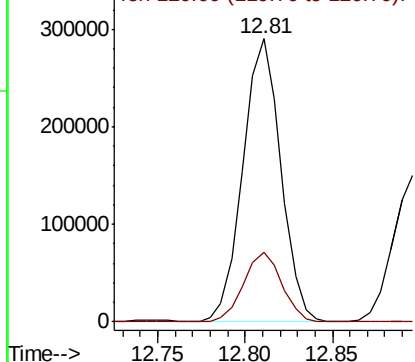


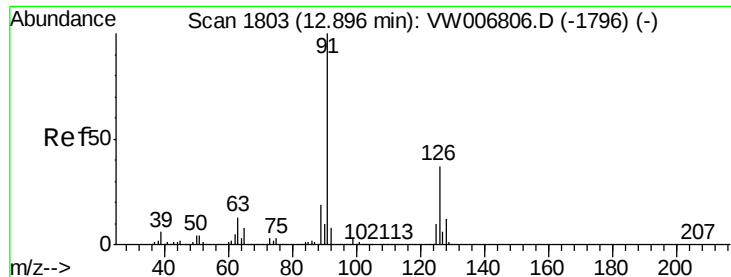
#78
n-propylbenzene
Concen: 21.234 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





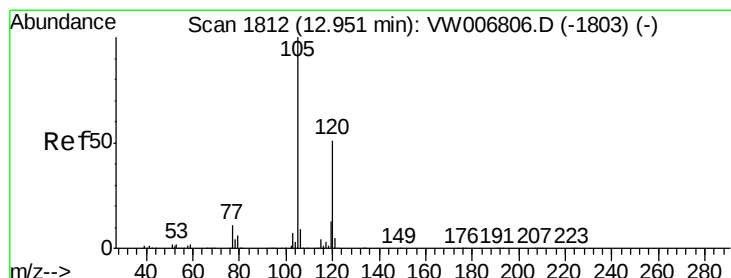
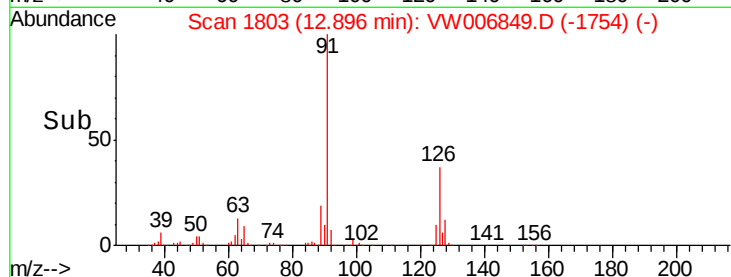
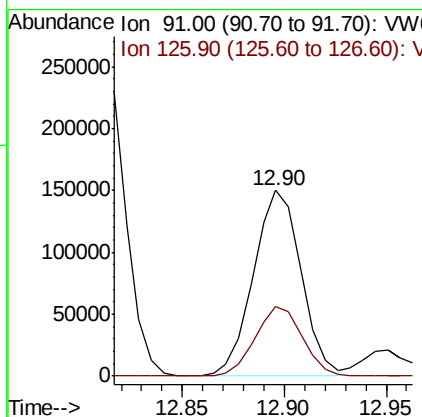
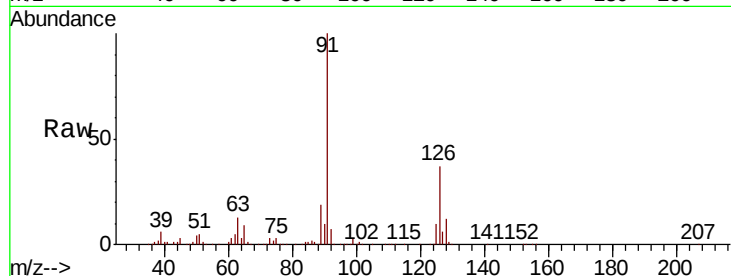
#79
2-Chlorotoluene
Concen: 21.178 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion: 91 Resp: 244541
Ion Ratio Lower Upper
91 100
126 37.3 18.5 55.5

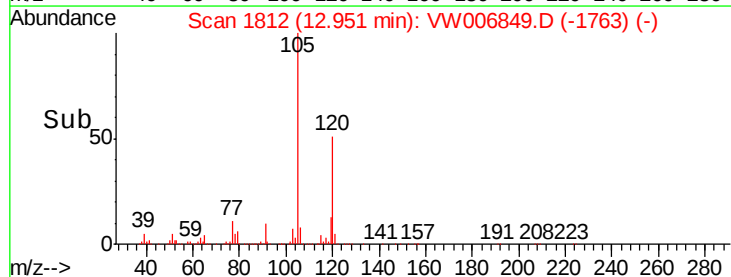
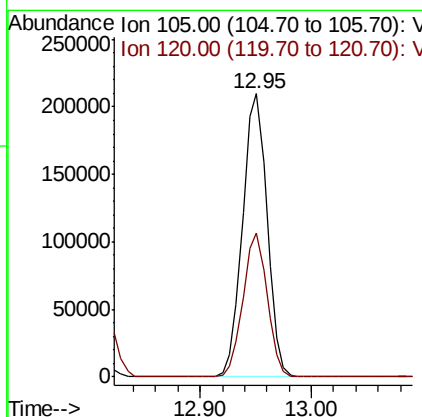
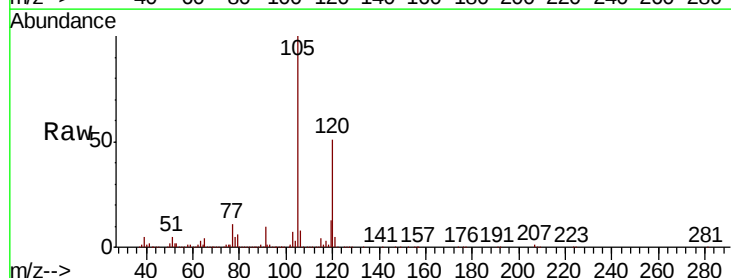
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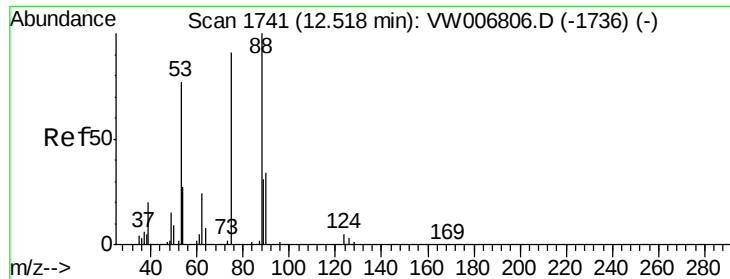
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#80
1,3,5-Trimethylbenzene
Concen: 21.441 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion: 105 Resp: 321421
Ion Ratio Lower Upper
105 100
120 50.4 25.3 75.9





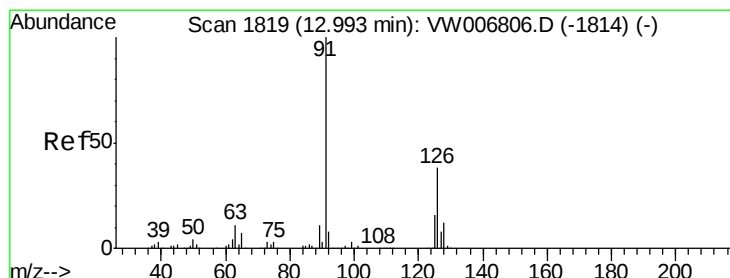
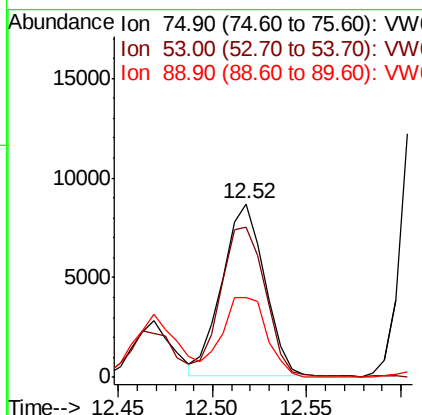
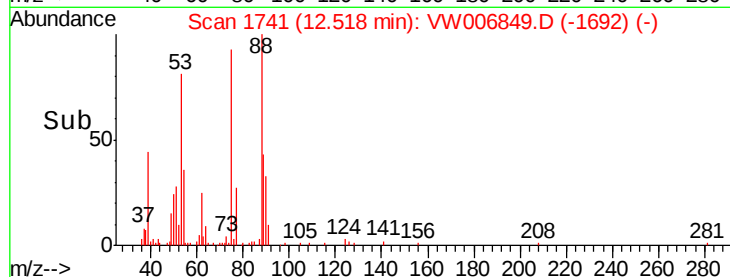
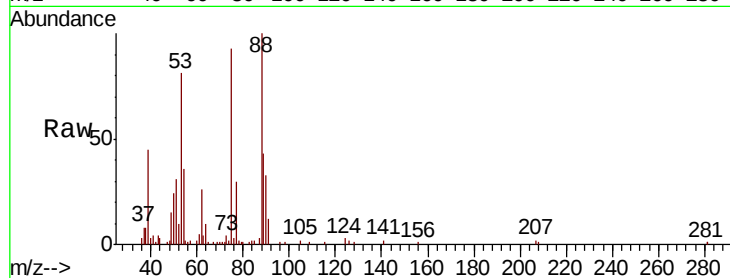
#81
trans-1,4-Dichloro-2-butene
Concen: 18.664 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	72.9	109.3
89	48.3	38.7	58.1

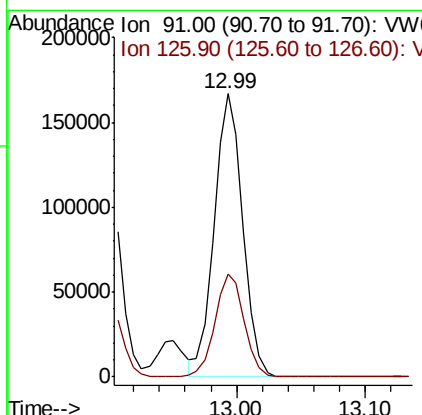
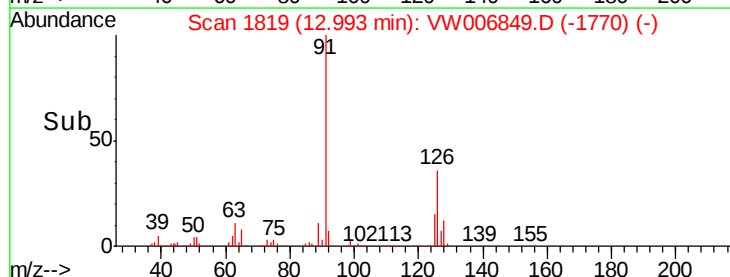
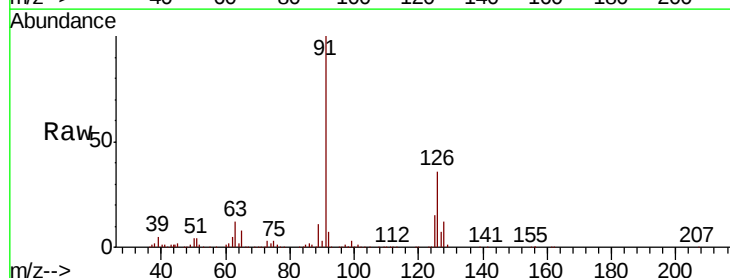
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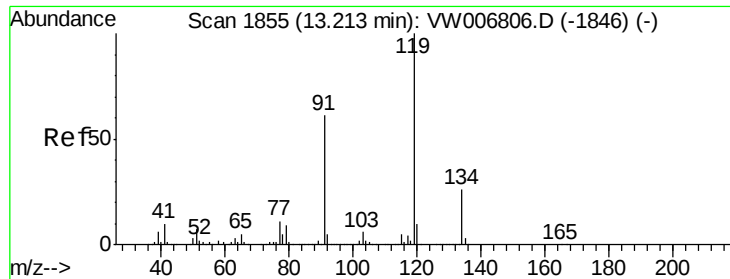
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#82
4-Chlorotoluene
Concen: 21.057 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.4	55.2





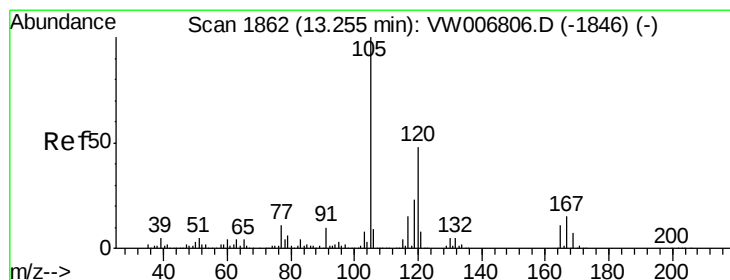
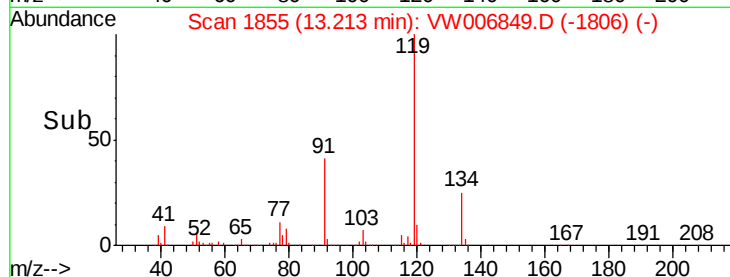
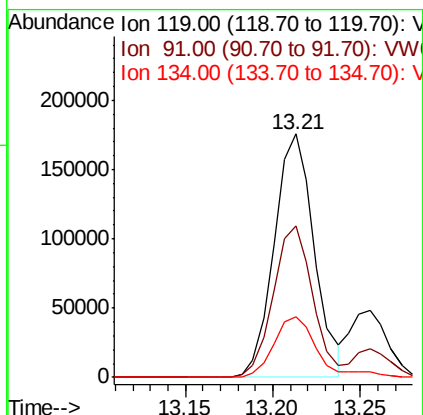
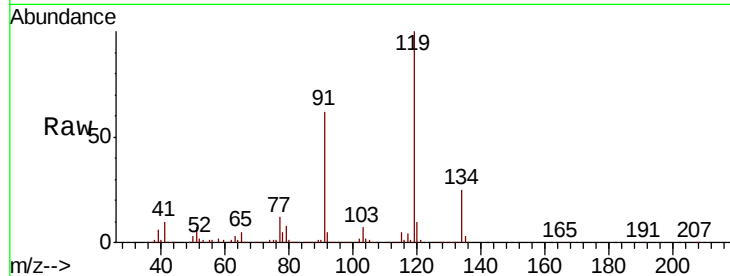
#83
tert-Butylbenzene
Concen: 21.220 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	281187		
91	60.9	30.0	90.1	
134	27.1	13.4	40.2	

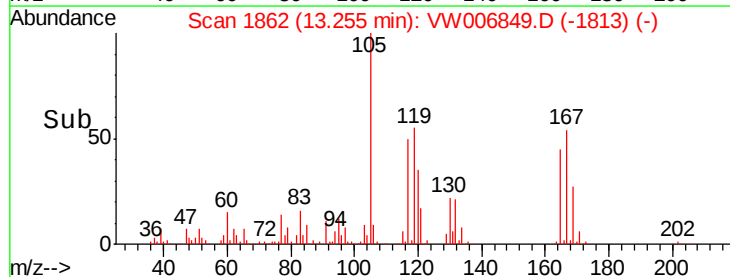
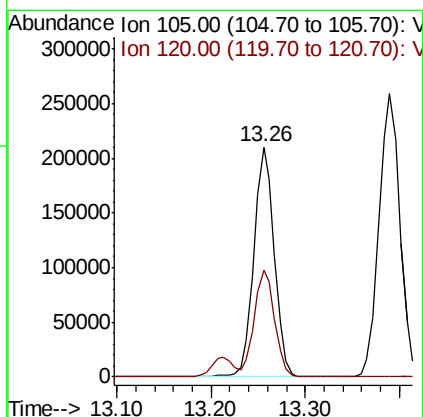
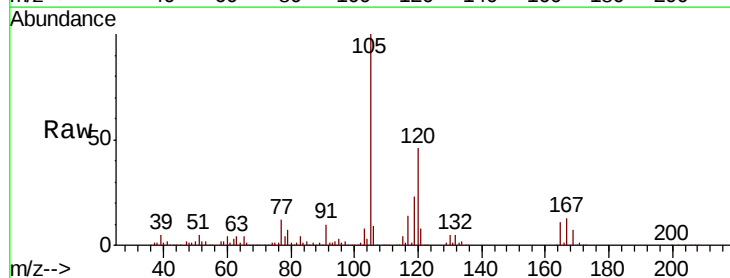
Manual Integrations
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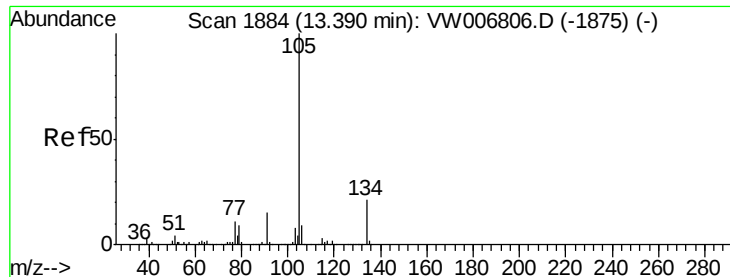
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#84
1,2,4-Trimethylbenzene
Concen: 21.066 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	321383		
120	46.3	23.4	70.0	





#85

sec-Butylbenzene

Concen: 21.220 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS01

Tot Ion:105 Resp: 398453

Ion Ratio Lower Upper

105 100

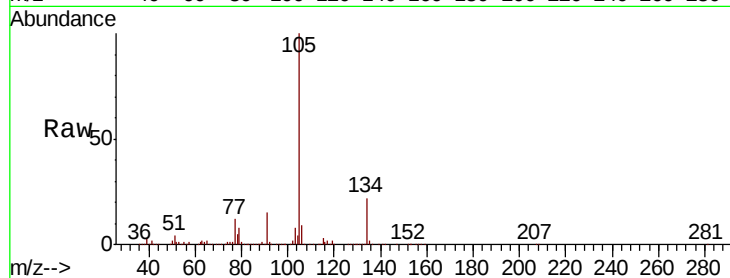
134 21.4 10.7 31.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

250000

200000

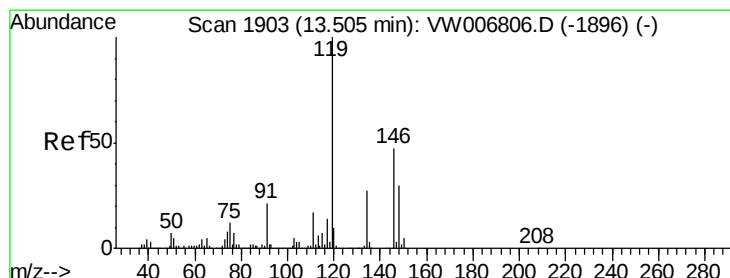
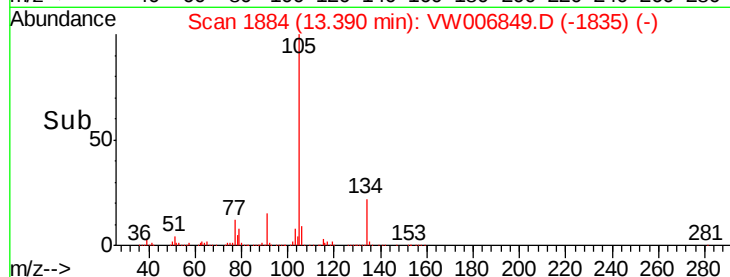
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.289 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

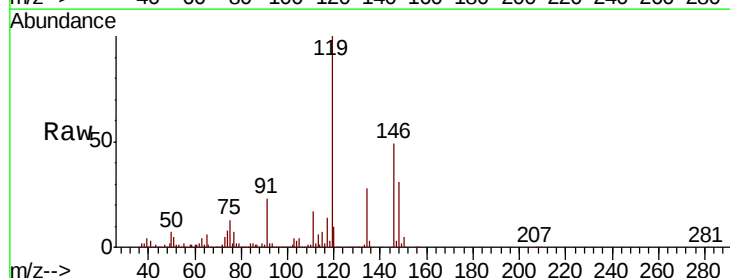
Tgt Ion:119 Resp: 363606

Ion Ratio Lower Upper

119 100

134 27.6 13.5 40.4

91 22.1 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

250000

200000

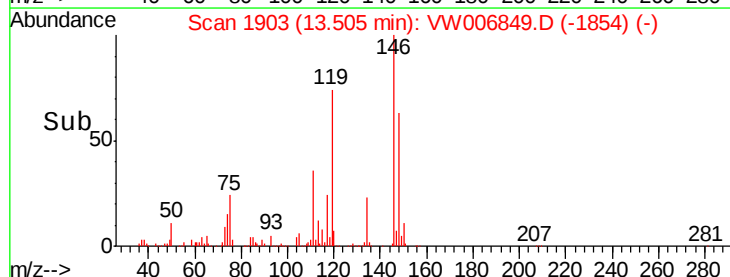
150000

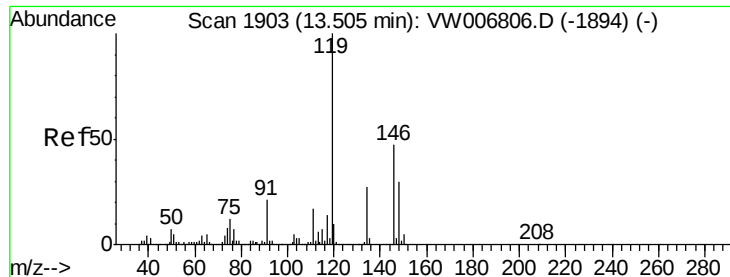
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.809 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

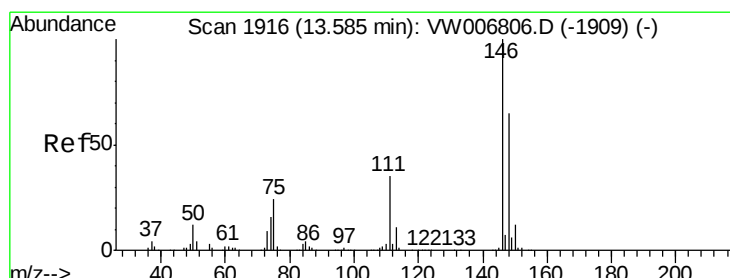
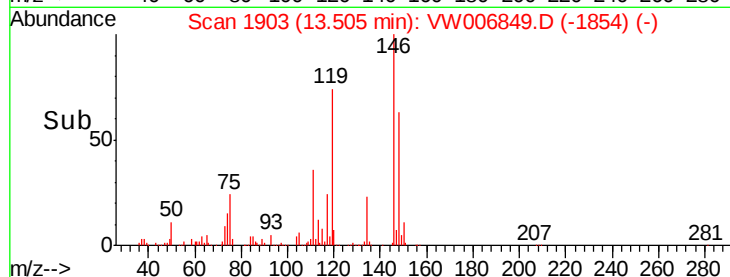
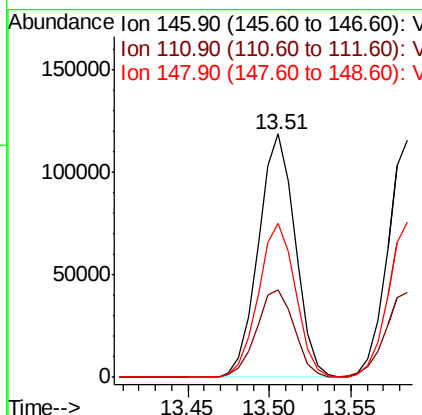
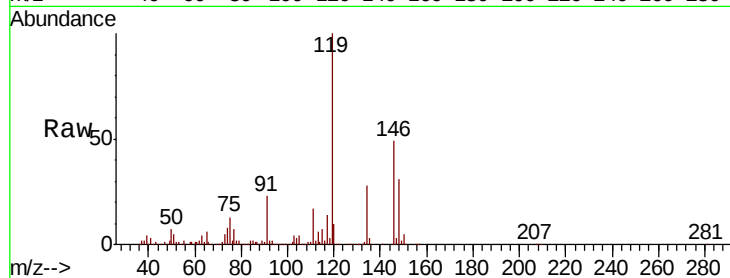
Instrument :
MSVOA_W

ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.3	54.9
148	63.8	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 20.887 ug/l

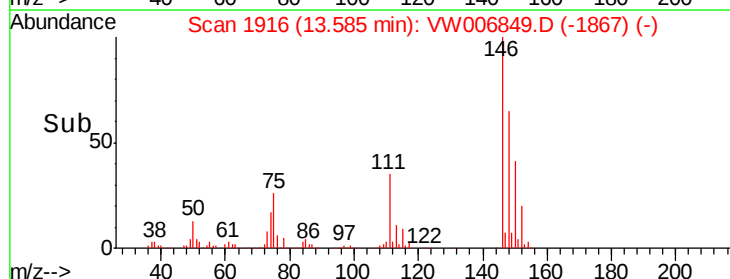
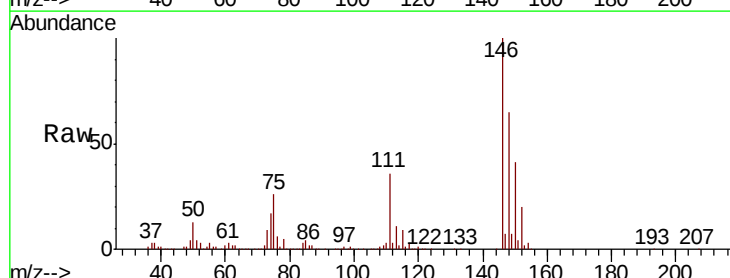
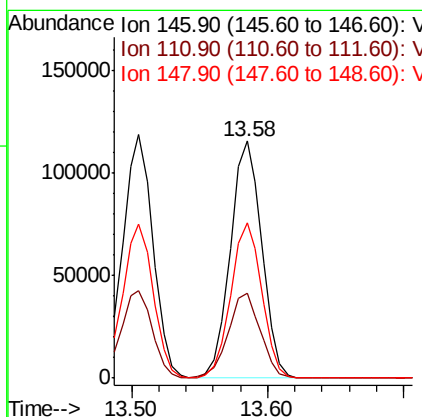
RT: 13.58 min Scan# 1916

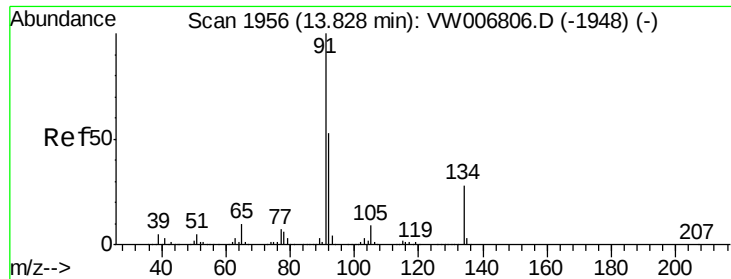
Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.8	53.3
148	64.5	32.0	96.0





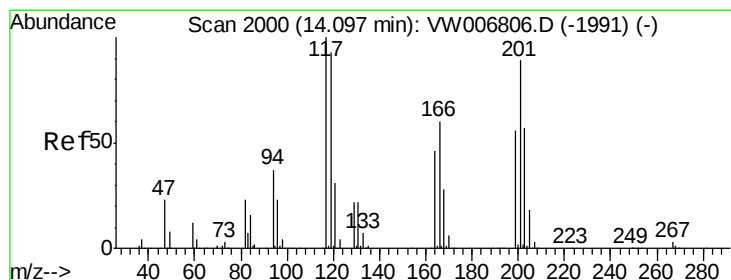
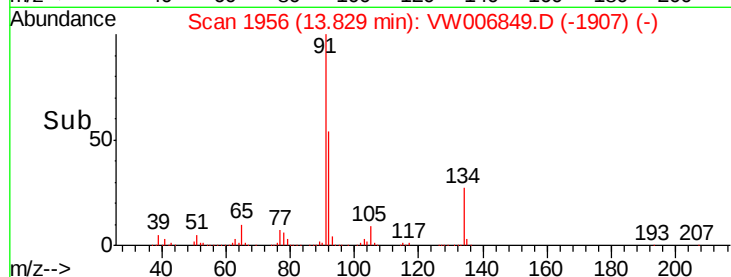
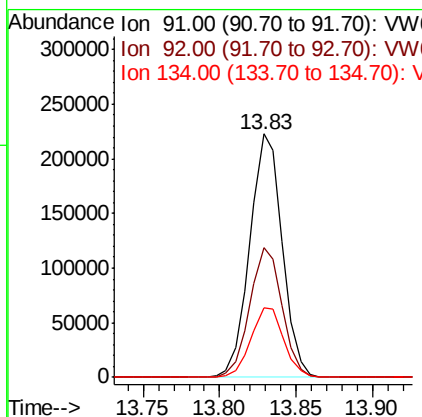
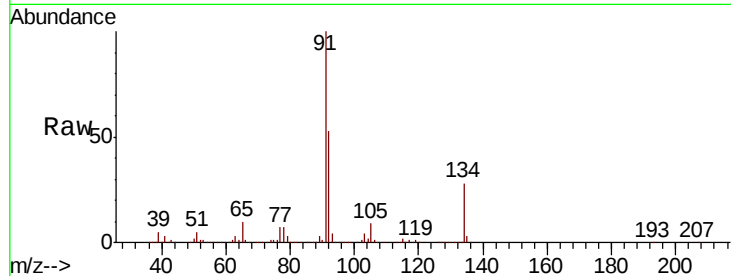
#89
n-Butylbenzene
Concen: 21.030 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.4
134	29.0	14.4	43.2

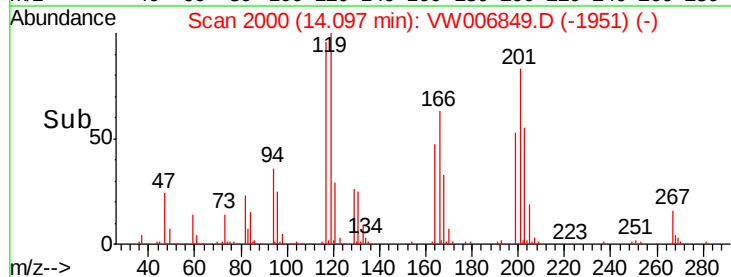
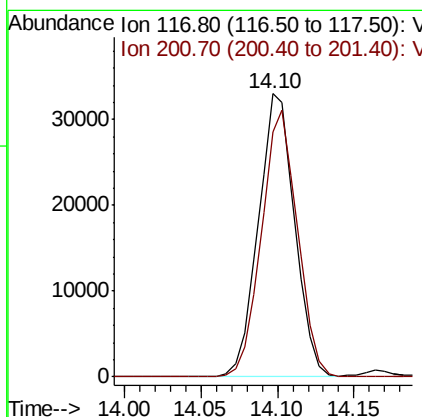
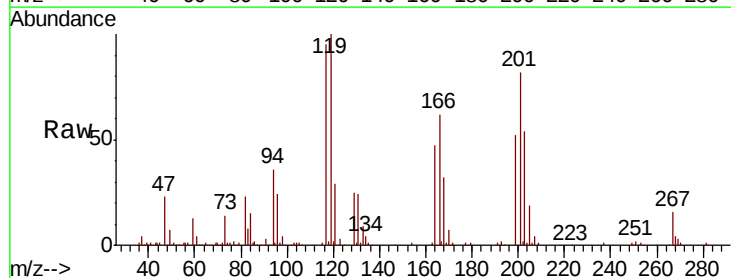
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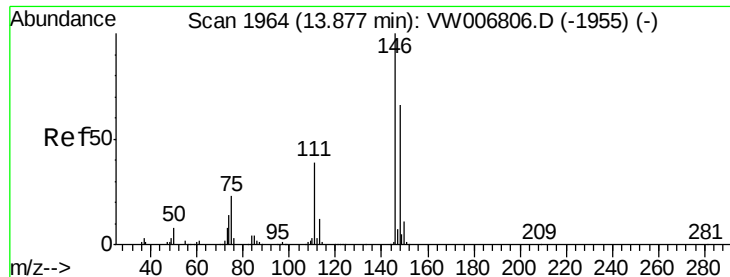
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#90
Hexachloroethane
Concen: 19.982 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.0	46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 20.966 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Instrument :

MSVOA_W

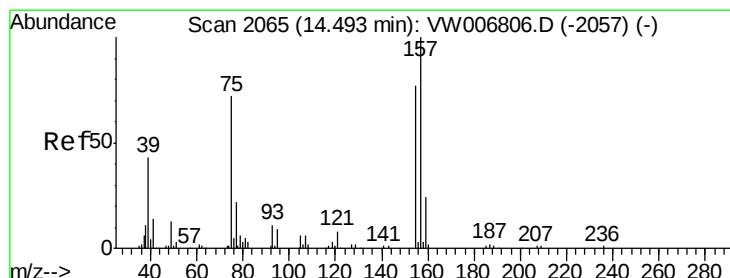
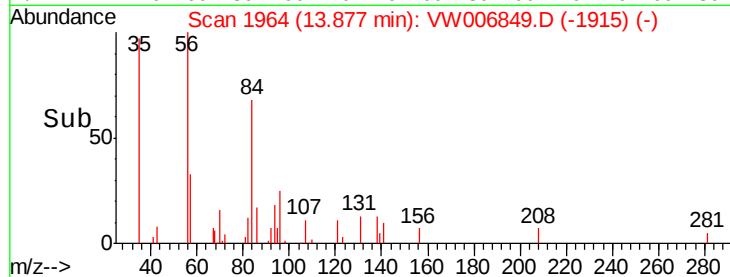
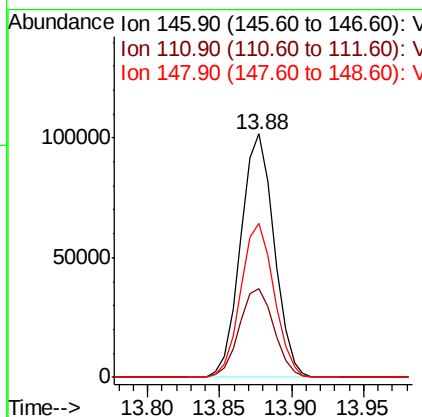
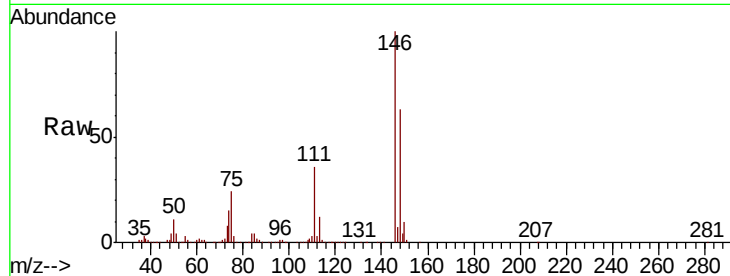
ClientSampleId :

VW1113SBS01

Tot Ion:	146	Resp:	163606
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.3	57.8
148	63.4	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.047 ug/l

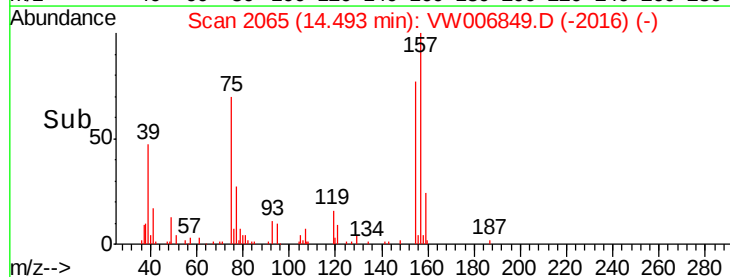
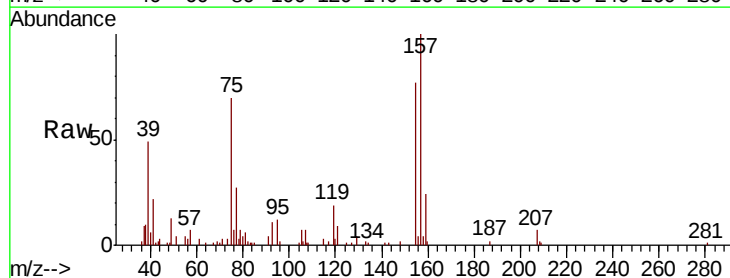
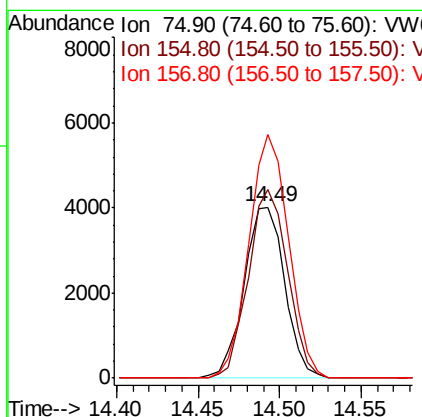
RT: 14.49 min Scan# 2065

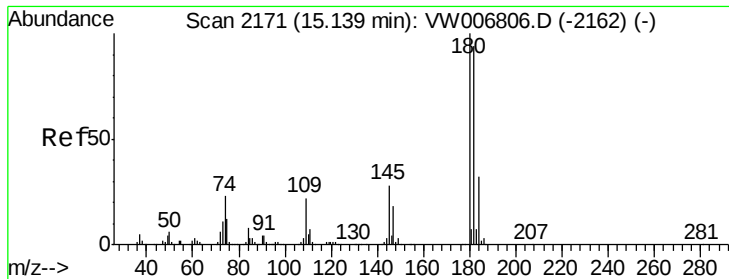
Delta R.T. 0.00 min

Lab File: VW006849.D

Acq: 13 Nov 2018 13:05

Tgt Ion:	75	Resp:	6970
Ion Ratio	Lower	Upper	
75	100		
155	107.0	51.0	153.1
157	139.5	67.4	202.2





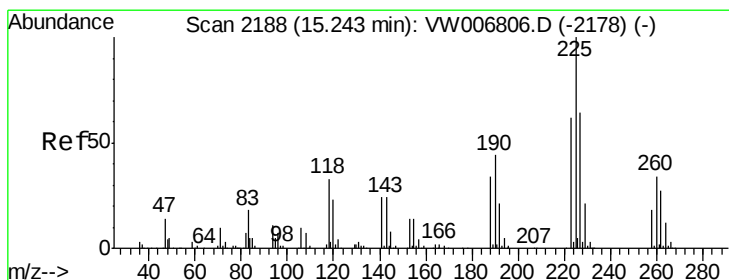
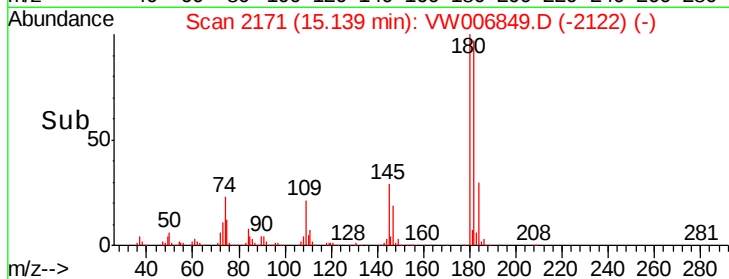
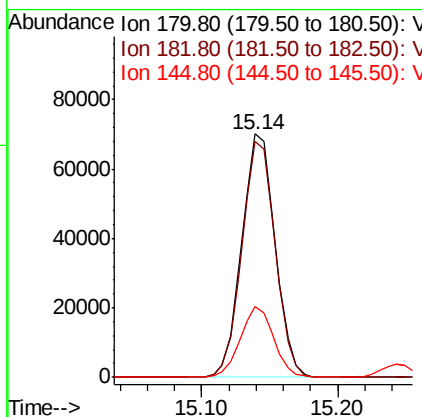
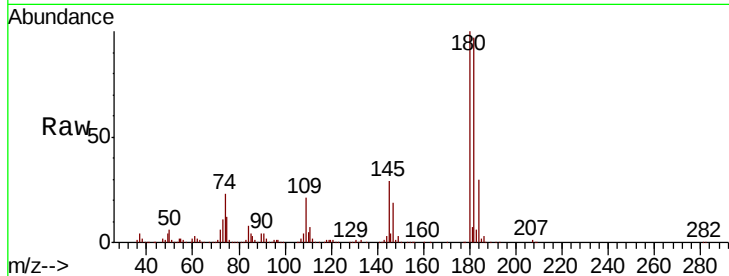
#93
 1,2,4-Trichlorobenzene
 Concen: 20.462 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	120553		
182	96.7	47.5	142.5	
145	29.5	14.0	41.9	

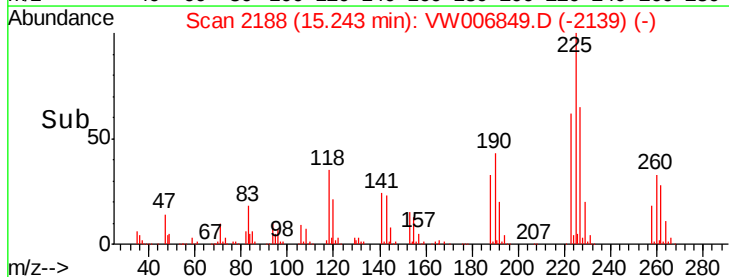
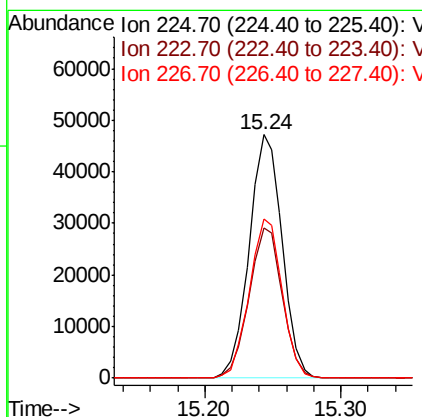
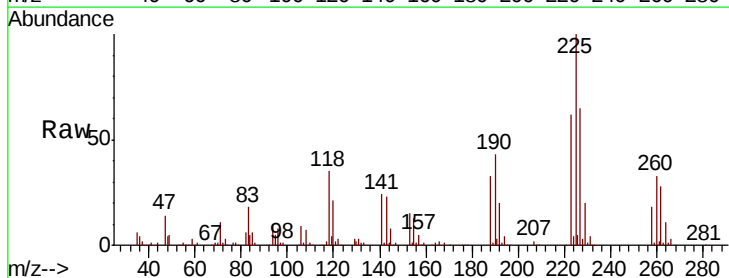
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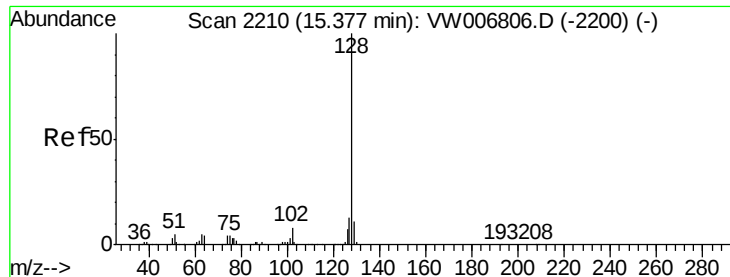
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#94
 Hexachlorobutadiene
 Concen: 21.438 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006849.D
 Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80032		
223	62.4	31.2	93.6	
227	64.9	32.3	96.9	





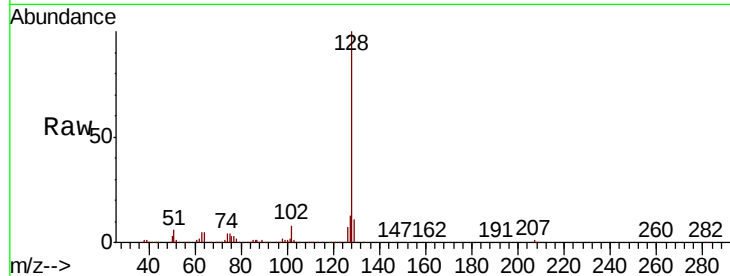
#95
Naphthalene
Concen: 19.902 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	13.0

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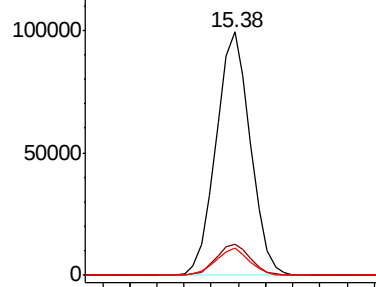


Abundance

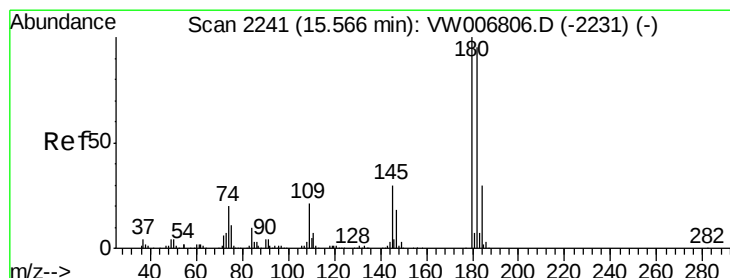
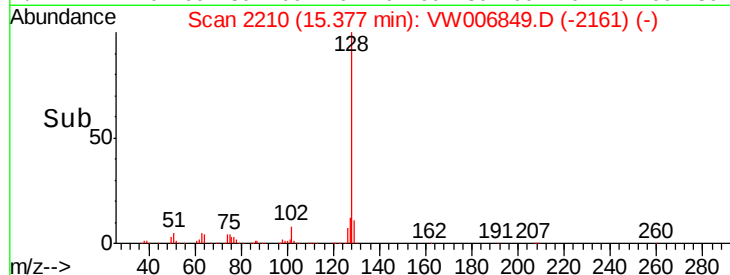
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

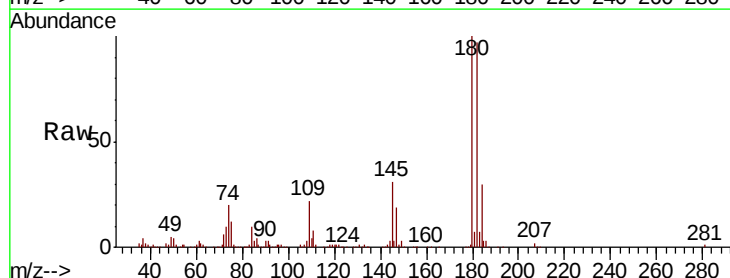


Time-->



#96
1,2,3-Trichlorobenzene
Concen: 19.943 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006849.D
Acq: 13 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	31.6	15.2	45.5

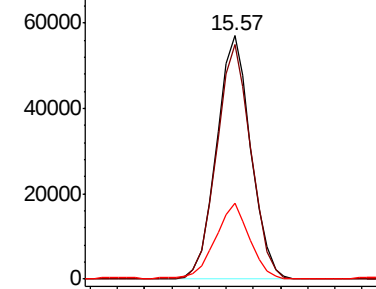


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

