

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005842.D
 Acq On : 04 Oct 2018 07:55
 Operator : SY/AP
 Sample : VW1004SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Manual Integrations
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Quant Time: Oct 04 09:20:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	277874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	278542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149284	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109934	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.89	113	89756	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.33	98	399720	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
62) 4-Bromofluorobenzene	12.62	95	146035	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	21398	20.821	ug/l	96
3) Chloromethane	2.21	50	22853	18.453	ug/l	98
4) Vinyl Chloride	2.37	62	33717	18.593	ug/l	96
5) Bromomethane	2.79	94	24318	19.243	ug/l	97
6) Chloroethane	2.93	64	21327	19.229	ug/l	91
7) Trichlorofluoromethane	3.26	101	25681	20.591	ug/l	99
8) Diethyl Ether	3.68	74	17698	18.713	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33219	19.259	ug/l	100
10) Methyl Iodide	4.26	142	53866	19.246	ug/l	97
11) Tert butyl alcohol	5.25	59	11650m	88.248	ug/l	
12) 1,1-Dichloroethene	4.03	96	32421	19.182	ug/l	99
13) Acrolein	3.90	56	12546	94.587	ug/l	96
14) Allyl chloride	4.67	41	51147	18.647	ug/l	96
15) Acrylonitrile	5.38	53	35368	88.250	ug/l	99
16) Acetone	4.14	43	32433	89.016	ug/l	96
17) Carbon Disulfide	4.38	76	97096	18.169	ug/l	100
18) Methyl Acetate	4.68	43	16469	15.894	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	52507	19.789	ug/l	95
20) Methylene Chloride	4.92	84	45199	17.705	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	36183	19.614	ug/l	92
22) Diisopropyl ether	6.31	45	105878	19.668	ug/l	95
23) Vinyl Acetate	6.26	43	286510	93.694	ug/l	98
24) 1,1-Dichloroethane	6.22	63	68064	19.486	ug/l	99
25) 2-Butanone	7.18	43	42828	83.562	ug/l	99
26) 2,2-Dichloropropane	7.17	77	42125	19.315	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	40684	19.785	ug/l	97
28) Bromochloromethane	7.52	49	23781	19.276	ug/l	98
29) Tetrahydrofuran	7.54	42	28149	88.967	ug/l	98
30) Chloroform	7.68	83	72933	19.483	ug/l	99
31) Cyclohexane	7.96	56	56559	18.941	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	65405	20.472	ug/l	99
36) 1,1-Dichloropropene	8.09	75	54455	19.715	ug/l	100
37) Ethyl Acetate	7.26	43	19534	16.993	ug/l	98
38) Carbon Tetrachloride	8.07	117	62986	20.466	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	59706	19.202	ug/l	97
40) Benzene	8.33	78	153973	19.234	ug/l	99
41) Methacrylonitrile	7.49	41	12732	18.534	ug/l	94
42) 1,2-Dichloroethane	8.40	62	52311	19.429	ug/l	99
43) Isopropyl Acetate	8.43	43	40837	17.972	ug/l	98
44) Trichloroethene	9.10	130	41174	19.461	ug/l	98
45) 1,2-Dichloropropane	9.37	63	35907	18.943	ug/l	95
46) Dibromomethane	9.46	93	19547	18.855	ug/l	98
47) Bromodichloromethane	9.65	83	52840	19.258	ug/l	97
48) Methyl methacrylate	9.44	41	18758	17.052	ug/l	90
49) 1,4-Dioxane	9.49	88	6121	377.885	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	112868	95.481	ug/l	99
52) Toluene	10.40	92	107419	21.054	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53995	20.155	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	61035	20.349	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30071	20.078	ug/l	97
56) Ethyl methacrylate	10.65	69	35468	19.774	ug/l	97
57) 1,3-Dichloropropane	10.94	76	50829	19.935	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	78163	105.998	ug/l	99
59) 2-Hexanone	10.98	43	75719	95.768	ug/l	99
60) Dibromochloromethane	11.13	129	37728	20.179	ug/l	97
61) 1,2-Dibromoethane	11.24	107	27759	19.953	ug/l	99
64) Tetrachloroethene	10.87	164	44697	20.558	ug/l	98
65) Chlorobenzene	11.66	112	118966	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	43913	19.452	ug/l	98
67) Ethyl Benzene	11.74	91	206742	19.824	ug/l	100
68) m/p-Xylenes	11.85	106	161293	40.137	ug/l	99
69) o-Xylene	12.17	106	73348	19.637	ug/l	99
70) Styrene	12.19	104	124178	19.600	ug/l	100
71) Bromoform	12.35	173	23243	18.703	ug/l #	98
73) Isopropylbenzene	12.47	105	211762	20.617	ug/l	100
74) N-amyl acetate	12.28	43	41339	18.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	34177	19.393	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24218m	17.851	ug/l	
77) Bromobenzene	12.75	156	50954	20.092	ug/l	98
78) n-propylbenzene	12.81	91	252112	20.636	ug/l	99
79) 2-Chlorotoluene	12.90	91	147263	20.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	182436	20.453	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	9982	18.598	ug/l	99
82) 4-Chlorotoluene	12.99	91	159914	20.849	ug/l	100
83) tert-Butylbenzene	13.21	119	153048	20.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	190324	20.781	ug/l	97
85) sec-Butylbenzene	13.39	105	215868	20.103	ug/l	100
86) p-Isopropyltoluene	13.51	119	199991	20.749	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99933	19.534	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99272	19.448	ug/l	98
89) n-Butylbenzene	13.83	91	177581	20.004	ug/l	99
90) Hexachloroethane	14.10	117	35950	19.837	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	91826	19.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6478	19.013	ug/l	98

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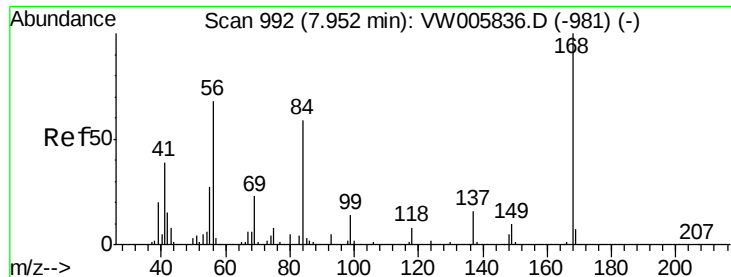
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	64385	20.030	ug/l	100
94) Hexachlorobutadiene	15.24	225	40866	20.105	ug/l	99
95) Naphthalene	15.38	128	104859	18.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	56866	19.677	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion:168 Resp: 179962

Ion Ratio Lower Upper

168 100

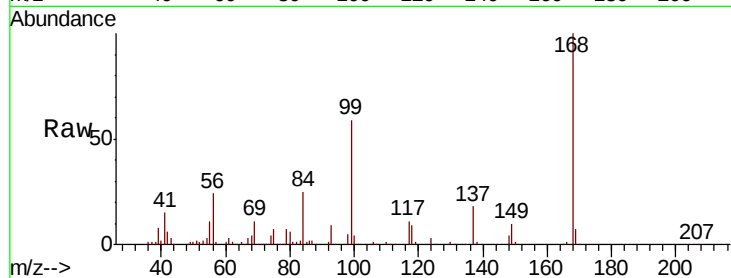
99 59.2 45.4 68.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

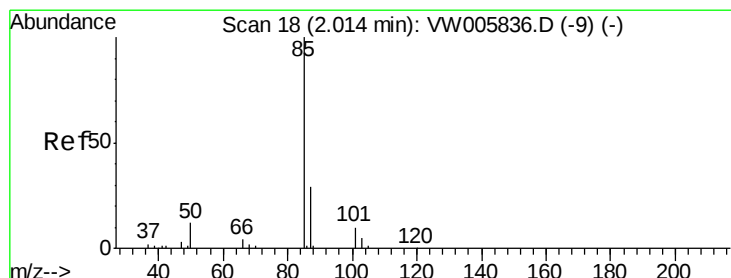
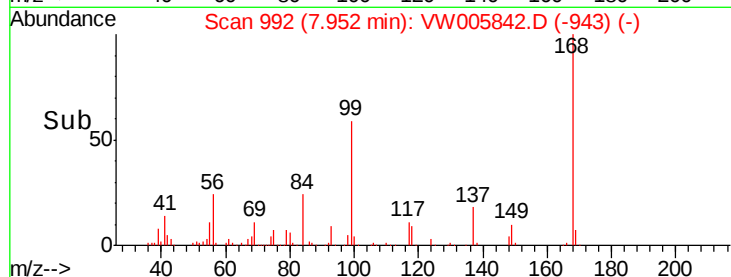
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.821 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005842.D

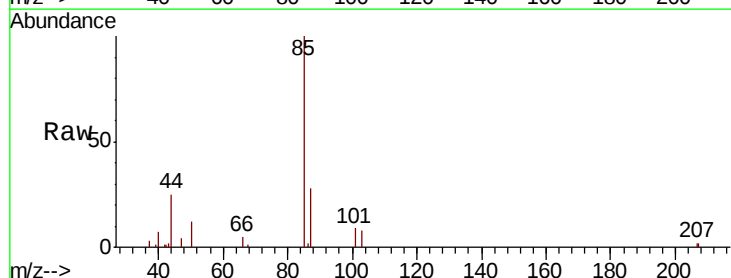
Acq: 04 Oct 2018 07:55

Tgt Ion: 85 Resp: 21398

Ion Ratio Lower Upper

85 100

87 27.6 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

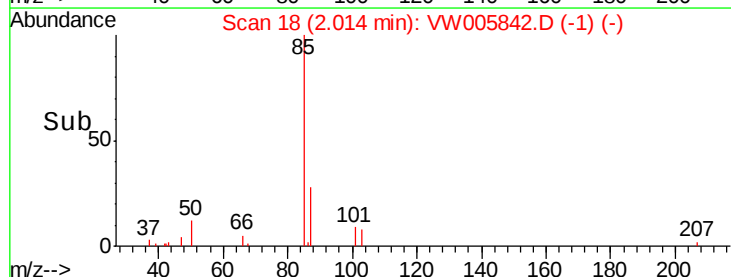
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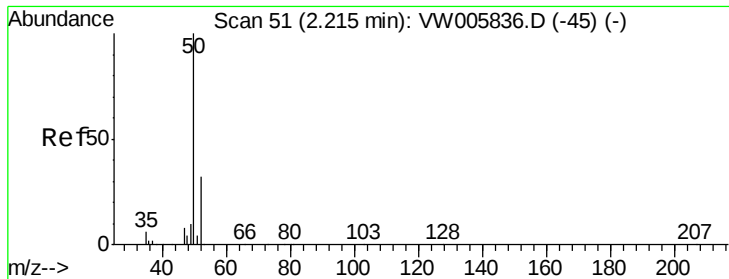
2000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 18.453 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion: 50 Resp: 22853

Ion Ratio Lower Upper

50 100

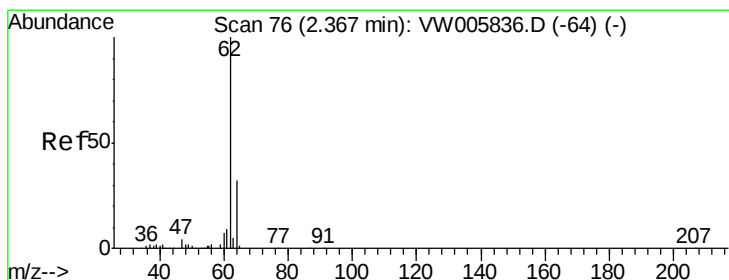
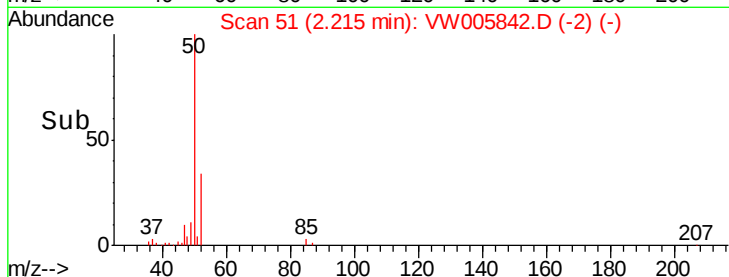
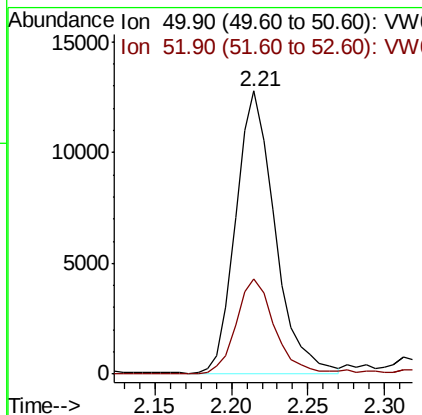
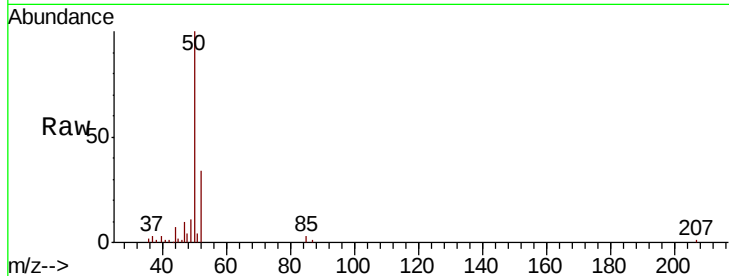
52 33.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.593 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005842.D

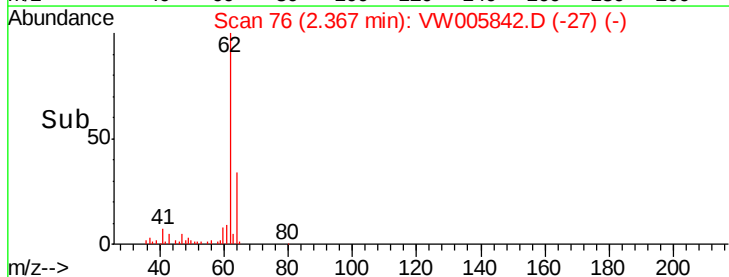
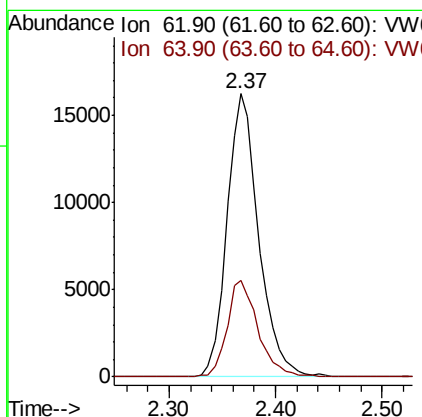
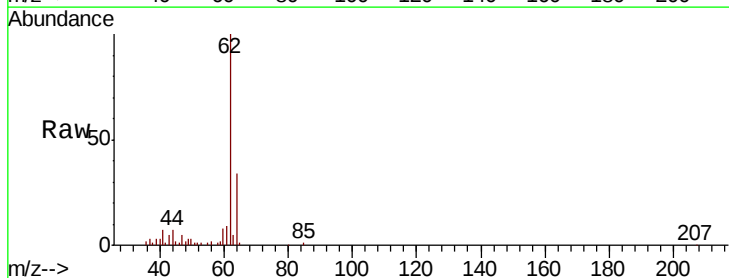
Acq: 04 Oct 2018 07:55

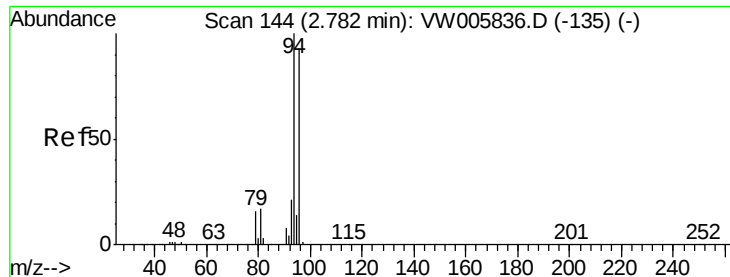
Tgt Ion: 62 Resp: 33717

Ion Ratio Lower Upper

62 100

64 34.3 25.7 38.5





#5

Bromomethane

Concen: 19.243 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion: 94 Resp: 24318

Ion Ratio Lower Upper

94 100

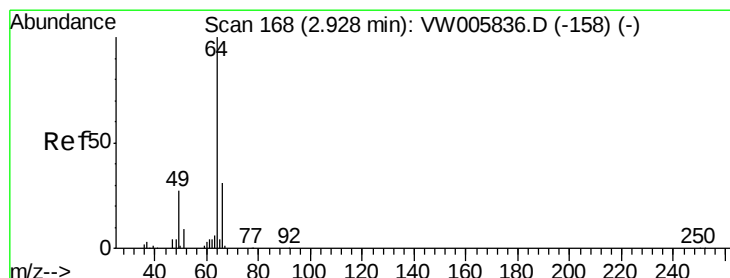
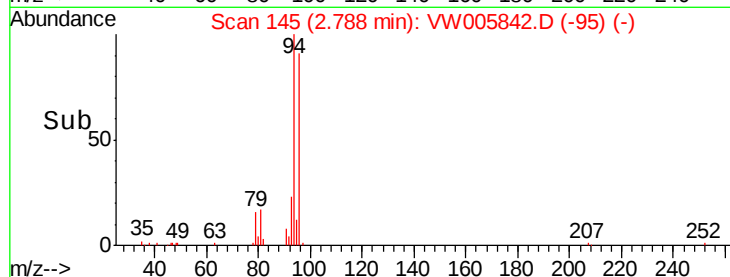
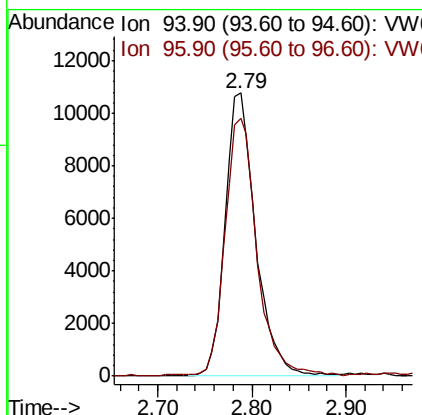
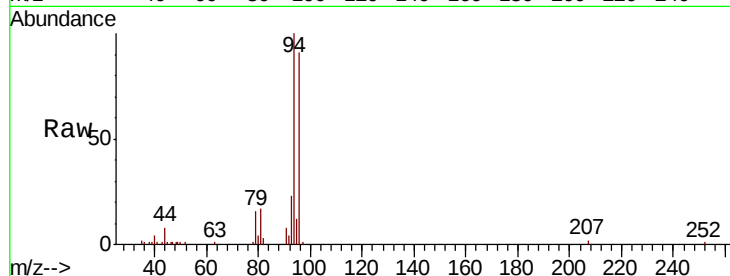
96 90.5 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 19.229 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005842.D

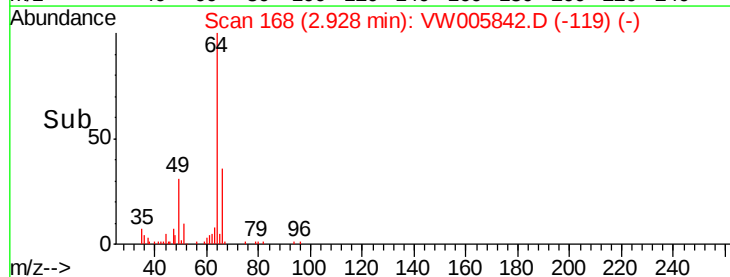
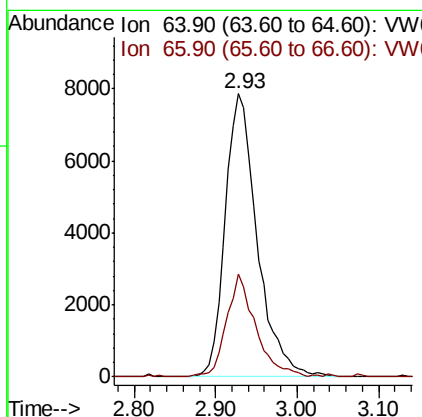
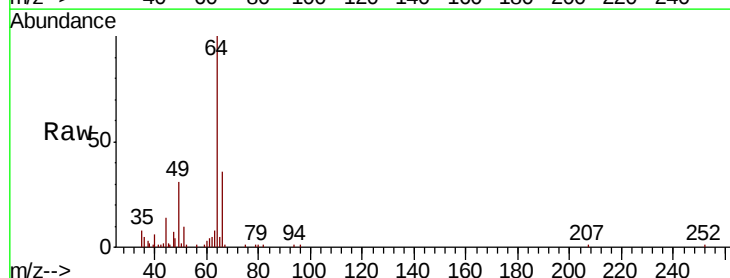
Acq: 04 Oct 2018 07:55

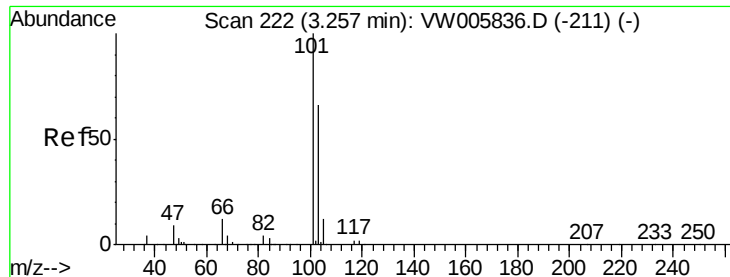
Tgt Ion: 64 Resp: 21327

Ion Ratio Lower Upper

64 100

66 36.3 25.0 37.6





#7

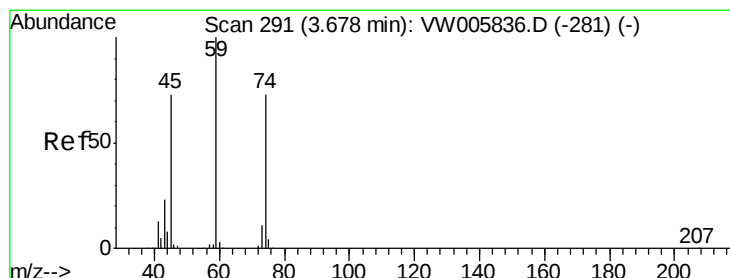
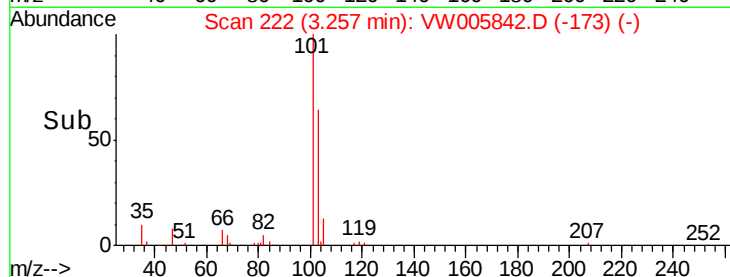
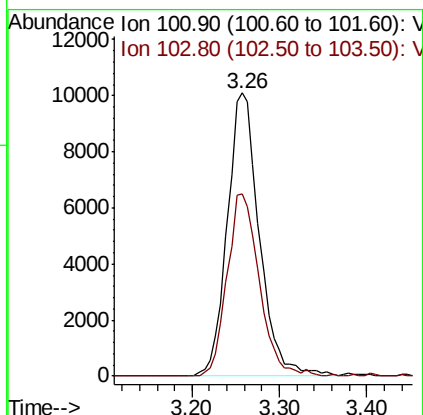
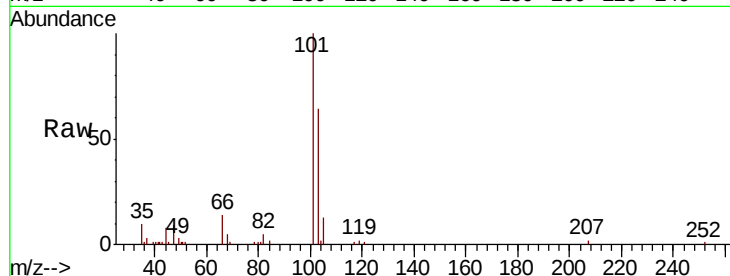
Trichlorofluoromethane
 Concen: 20.591 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005842.D
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 VW1004SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.5	78.7

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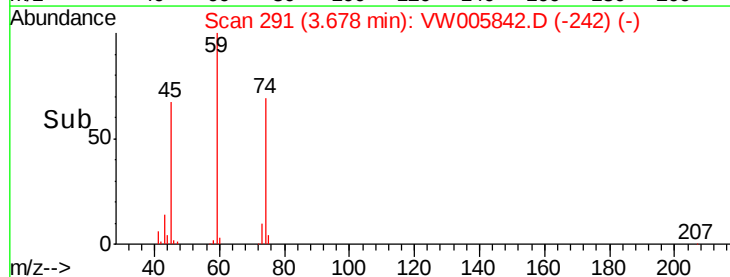
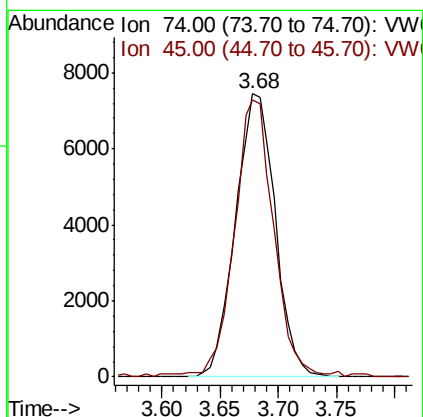
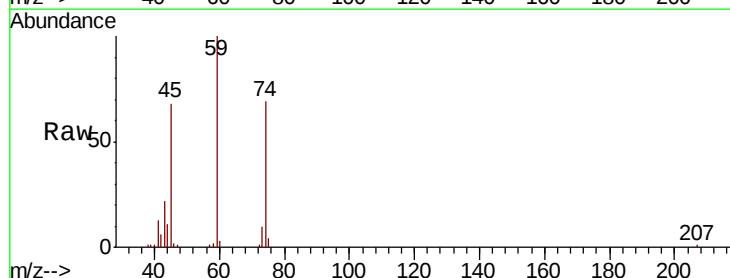
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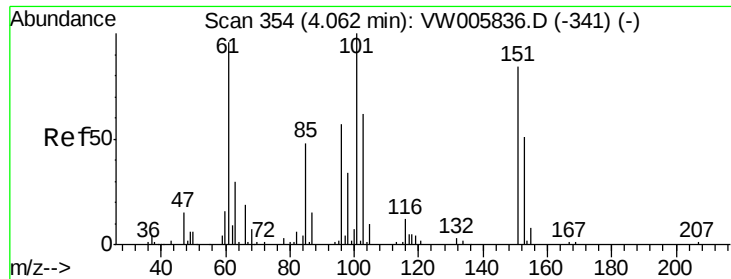


#8

Diethyl Ether
 Concen: 18.713 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.259 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

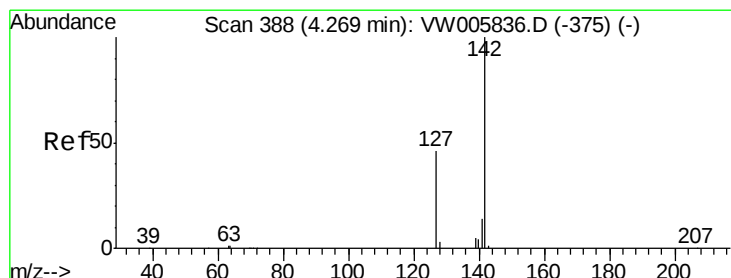
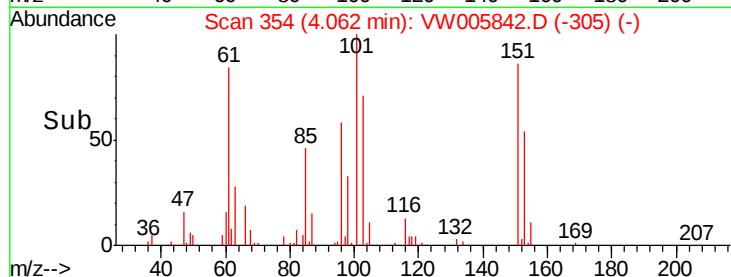
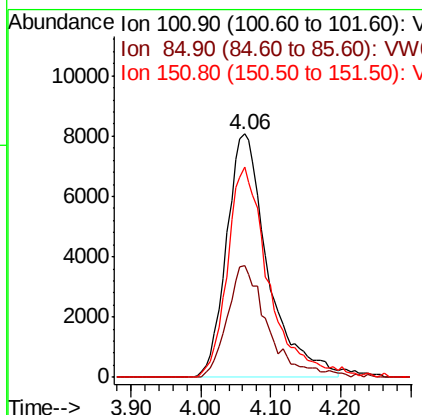
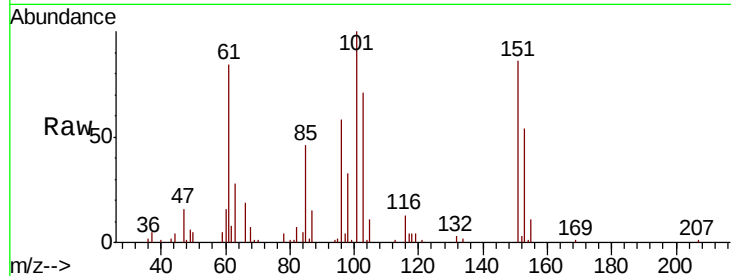
ClientSampleId :

VW1004SBS01

Tot Ion:	101	Resp:	33219
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.5	53.3
151	84.5	67.4	101.2

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#10

Methyl Iodide

Concen: 19.246 ug/l

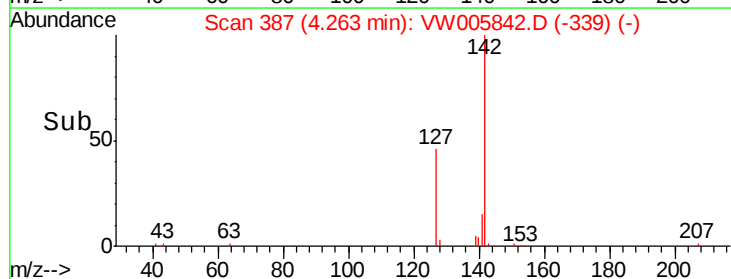
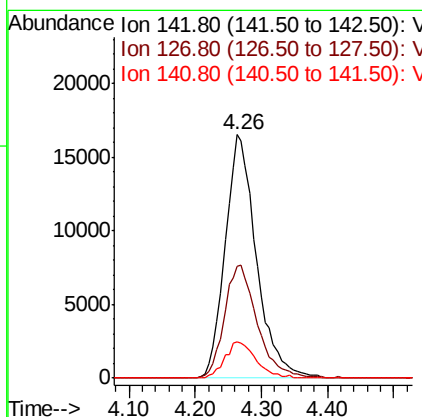
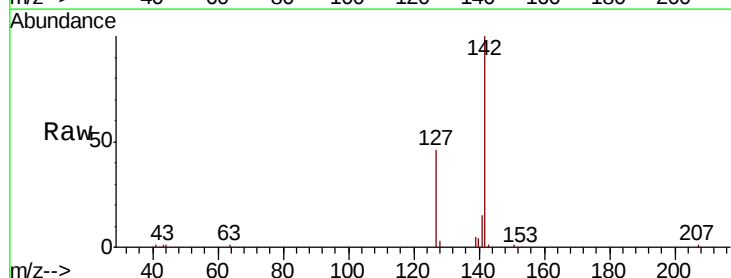
RT: 4.26 min Scan# 387

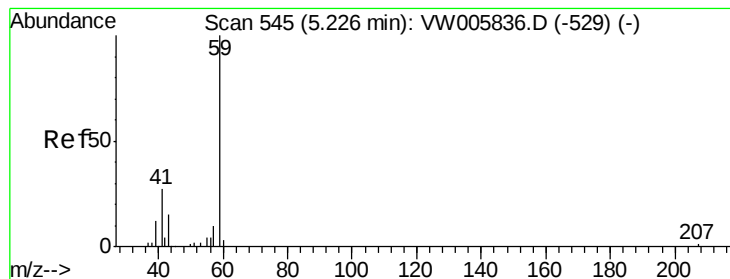
Delta R.T. -0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion:	142	Resp:	53866
Ion Ratio	Lower	Upper	
142	100		
127	48.8	37.4	56.0
141	14.9	12.2	18.2





#11

Tert butyl alcohol

Concen: 88.248 ug/l m

RT: 5.25 min Scan# 549

Delta R.T. 0.02 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion: 59 Resp: 11650

Ion Ratio Lower Upper

59 100

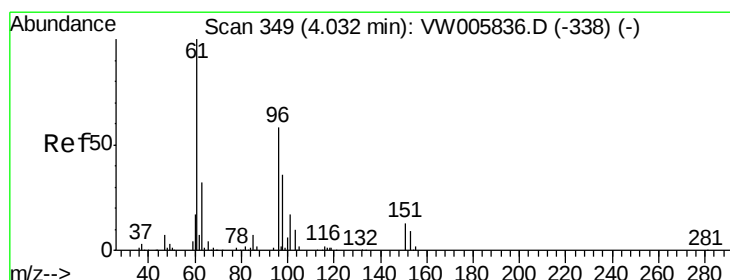
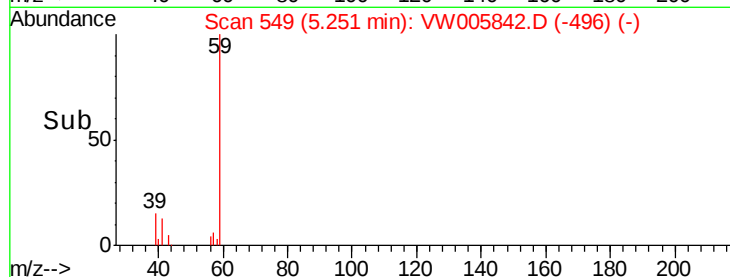
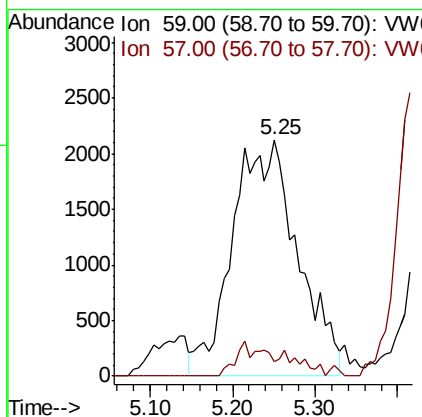
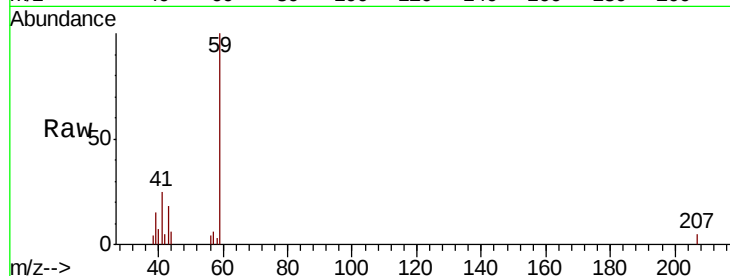
57 4.5 4.9 7.3#

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#12

1,1-Dichloroethene

Concen: 19.182 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

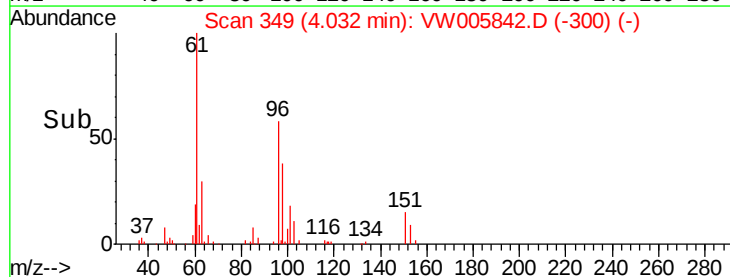
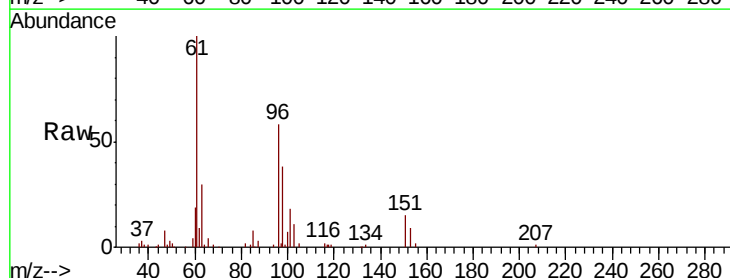
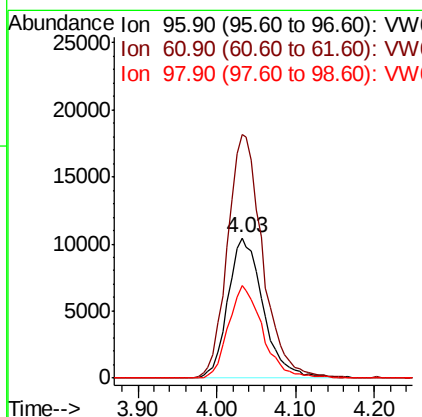
Tgt Ion: 96 Resp: 32421

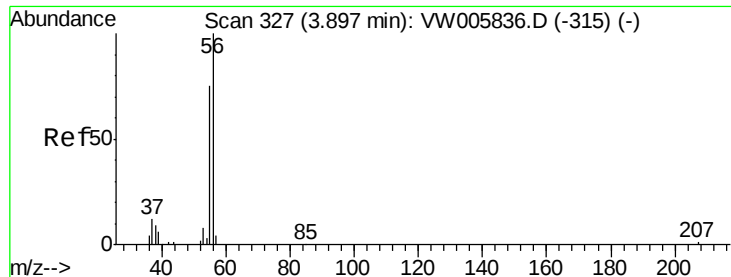
Ion Ratio Lower Upper

96 100

61 173.4 138.8 208.2

98 66.1 50.6 75.8





#13

Acrolein

Concen: 94.587 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion: 56 Resp: 12546

Ion Ratio Lower Upper

56 100

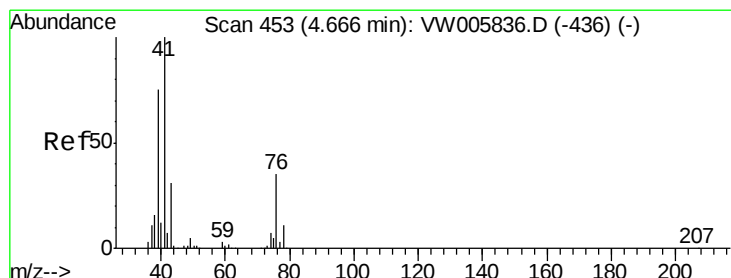
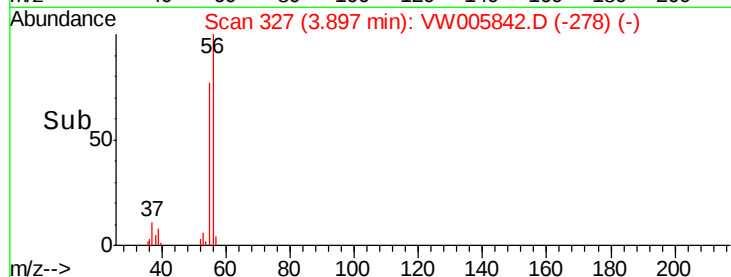
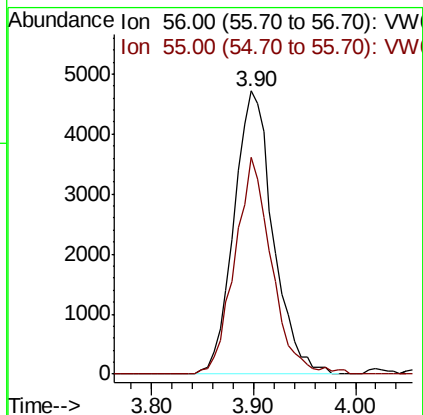
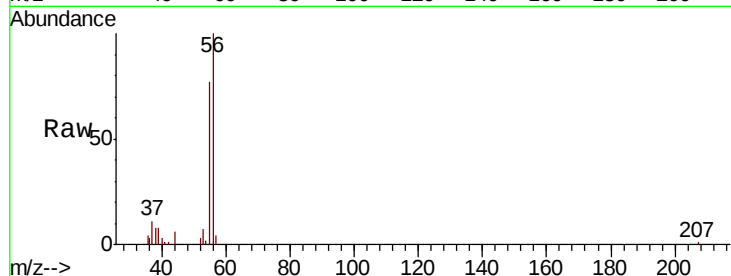
55 71.0 59.2 88.8

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#14

Allyl chloride

Concen: 18.647 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

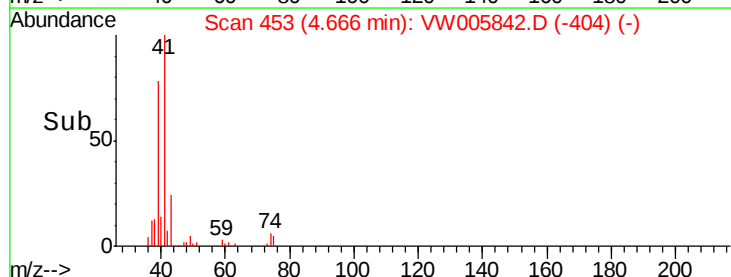
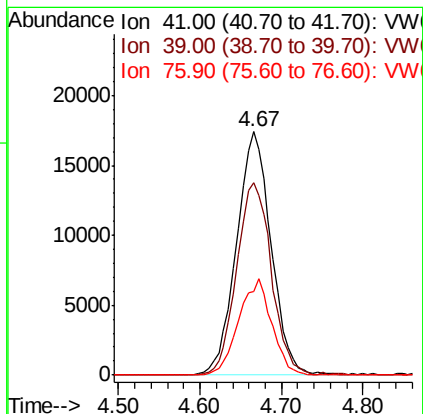
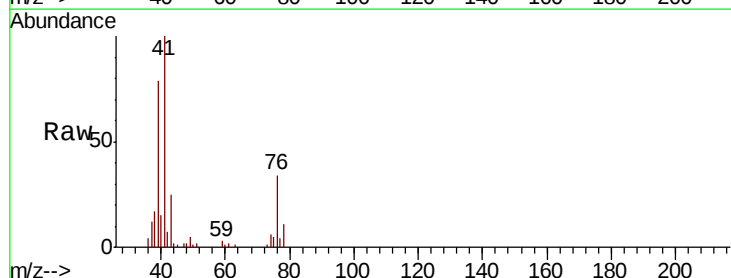
Tgt Ion: 41 Resp: 51147

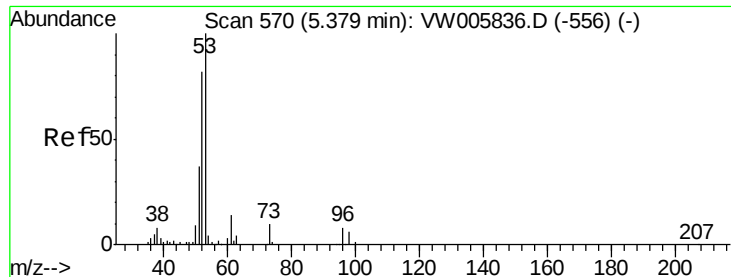
Ion Ratio Lower Upper

41 100

39 79.5 60.3 90.5

76 37.7 28.9 43.3





#15

Acrylonitrile

Concen: 88.250 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

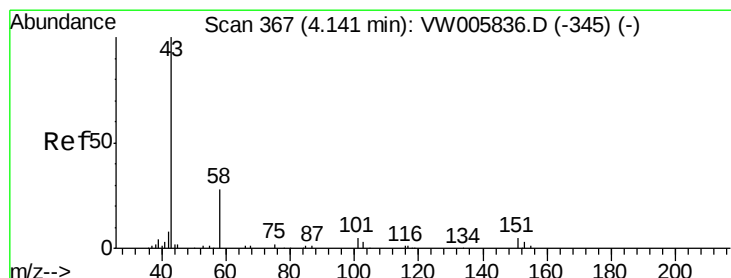
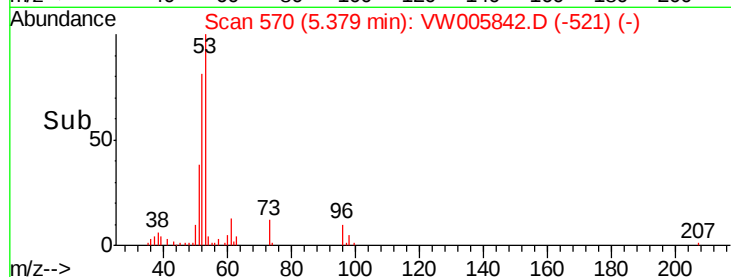
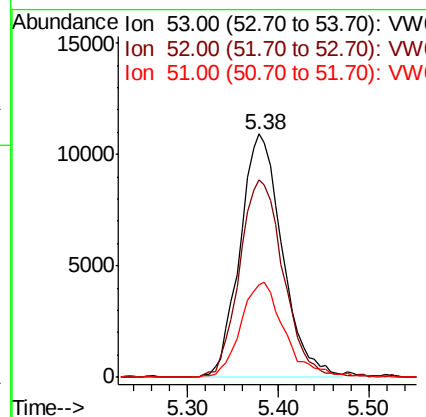
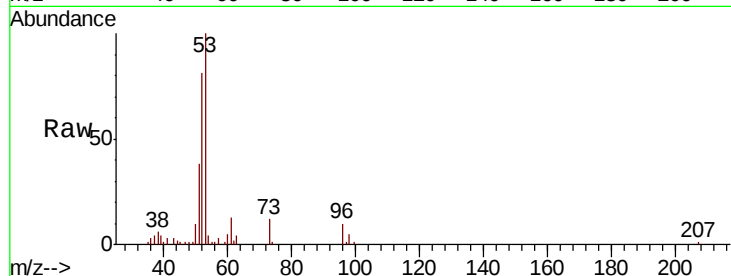
ClientSampled :

VW1004SBS01

Tot Ion:	53	Resp:	35368
Ion Ratio	Lower	Upper	
53	100		
52	83.9	67.3	100.9
51	40.0	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 89.016 ug/l

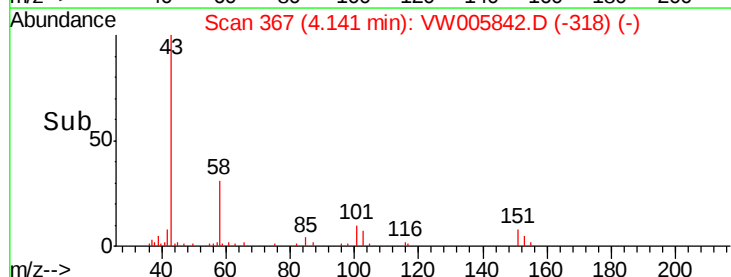
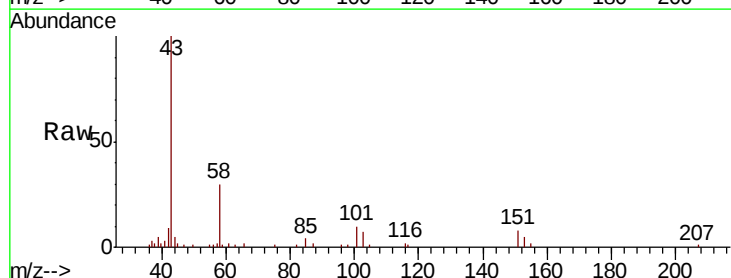
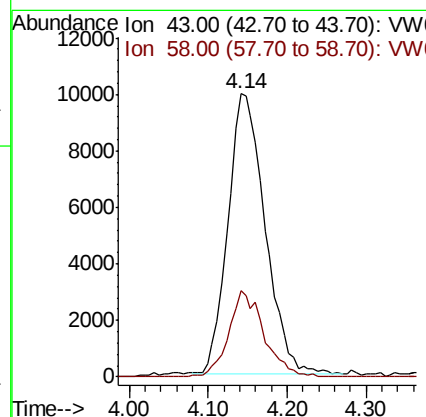
RT: 4.14 min Scan# 367

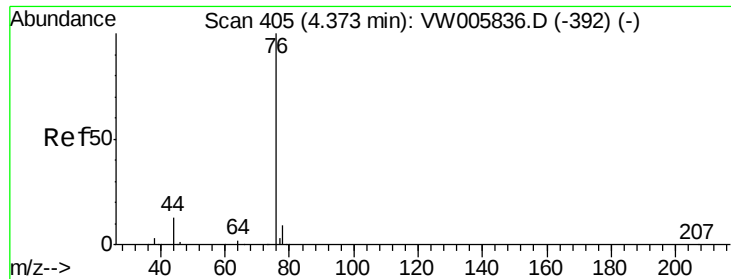
Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion:	43	Resp:	32433
Ion Ratio	Lower	Upper	
43	100		
58	30.8	23.0	34.4





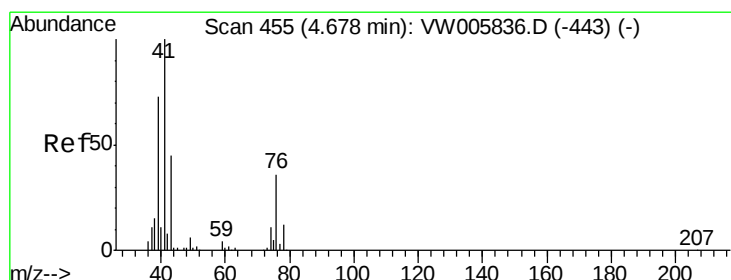
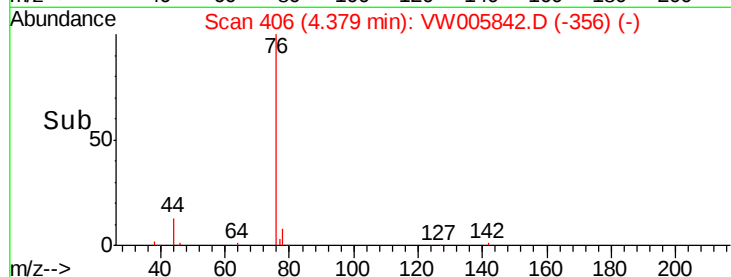
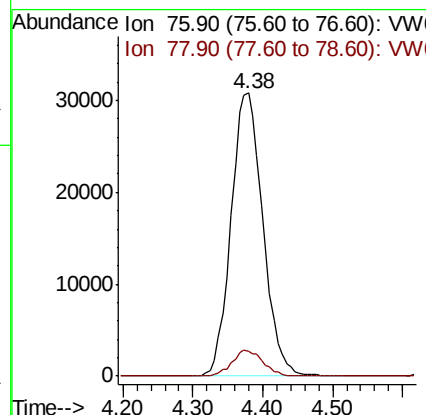
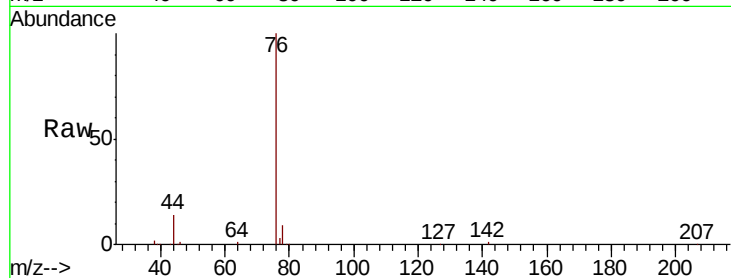
#17
Carbon Disulfide
Concen: 18.169 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

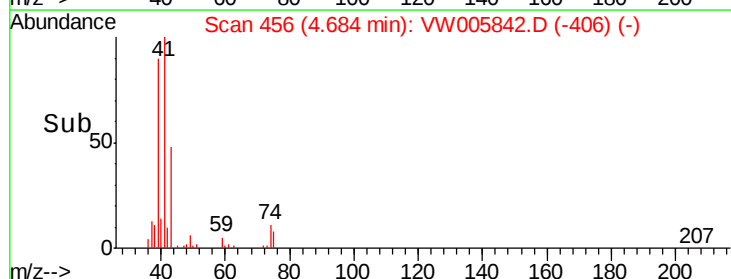
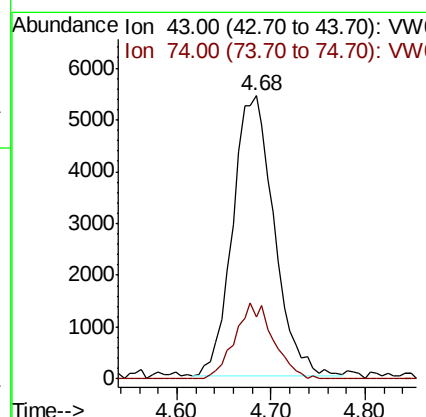
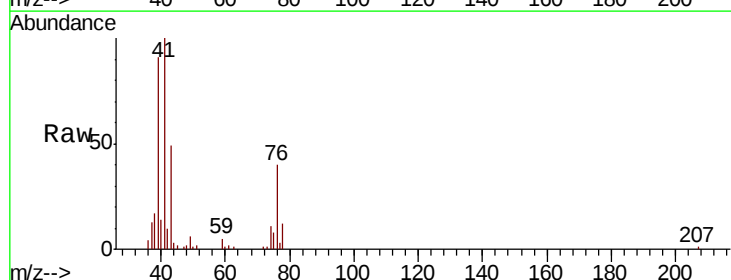
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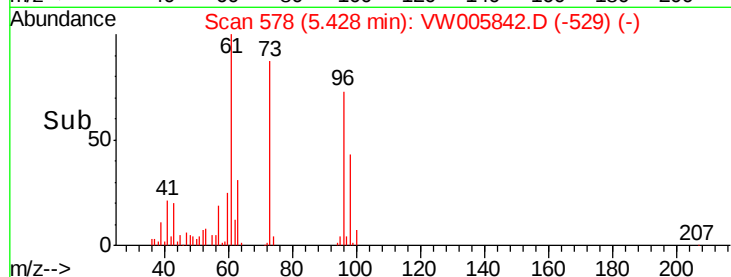
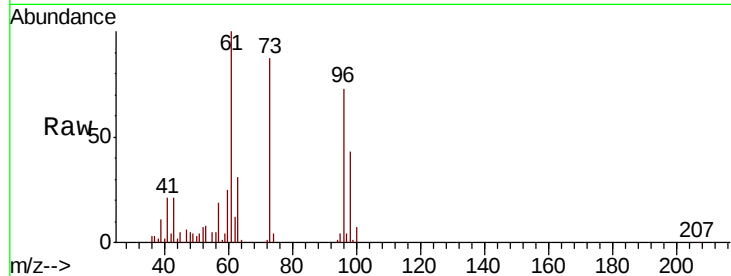
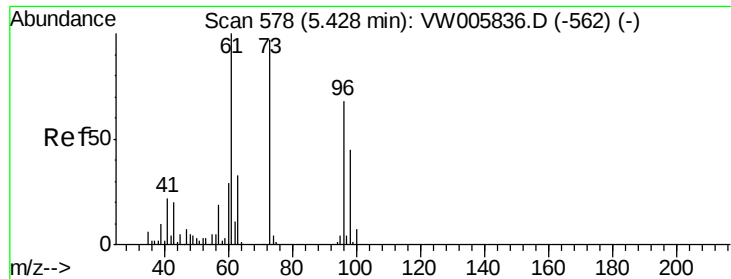
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#18
Methyl Acetate
Concen: 15.894 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.5	29.3





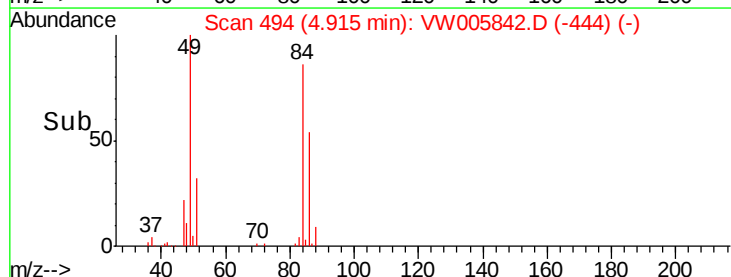
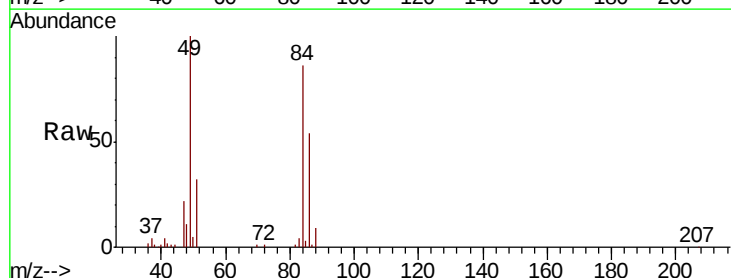
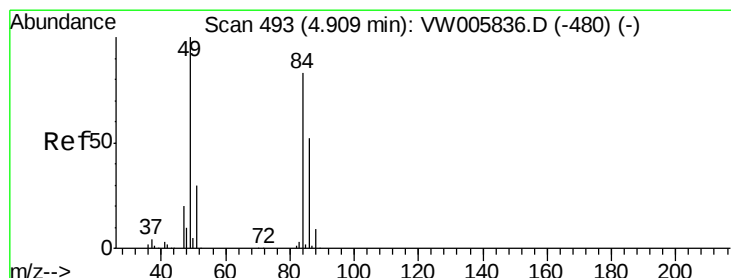
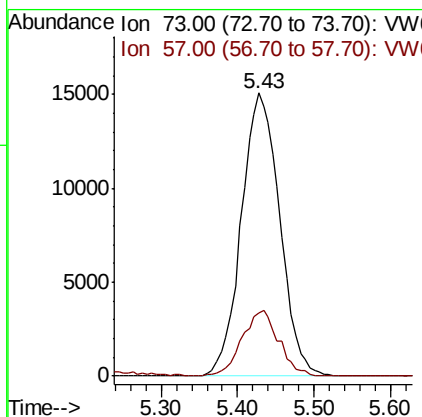
#19
Methvl tert-butvl Ether
Concen: 19.789 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	15.9	23.9

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

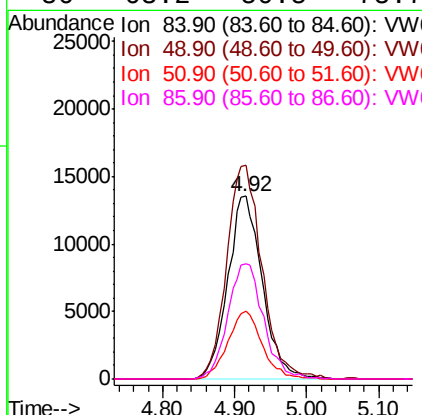
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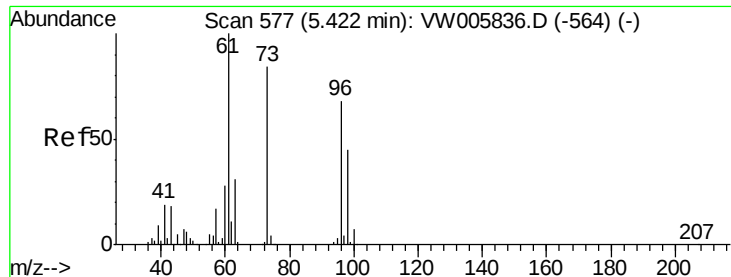
apatel
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#20
Methylene Chloride
Concen: 17.705 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.7	96.8	145.2
51	37.2	28.8	43.2
86	63.2	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 19.614 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

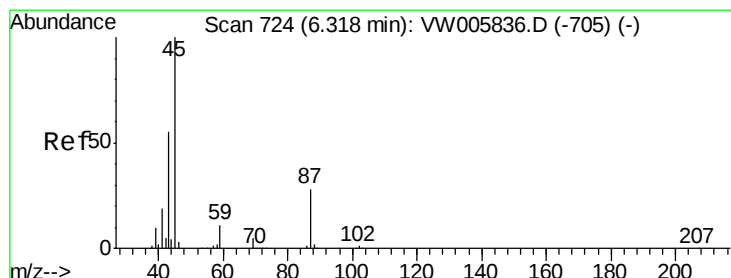
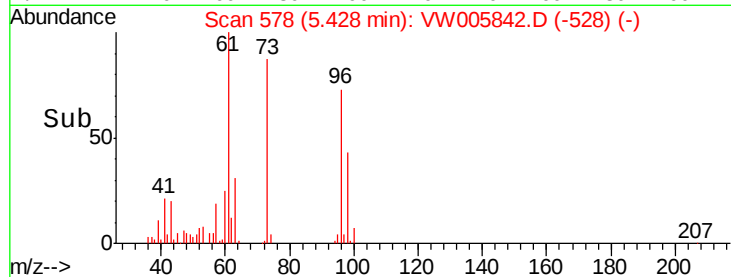
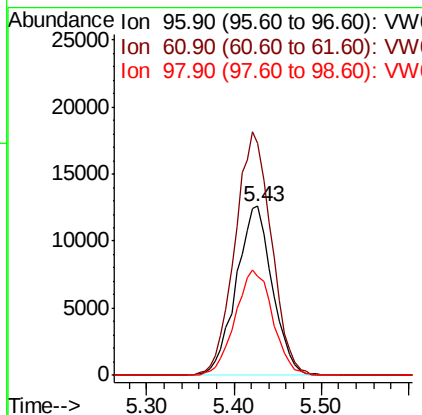
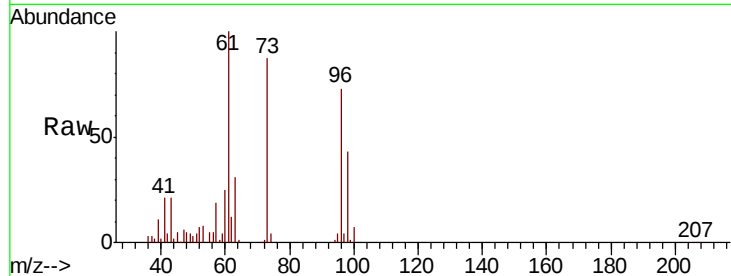
ClientSampleId :

VW1004SBS01

Tot Ion:	96	Resp:	36183
Ion	Ratio	Lower	Upper
96	100		
61	137.2	117.0	175.6
98	58.6	52.2	78.2

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#22

Diisopropyl ether

Concen: 19.668 ug/l

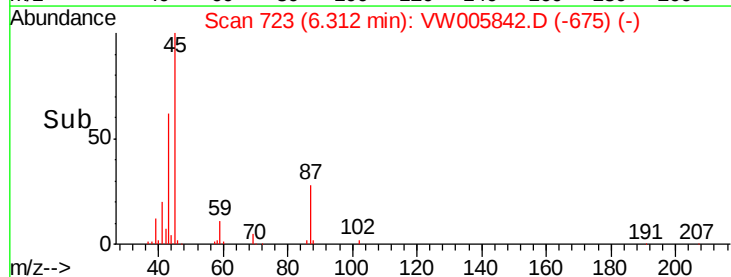
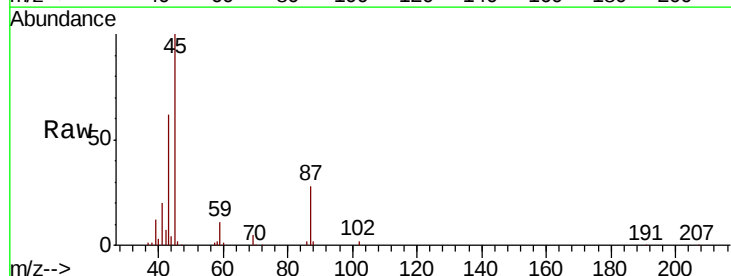
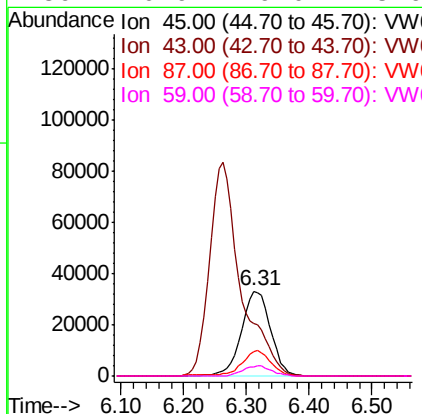
RT: 6.31 min Scan# 723

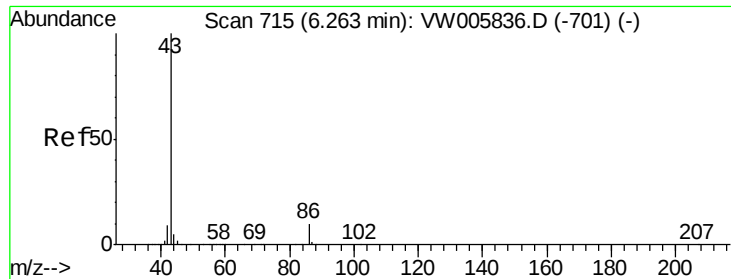
Delta R.T. -0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion:	45	Resp:	105878
Ion	Ratio	Lower	Upper
45	100		
43	61.3	44.6	67.0
87	28.1	23.4	35.2
59	10.9	9.0	13.6





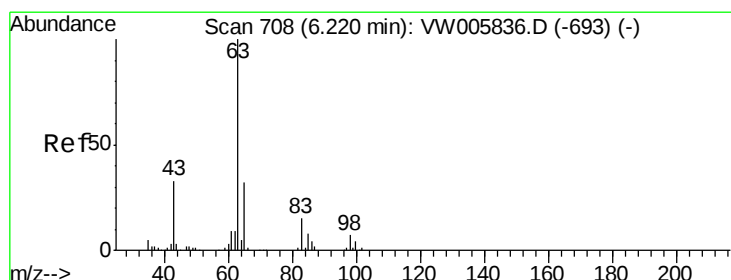
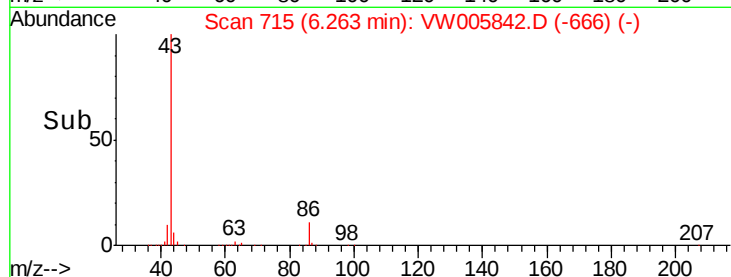
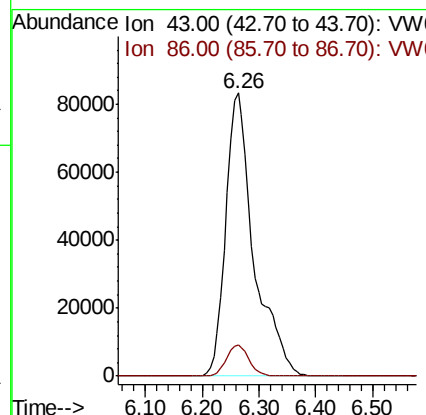
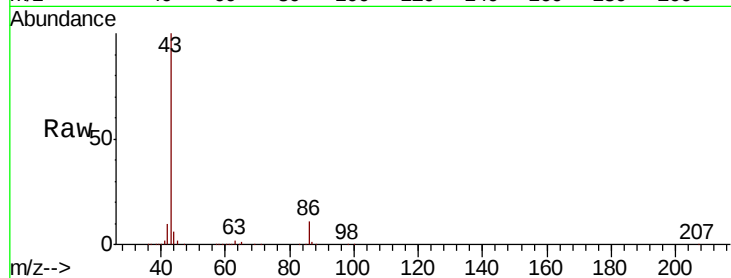
#23
 Vinyl Acetate
 Concen: 93.694 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tot Ion	43	Resp	286510
Ion Ratio	100	Lower	Upper
43	100		
86	10.8	8.1	12.1

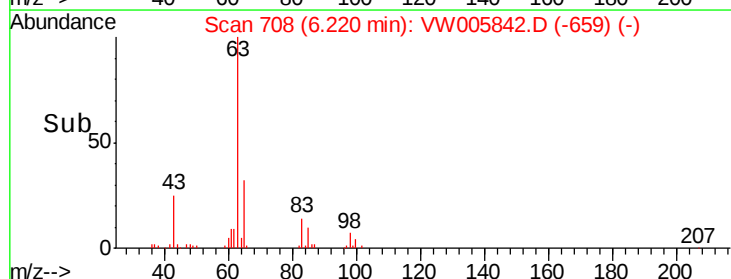
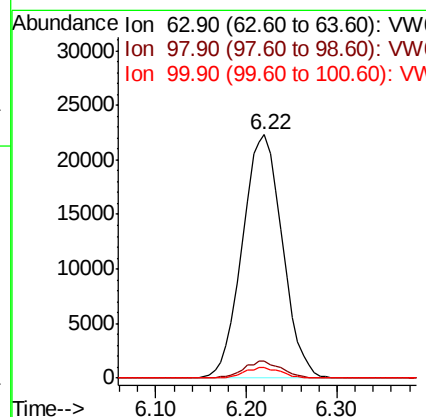
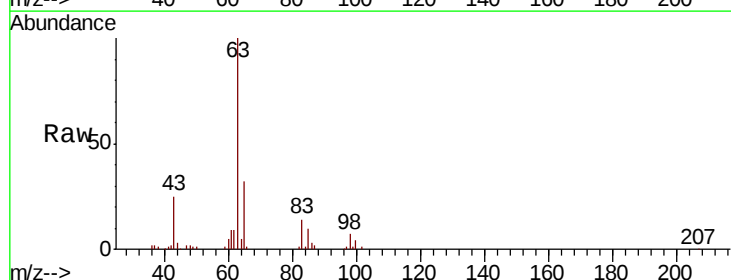
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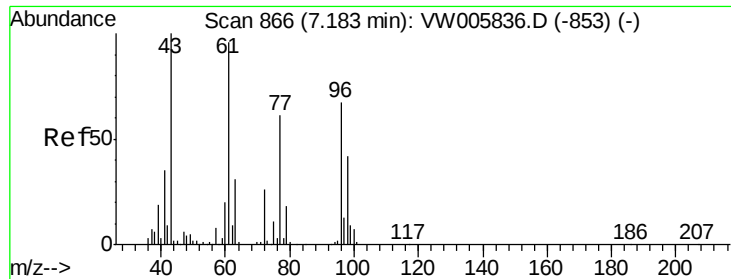
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 10/4/2018 2:48:10 PM



#24
 1,1-Dichloroethane
 Concen: 19.486 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion	63	Resp	68064
Ion Ratio	100	Lower	Upper
63	100		
98	6.8	3.5	10.5
100	4.3	2.0	6.0





#25

2-Butanone

Concen: 83.562 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion: 43 Resp: 42828

Ion Ratio Lower Upper

43 100

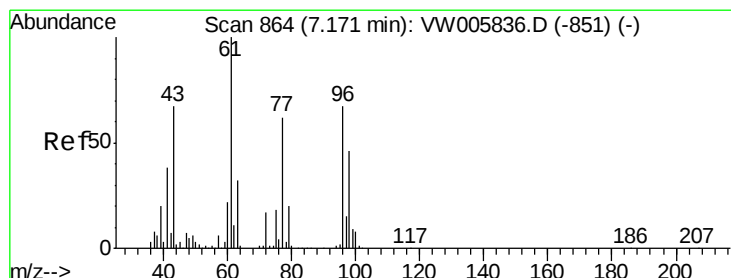
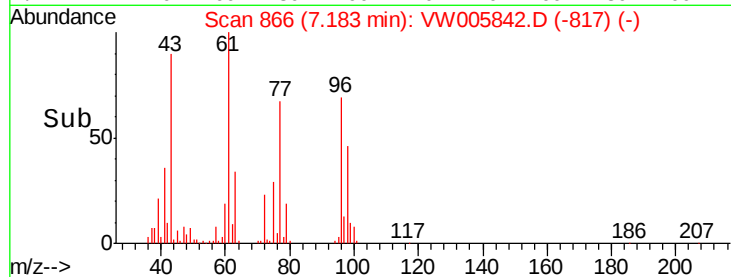
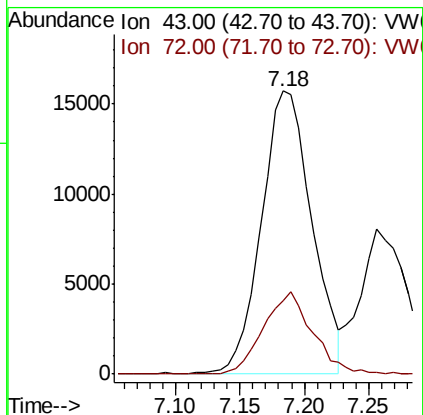
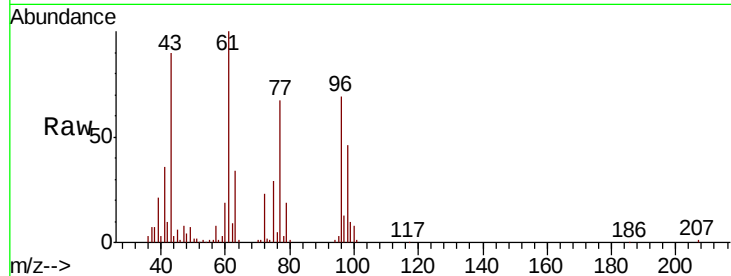
72 25.8 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.315 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005842.D

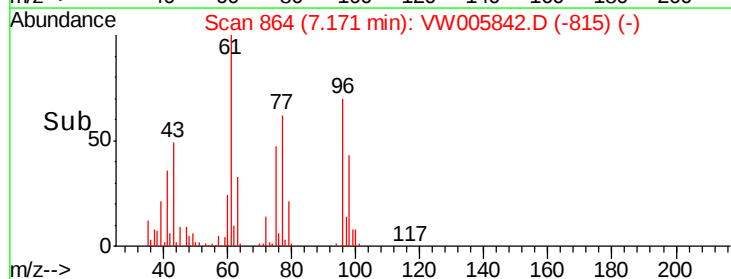
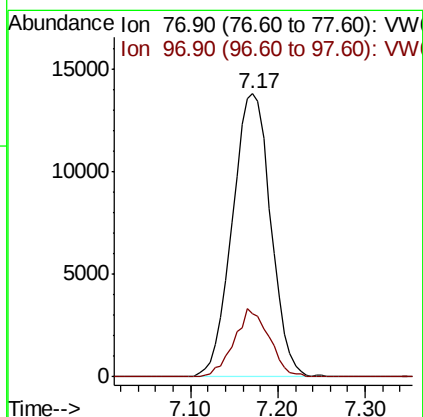
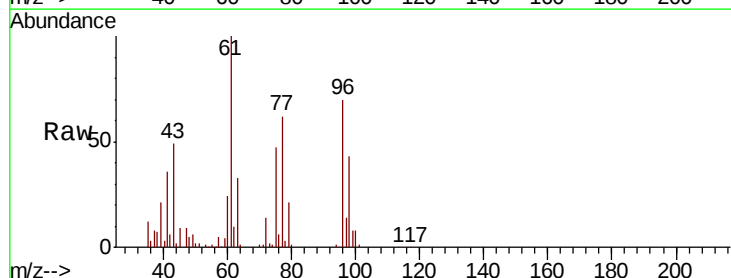
Acq: 04 Oct 2018 07:55

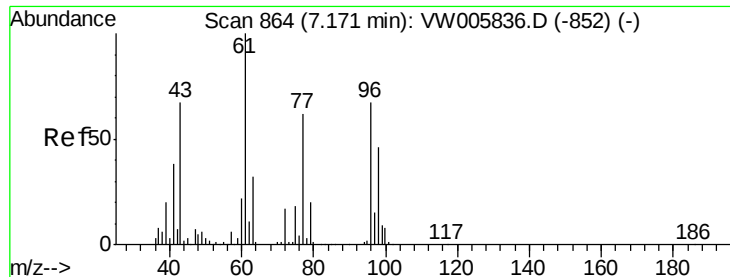
Tgt Ion: 77 Resp: 42125

Ion Ratio Lower Upper

77 100

97 21.9 11.7 35.0





#27

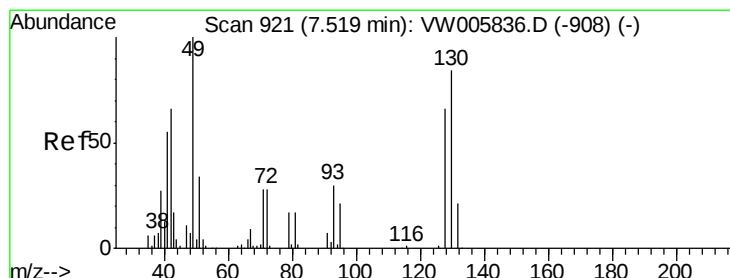
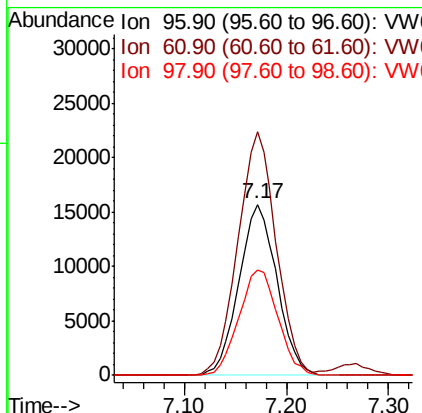
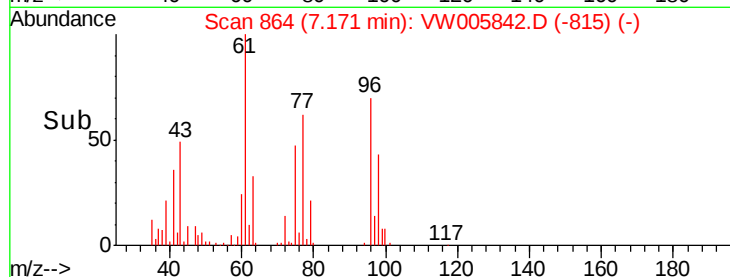
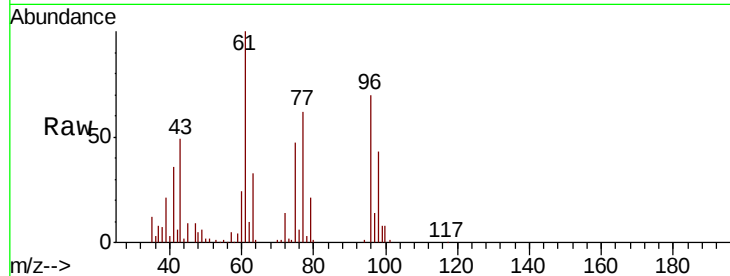
cis-1,2-Dichloroethene
Concen: 19.785 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampled :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	296.4
98	63.2	0.0	131.4

Manual Integrations
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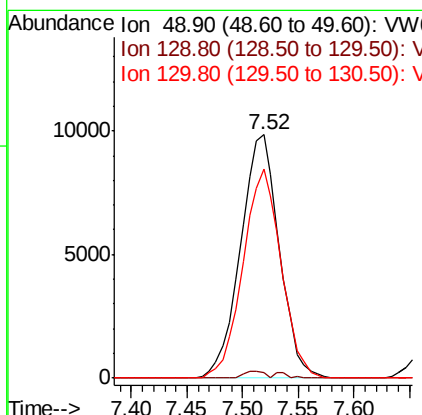
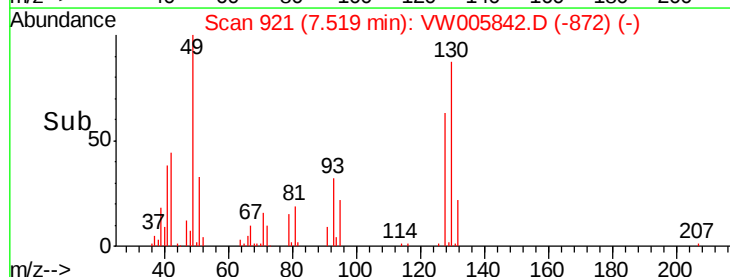
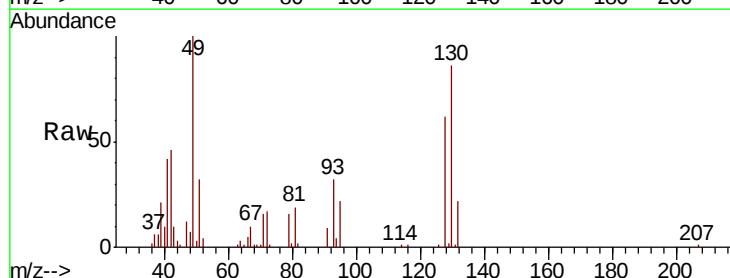
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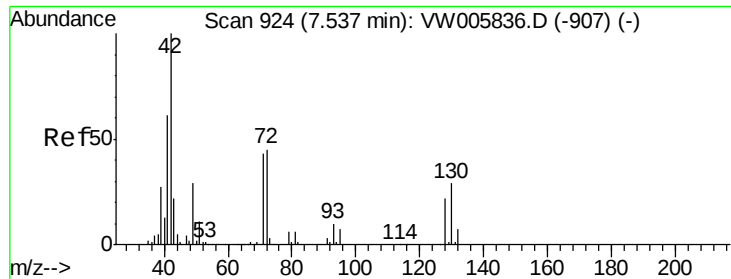


#28

Bromochloromethane
Concen: 19.276 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.2
130	84.7	66.4	99.6





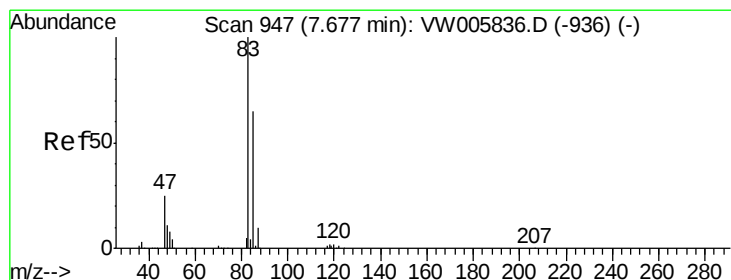
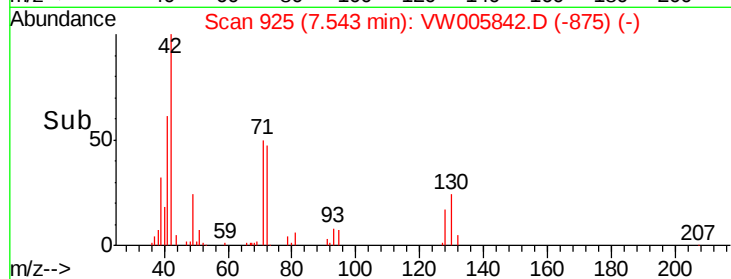
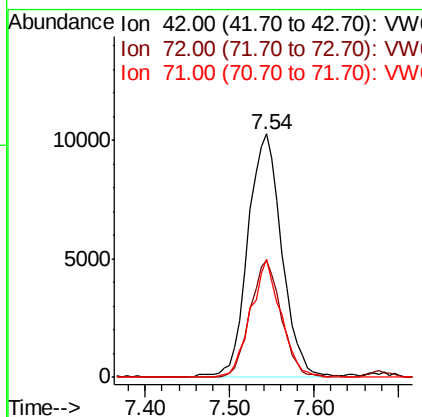
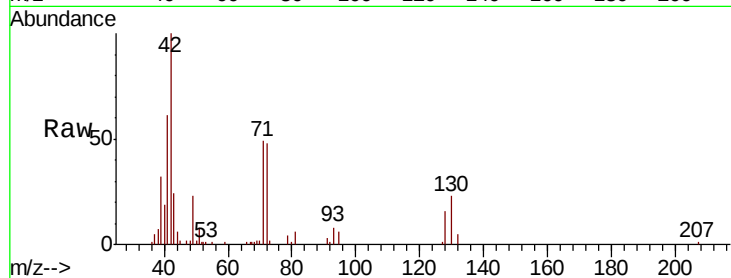
#29
Tetrahydrofuran
Concen: 88.967 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampled :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.6	51.8
71	43.1	33.6	50.4

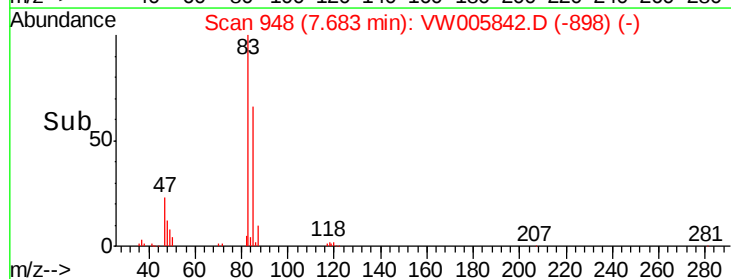
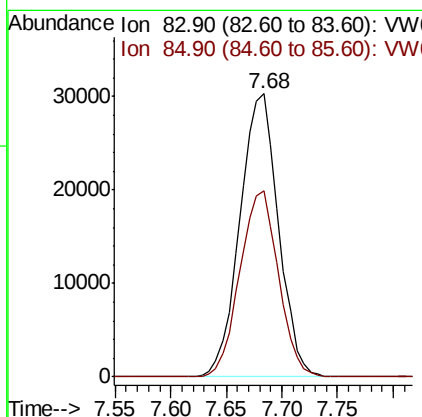
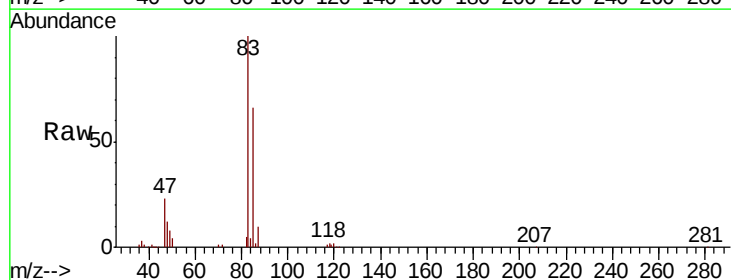
Manual Integrations
APPROVED

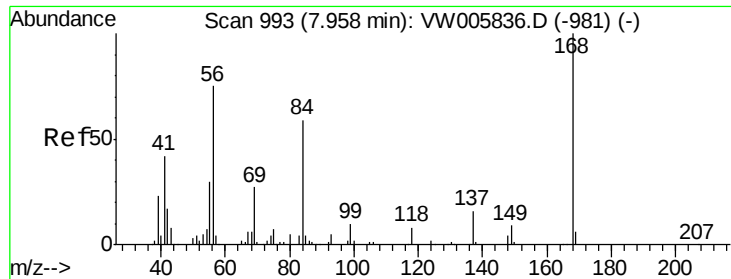
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#30
Chloroform
Concen: 19.483 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.6	77.4





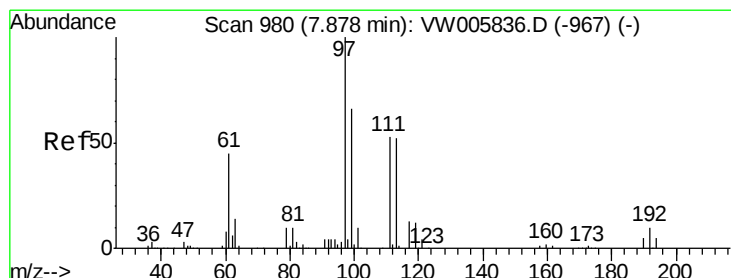
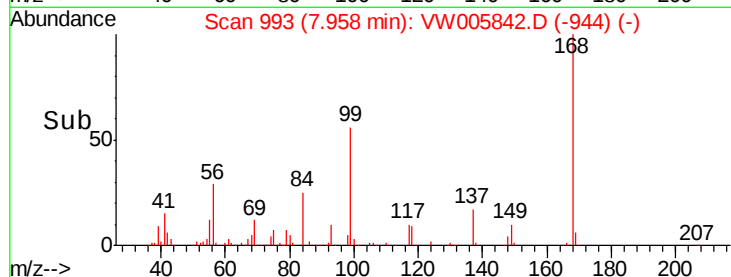
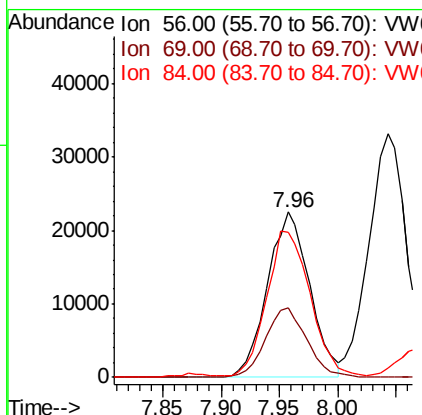
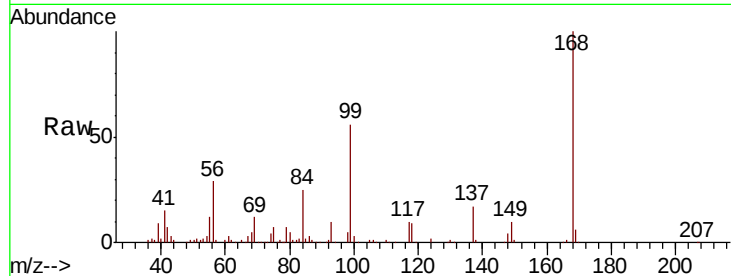
#31
Cyclohexane
Concen: 18.941 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampled :
VW1004SBS01

Tot Ion	Ratio	Resp	Lower	Upper
56	100			
69	42.3	29.0	43.4	
84	85.3	63.5	95.3	

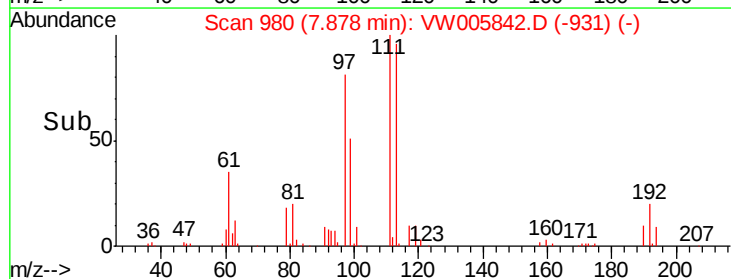
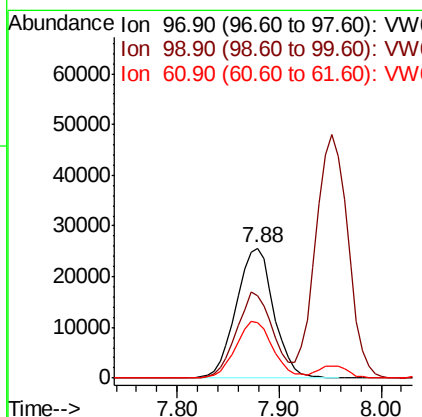
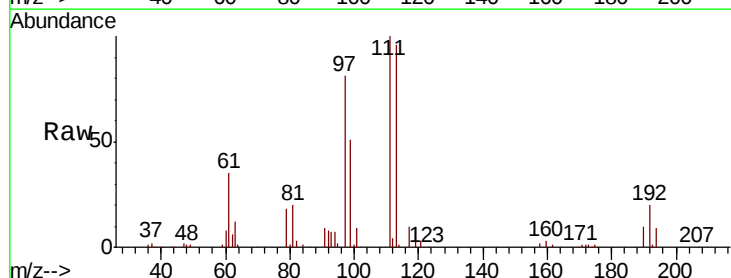
Manual Integrations
APPROVED

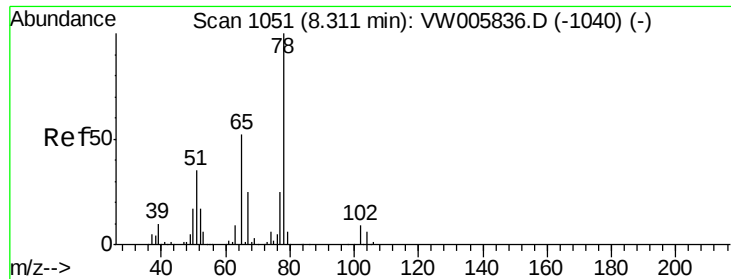
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#32
1,1,1-Trichloroethane
Concen: 20.472 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
99	63.0	51.2	76.8	
61	43.6	35.5	53.3	





#33

1,2-Dichloroethane-d4

Concen: 50.354 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion: 65 Resp: 109934

Ion Ratio Lower Upper

65 100

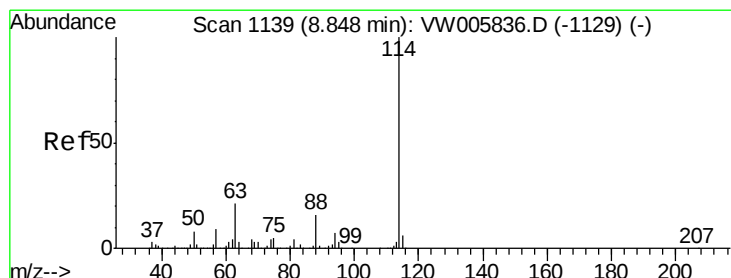
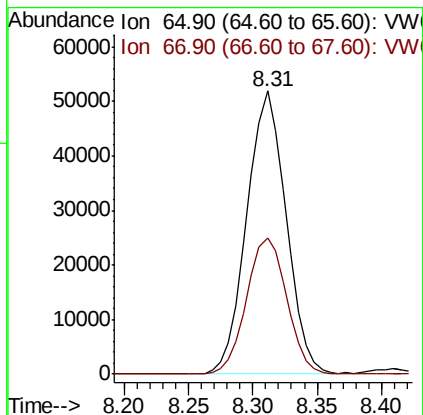
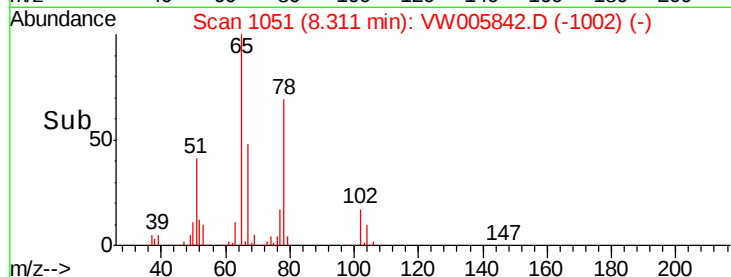
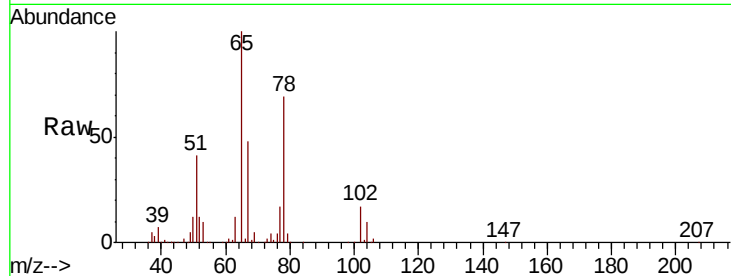
67 49.2 0.0 98.0

Manual Integrations

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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: VW005842.D

Acq: 04 Oct 2018 07:55

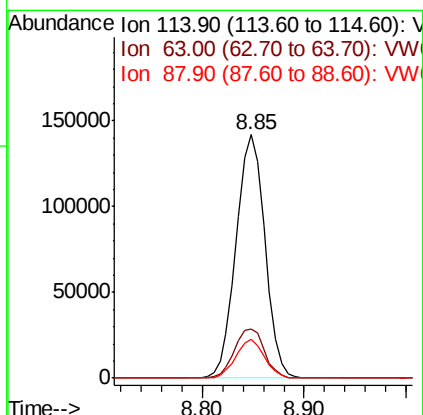
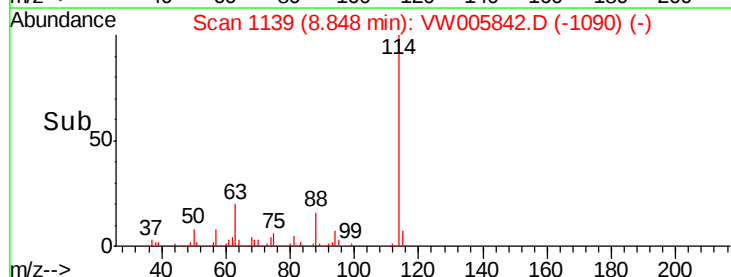
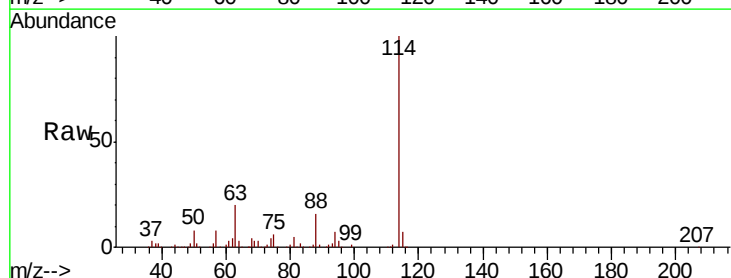
Tgt Ion: 114 Resp: 277874

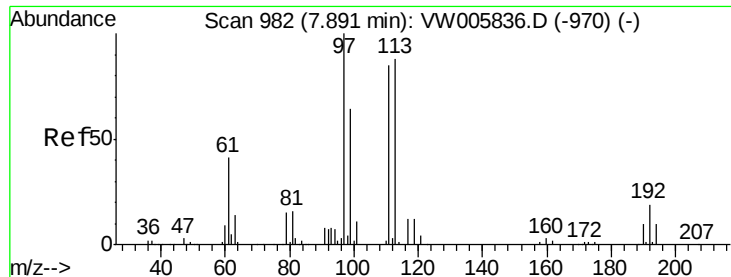
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.0

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.281 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

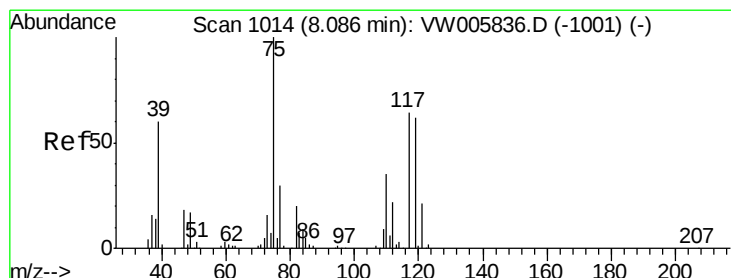
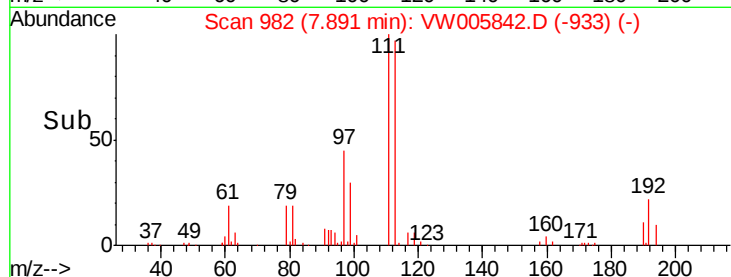
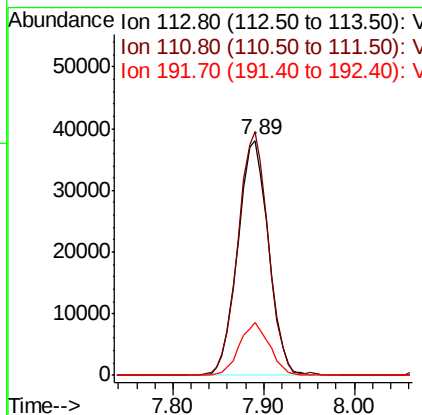
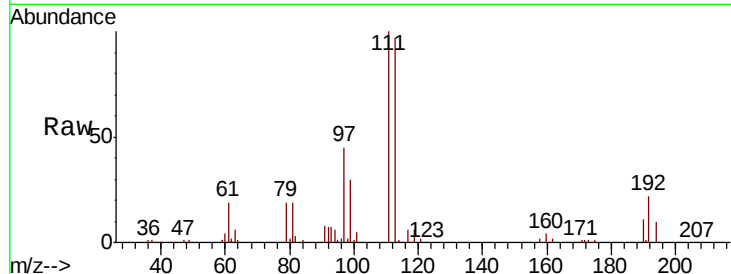
ClientSampled :

VW1004SBS01

Tot Ion:	113	Resp:	89756
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.4	122.2
192	21.7	17.3	25.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.715 ug/l

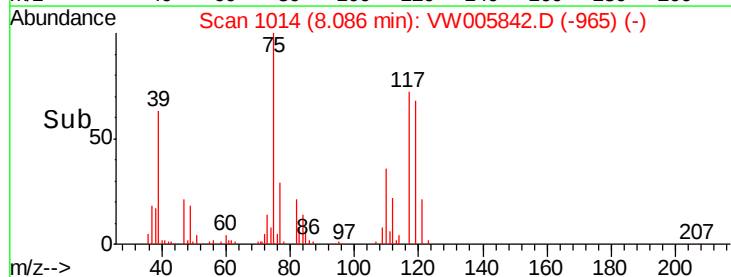
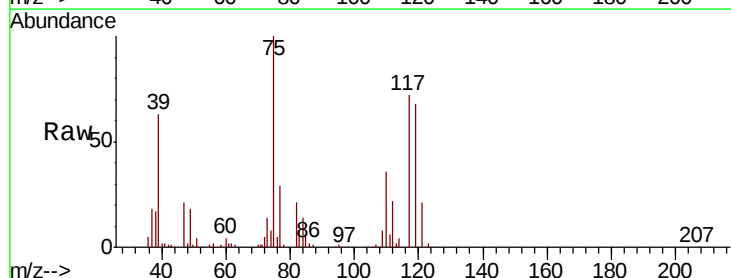
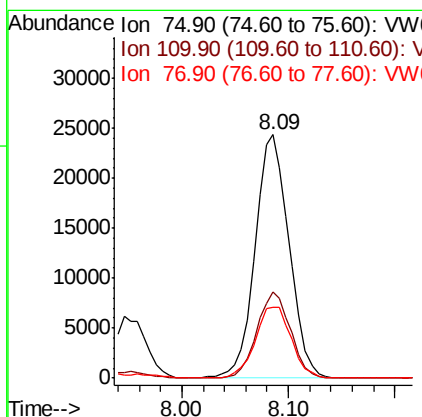
RT: 8.09 min Scan# 1014

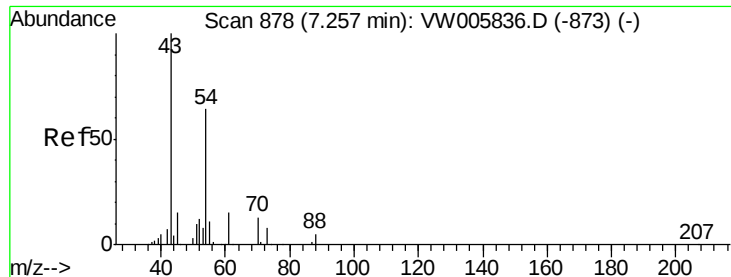
Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion:	75	Resp:	54455
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.5	52.6
77	31.2	24.8	37.2





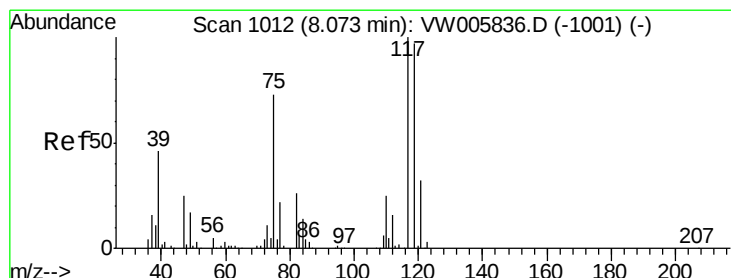
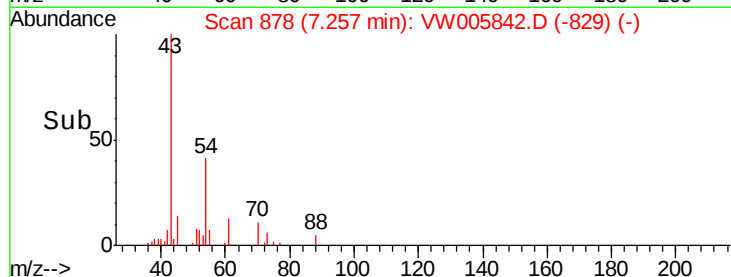
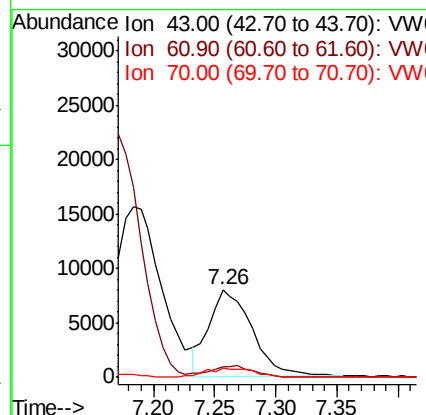
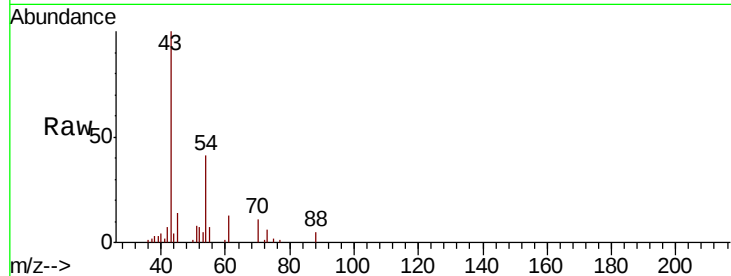
#37
Ethyl Acetate
Concen: 16.993 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampled :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.2	16.8
70	11.8	8.6	13.0

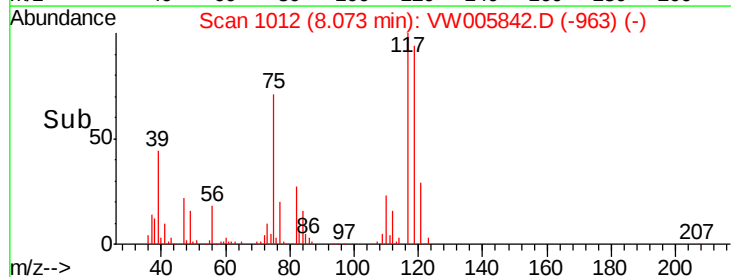
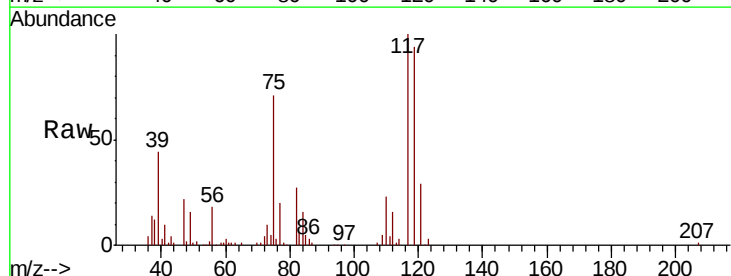
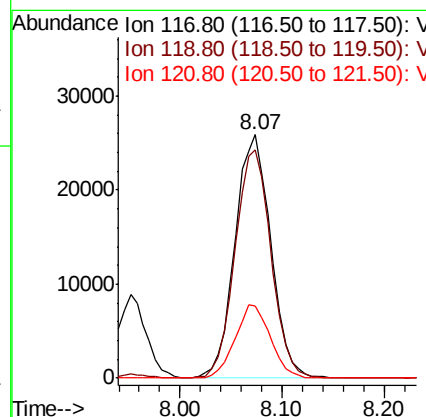
Manual Integrations
APPROVED

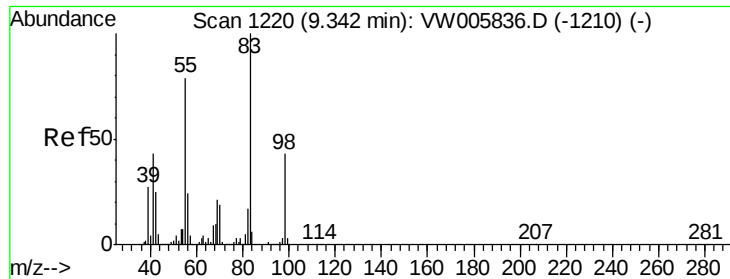
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#38
Carbon Tetrachloride
Concen: 20.466 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.9	116.9
121	29.4	25.2	37.8





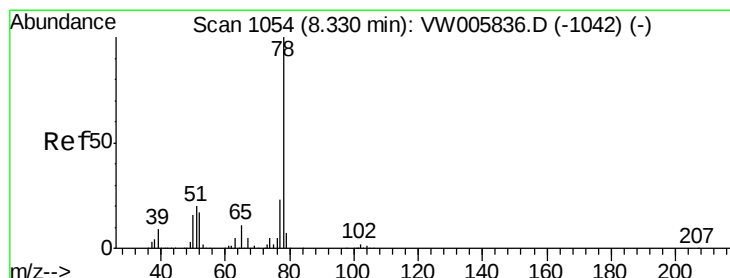
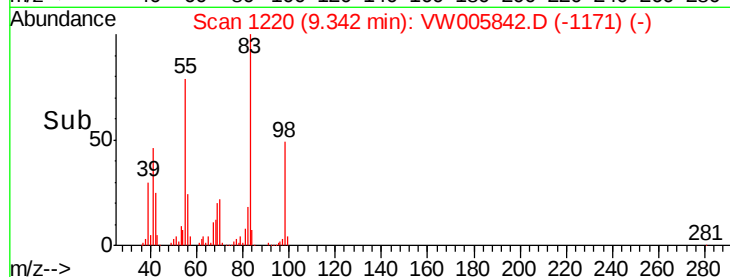
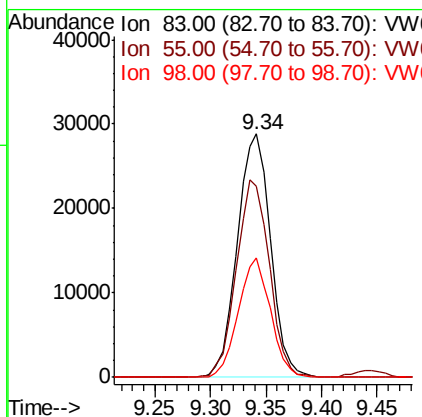
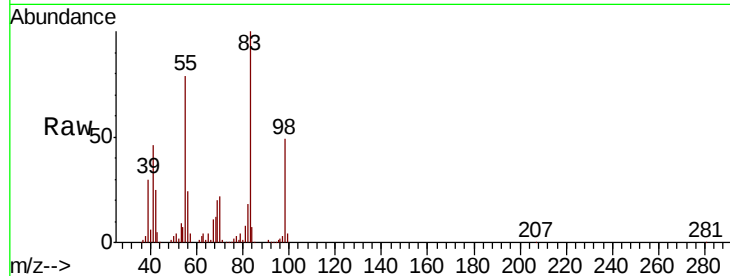
#39
Methvlcvclohexane
Concen: 19.202 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.0	94.4
98	49.0	34.5	51.7

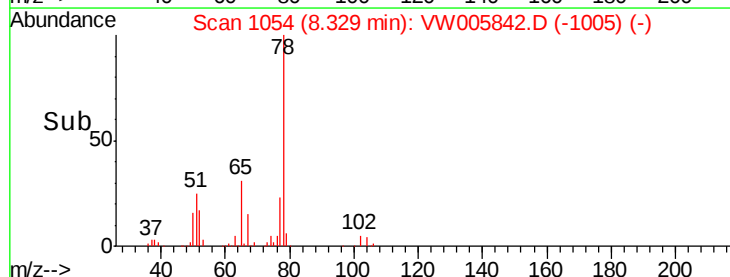
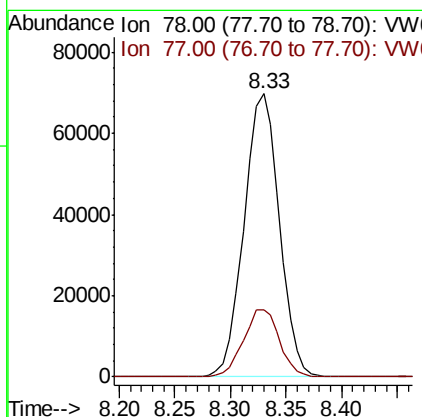
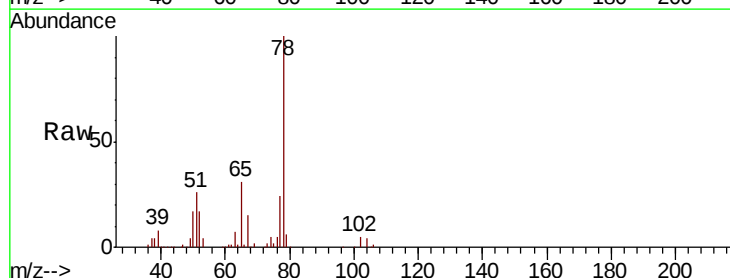
Manual Integrations
APPROVED

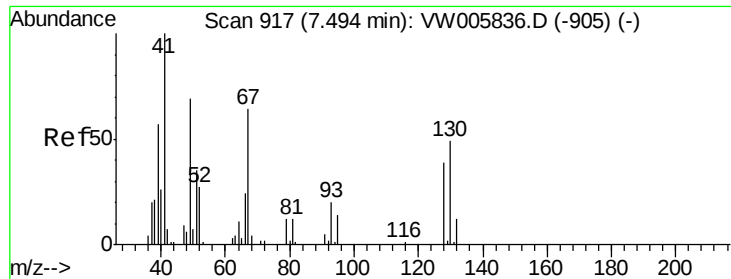
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#40
Benzene
Concen: 19.234 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0





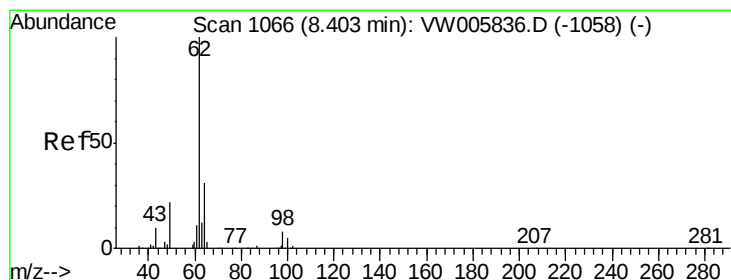
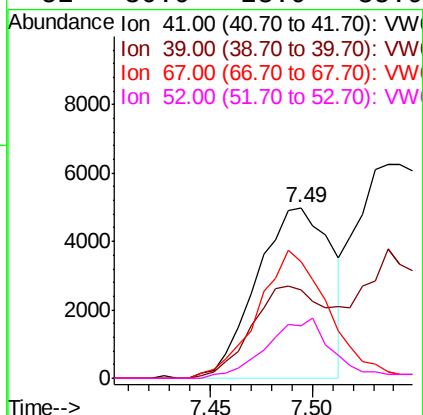
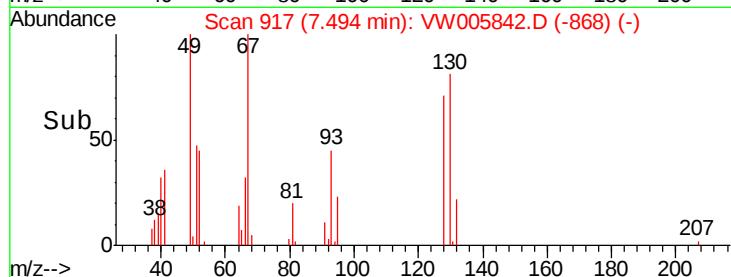
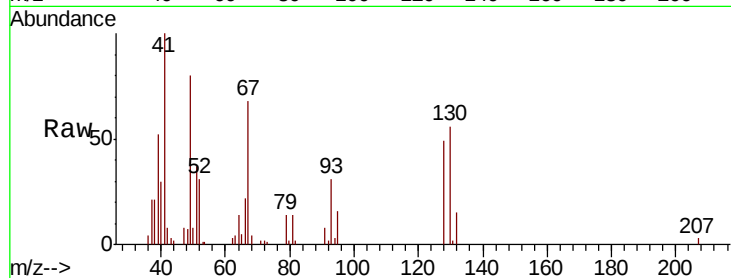
#41
Methacrylonitrile
Concen: 18.534 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.6	45.6	68.4
67	71.3	53.6	80.4
52	30.9	23.9	35.9

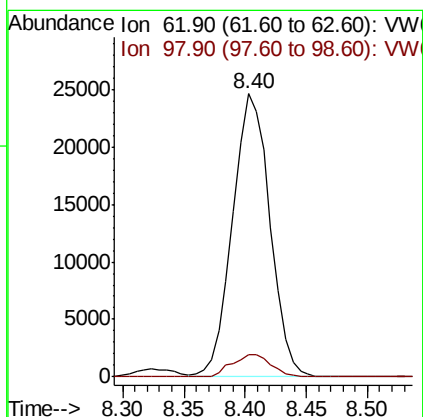
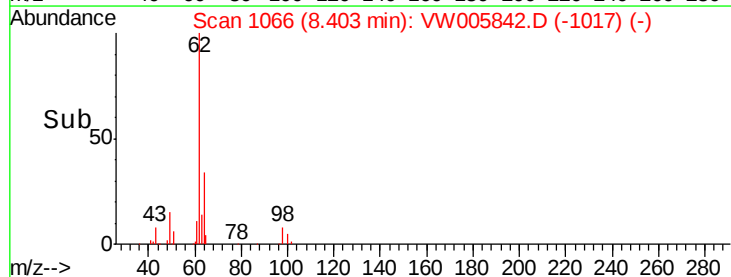
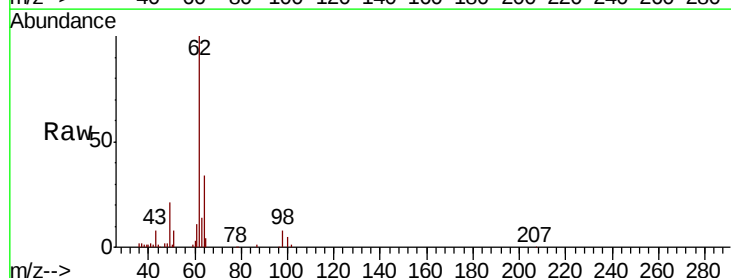
Manual Integrations
APPROVED

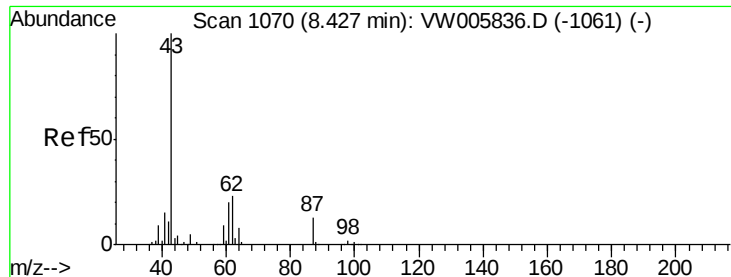
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#42
1,2-Dichloroethane
Concen: 19.429 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.2





#43

Isopropyl Acetate

Concen: 17.972 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

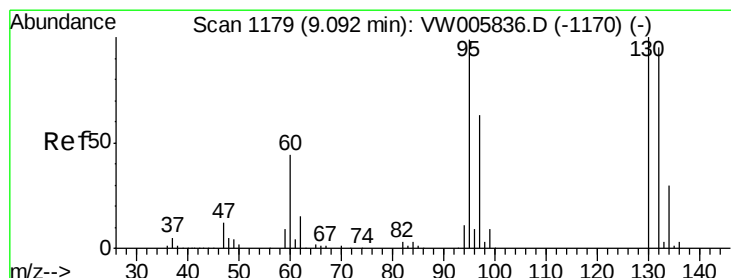
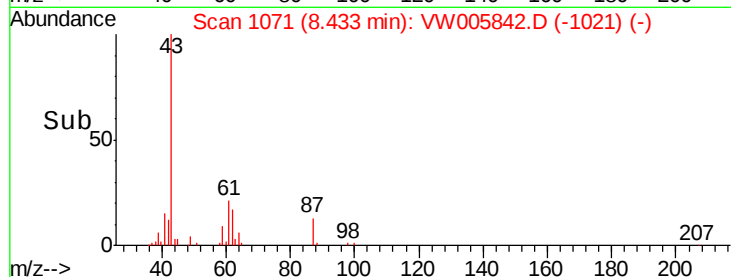
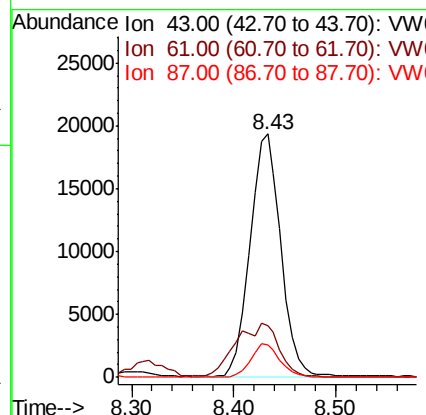
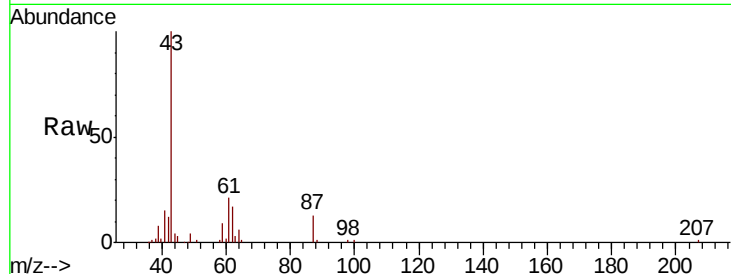
ClientSampled :

VW1004SBS01

Tot Ion:	43	Resp:	40837
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.1	36.1
87	12.7	10.6	16.0

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#44

Trichloroethene

Concen: 19.461 ug/l

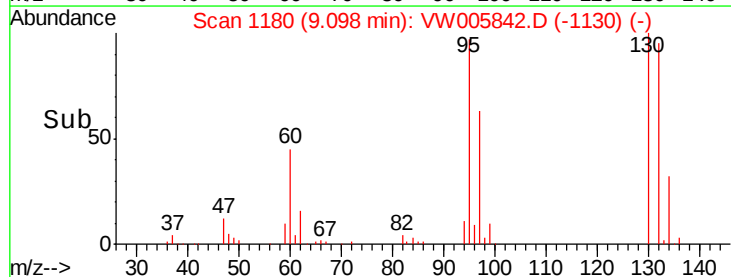
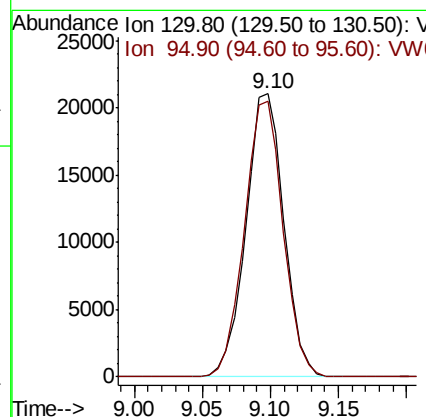
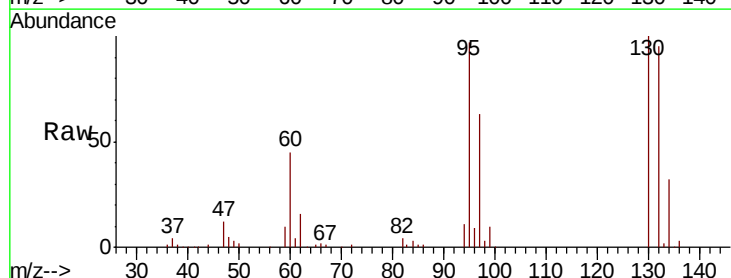
RT: 9.10 min Scan# 1180

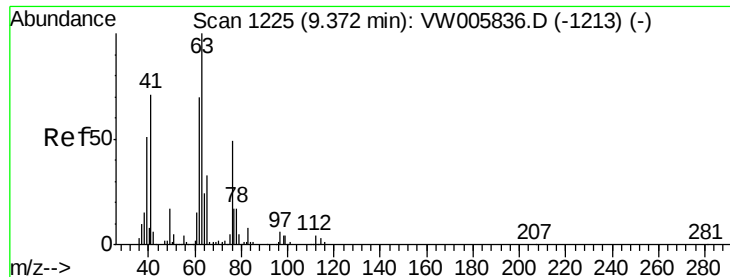
Delta R.T. 0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion:	130	Resp:	41174
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	197.6





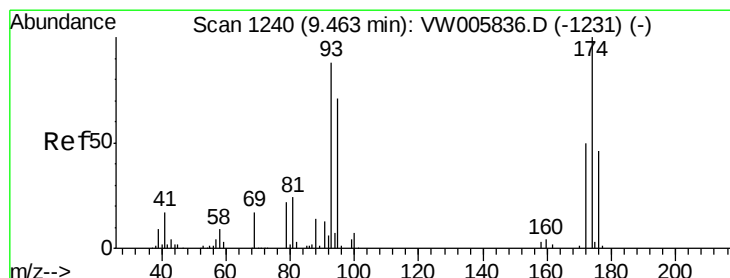
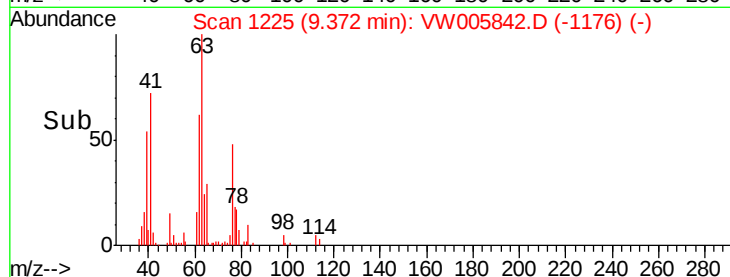
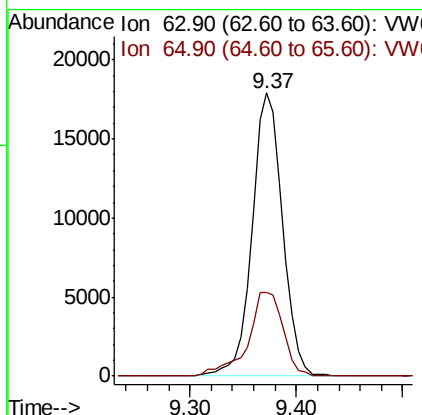
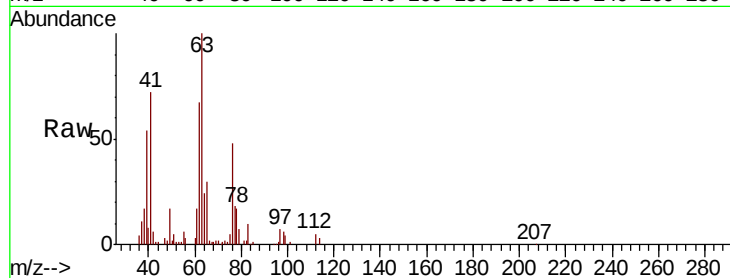
#45
 1,2-Dichloropropane
 Concen: 18.943 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	26.1	39.1

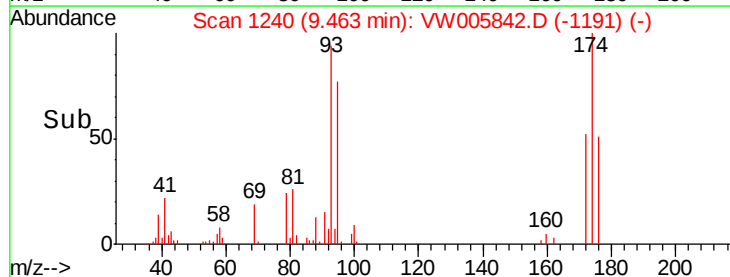
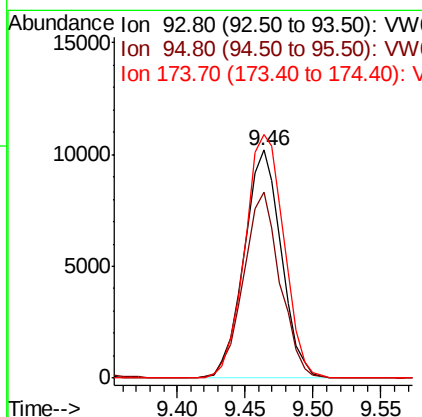
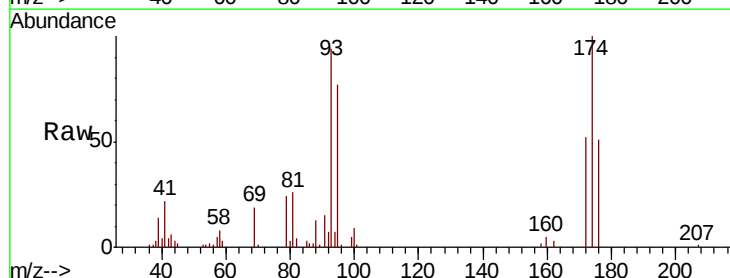
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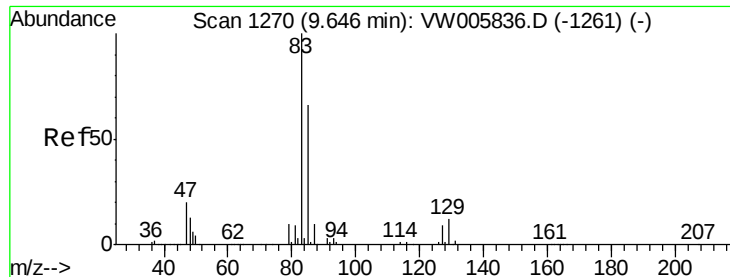
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#46
 Dibromomethane
 Concen: 18.855 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.4	65.9	98.9
174	112.1	88.4	132.6





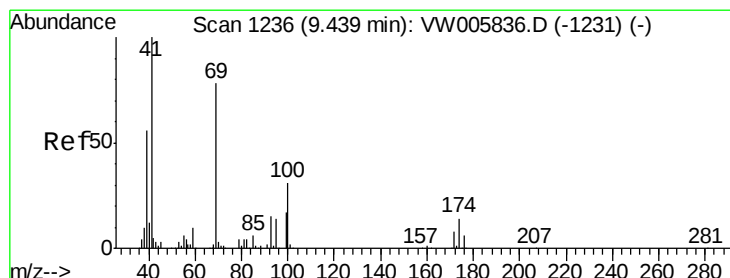
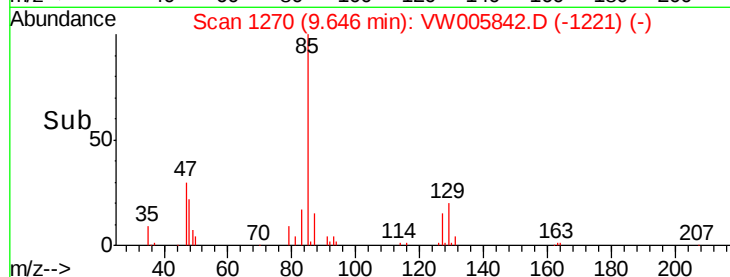
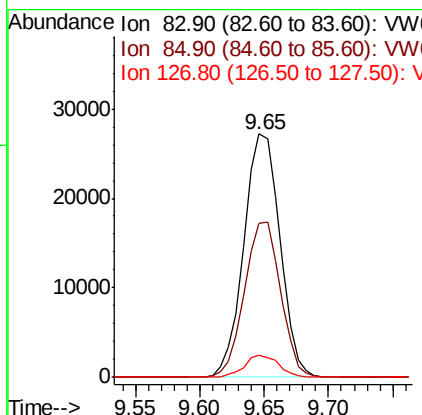
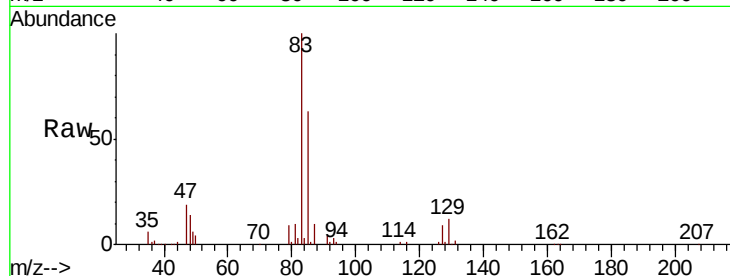
#47
Bromodichloromethane
Concen: 19.258 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	83	Resp	52840
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	52.6	78.8
127	9.2	7.4	11.0

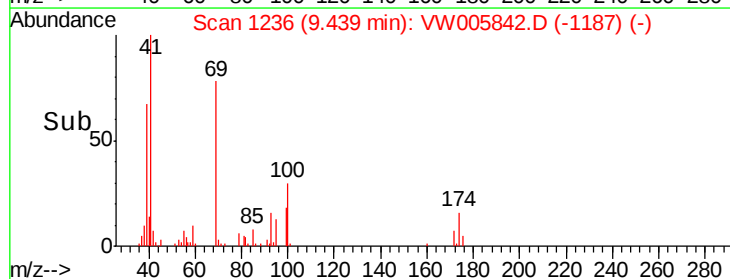
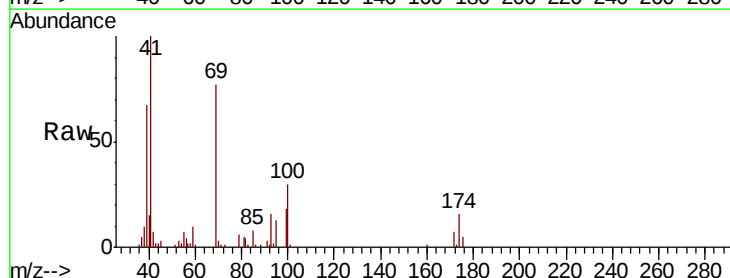
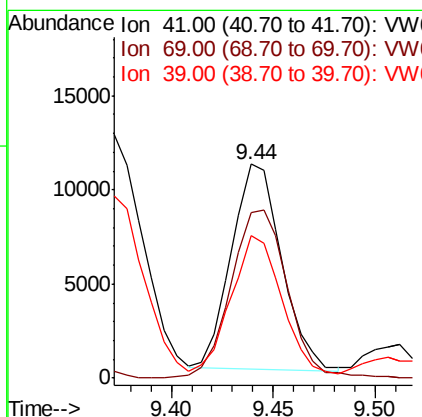
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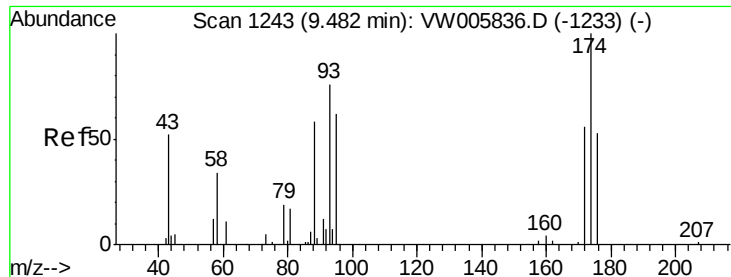
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#48
Methyl methacrylate
Concen: 17.052 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	41	Resp	18758
Ion Ratio	100	Lower	Upper
41	100		
69	91.2	66.4	99.6
39	71.2	50.1	75.1





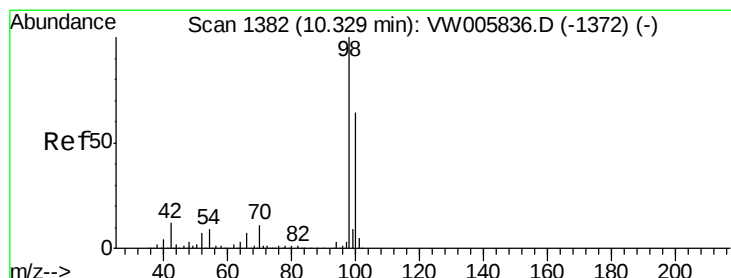
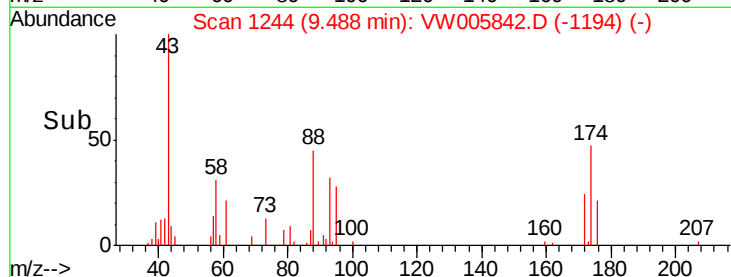
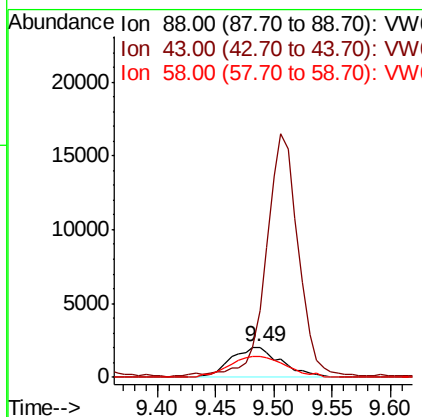
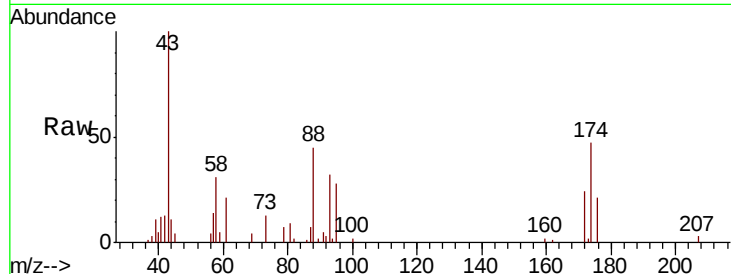
#49
1,4-Dioxane
Concen: 377.885 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion: 88 Resp: 6121
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.3 58.1 87.1

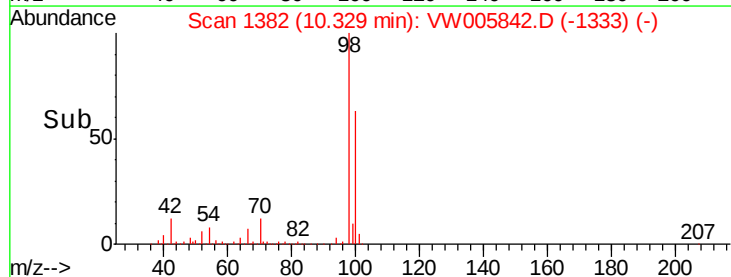
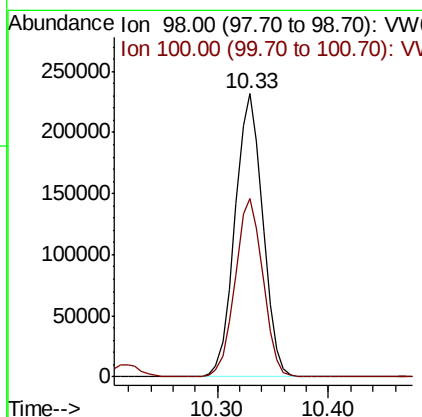
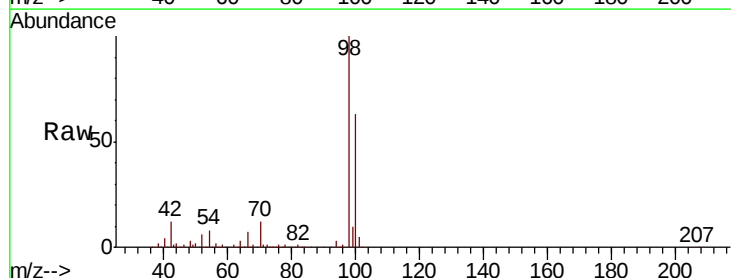
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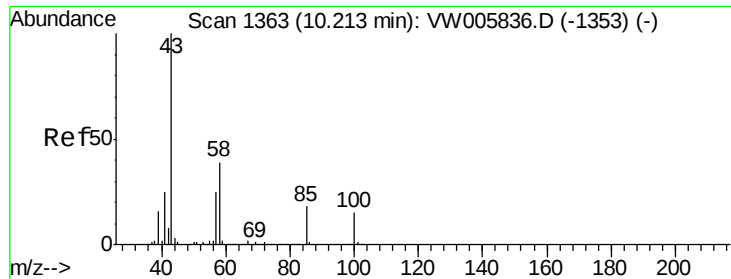
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#50
Toluene-d8
Concen: 55.272 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 98 Resp: 399720
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 95.481 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampled :

VW1004SBS01

Tot Ion: 43 Resp: 112868

Ion Ratio Lower Upper

43 100

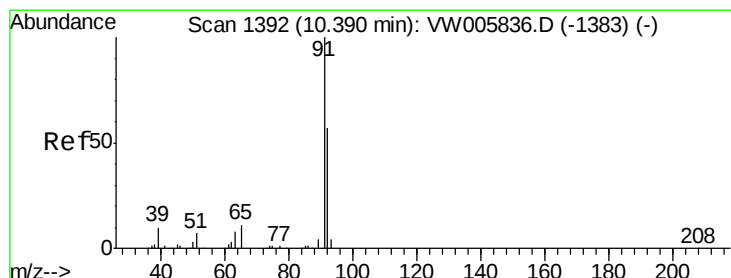
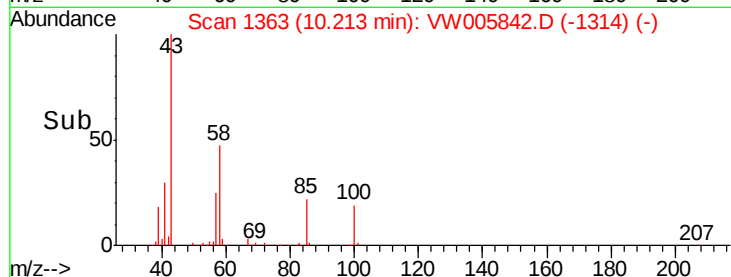
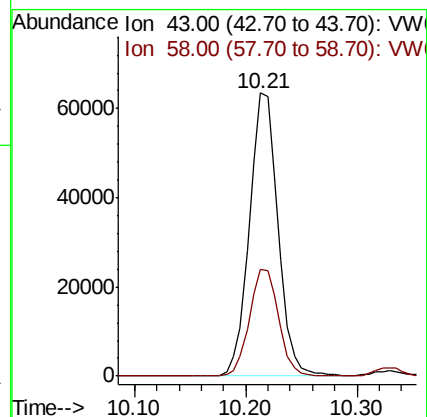
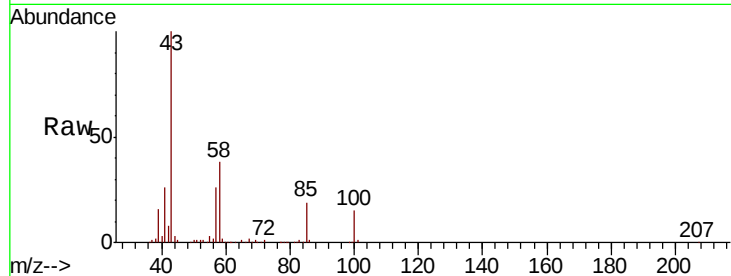
58 38.7 30.6 45.8

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#52

Toluene

Concen: 21.054 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005842.D

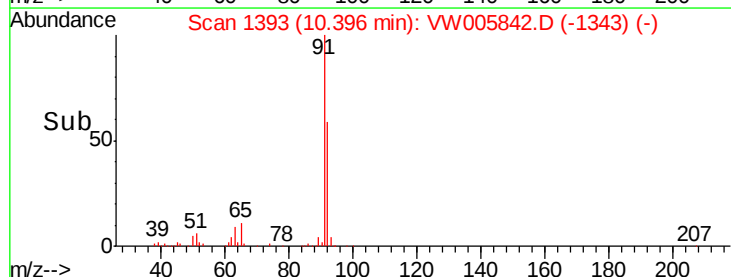
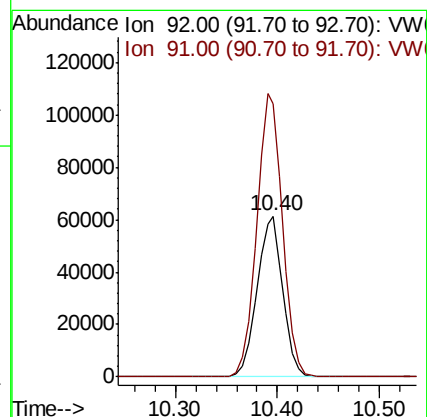
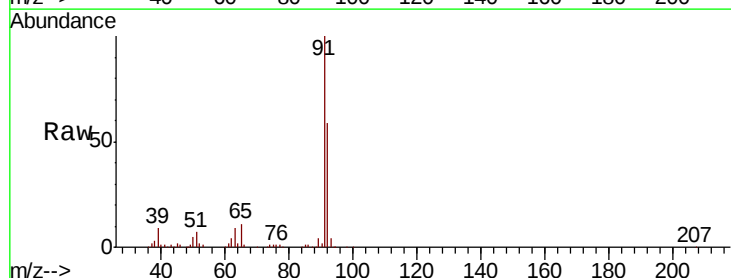
Acq: 04 Oct 2018 07:55

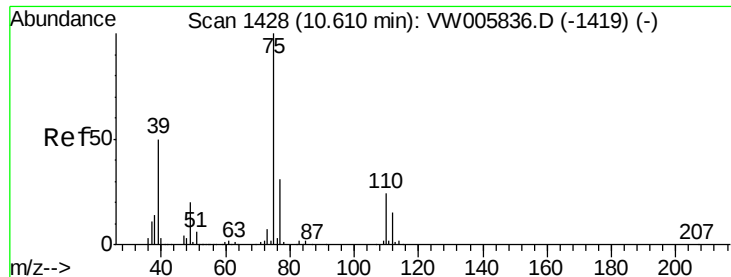
Tgt Ion: 92 Resp: 107419

Ion Ratio Lower Upper

92 100

91 176.3 139.0 208.4





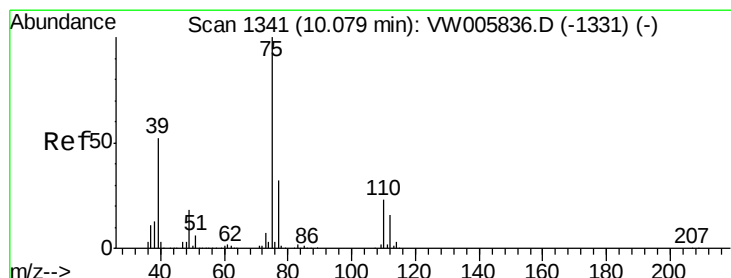
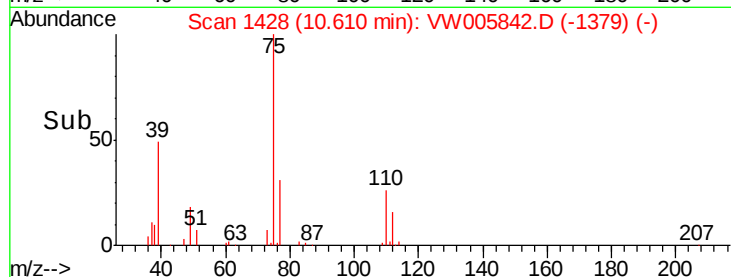
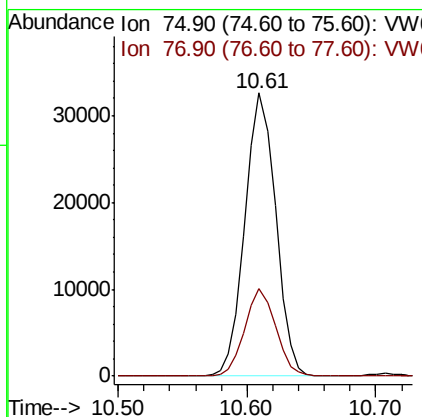
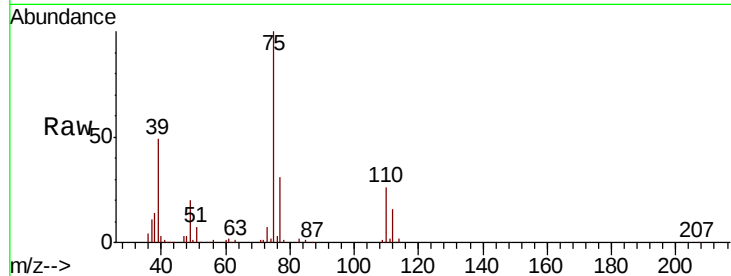
#53
t-1,3-Dichloropropene
Concen: 20.155 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion: 75 Resp: 53995
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4

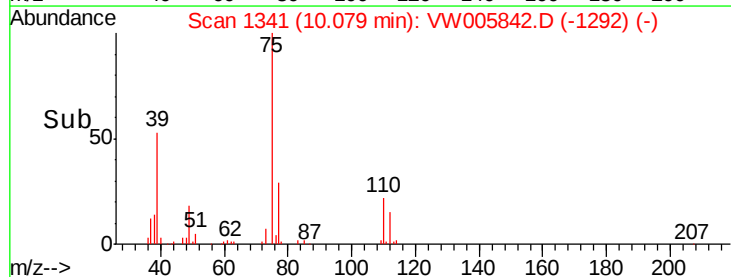
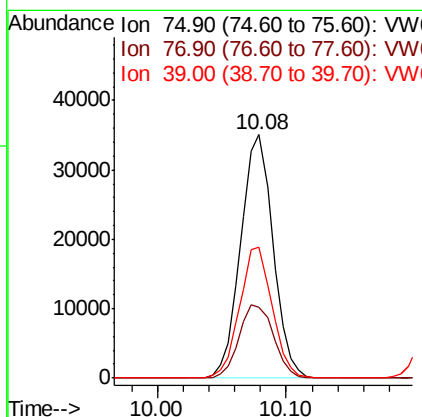
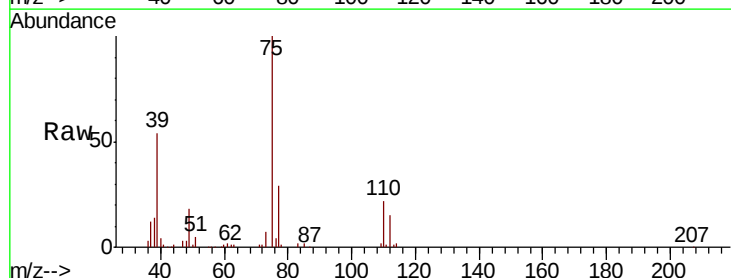
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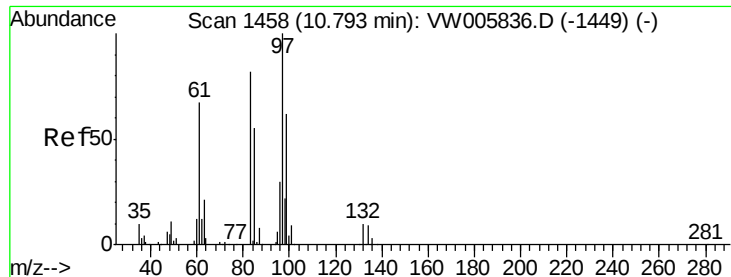
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#54
cis-1,3-Dichloropropene
Concen: 20.349 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 75 Resp: 61035
Ion Ratio Lower Upper
75 100
77 29.1 25.4 38.2
39 53.6 41.9 62.9





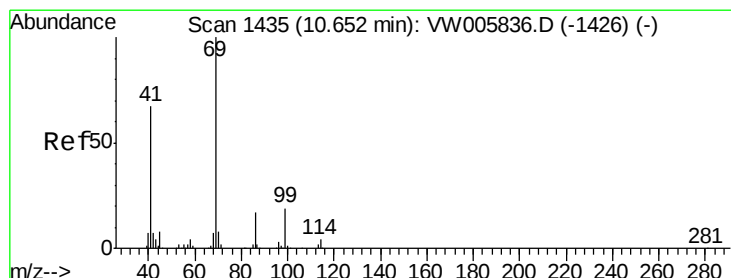
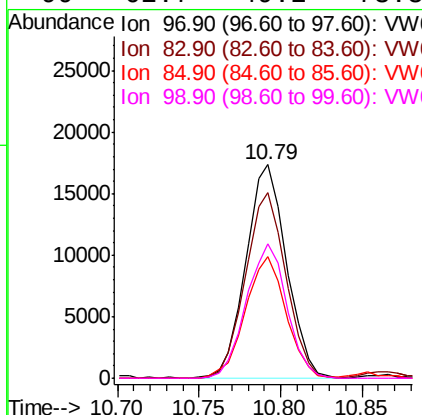
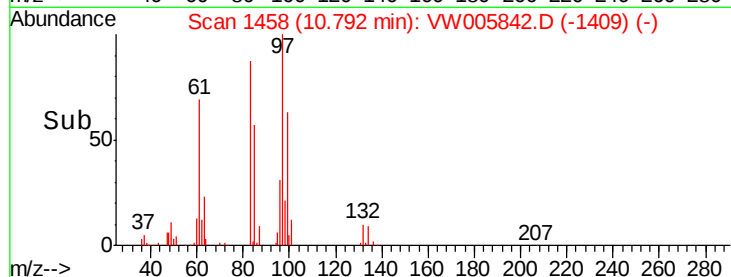
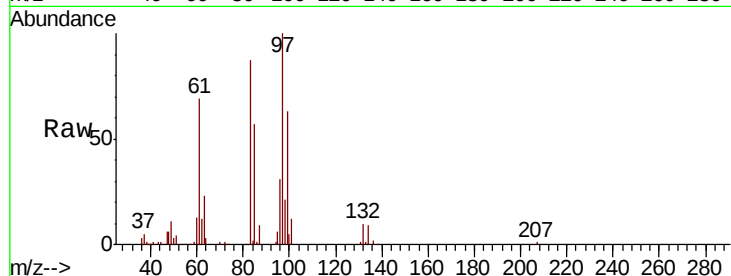
#55
 1,1,2-Trichloroethane
 Concen: 20.078 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tot Ion:	97	Resp:	30071
Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.9	98.9
85	57.2	44.2	66.2
99	62.7	49.2	73.8

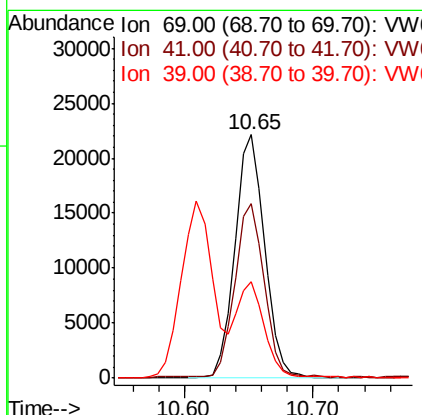
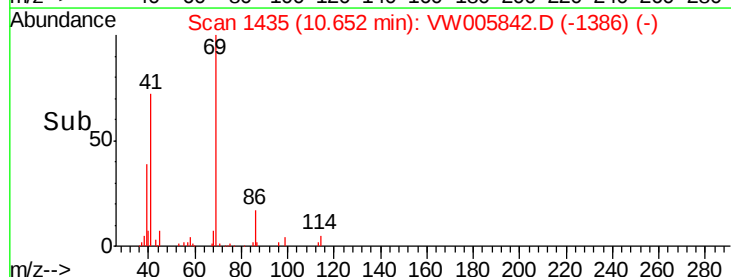
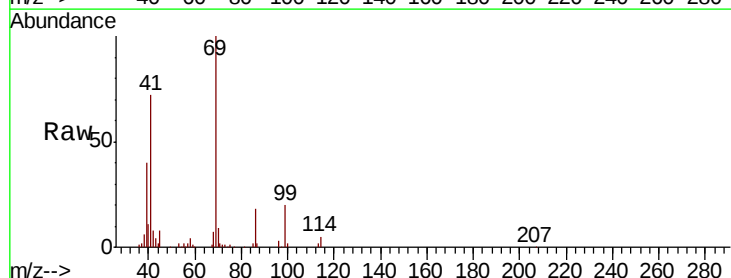
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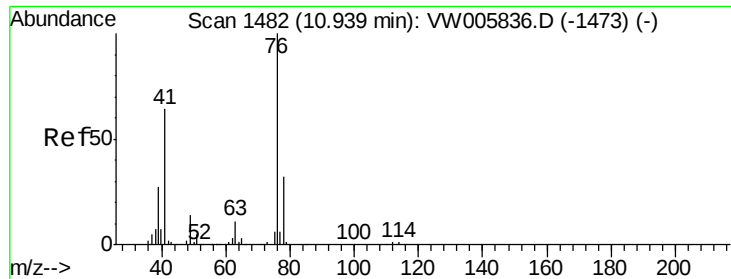
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#56
 Ethyl methacrylate
 Concen: 19.774 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion:	69	Resp:	35468
Ion	Ratio	Lower	Upper
69	100		
41	72.6	55.8	83.6
39	37.4	29.3	43.9





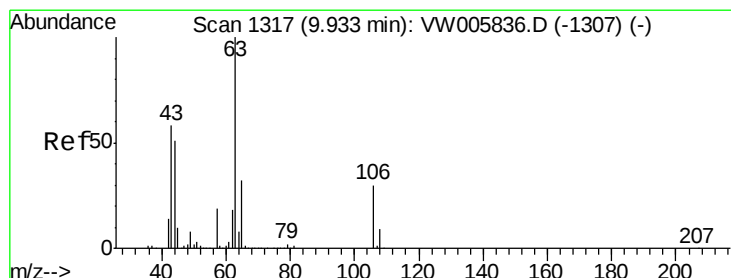
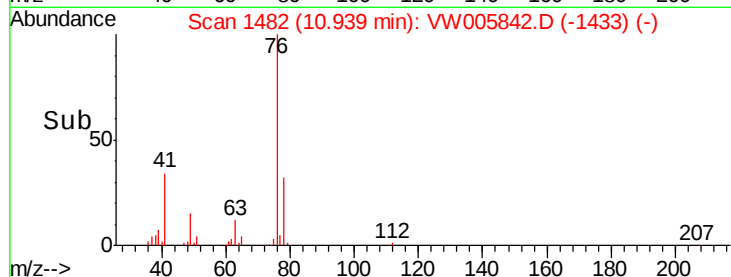
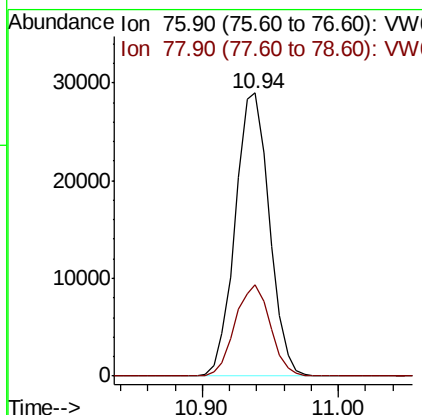
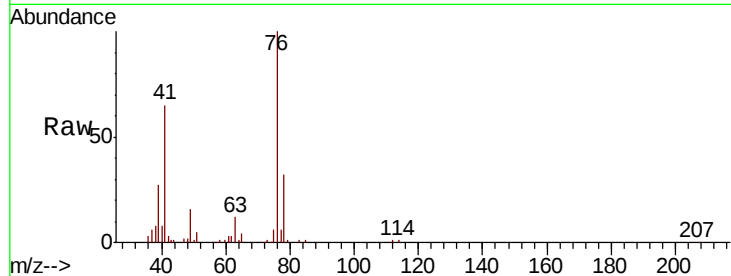
#57
 1,3-Dichloropropane
 Concen: 19.935 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tot Ion: 76 Resp: 50829
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.4 38.0

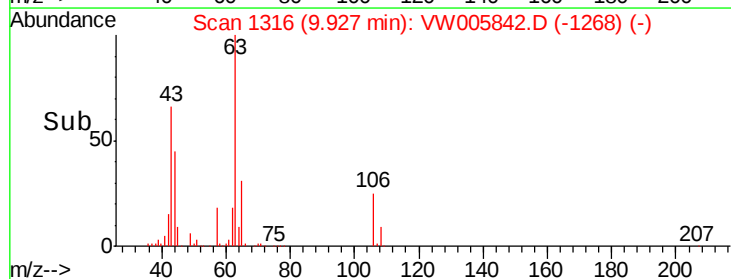
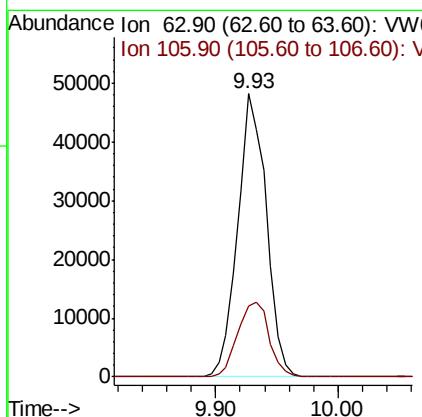
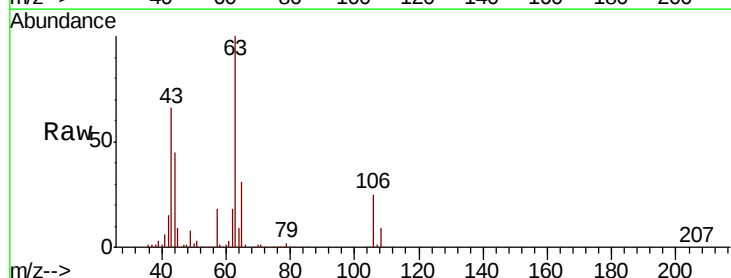
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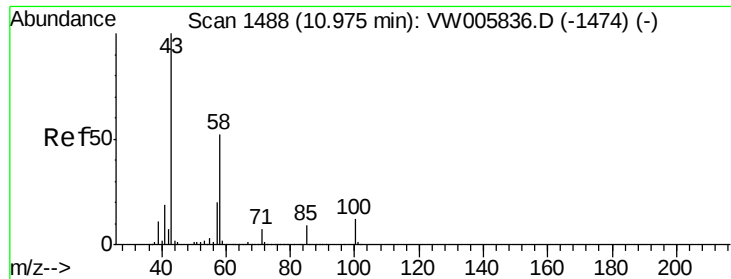
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.998 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion: 63 Resp: 78163
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.7 35.5





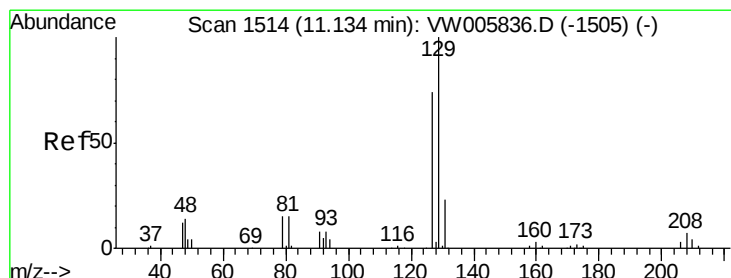
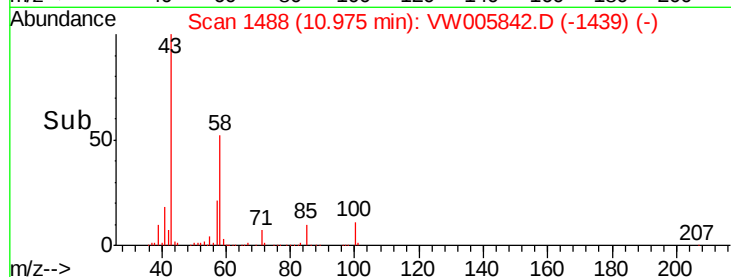
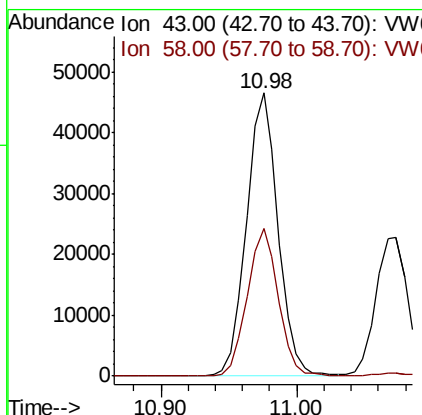
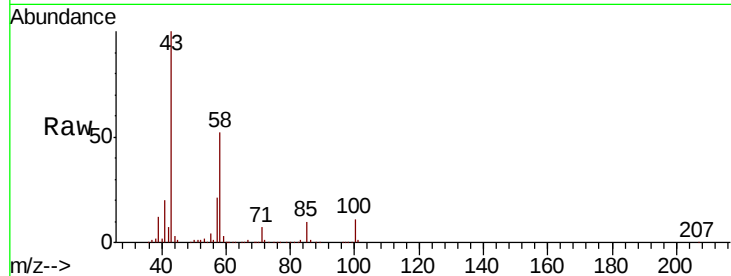
#59
2-Hexanone
Concen: 95.768 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampled :
VW1004SBS01

Tot Ion: 43 Resp: 75719
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.7

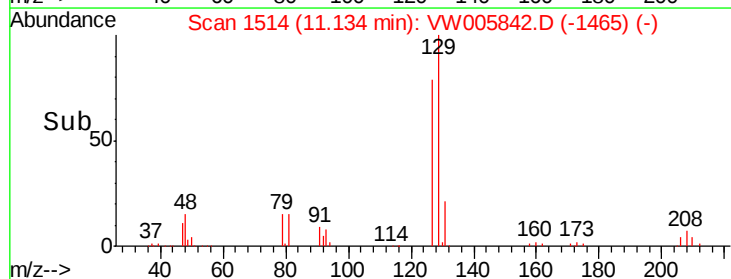
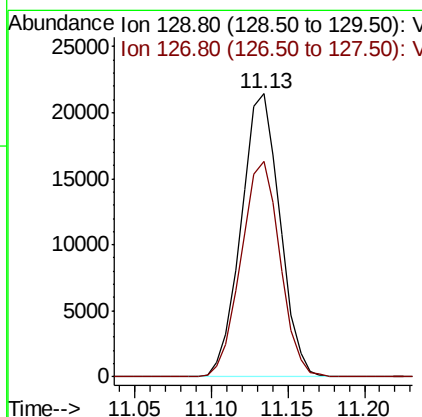
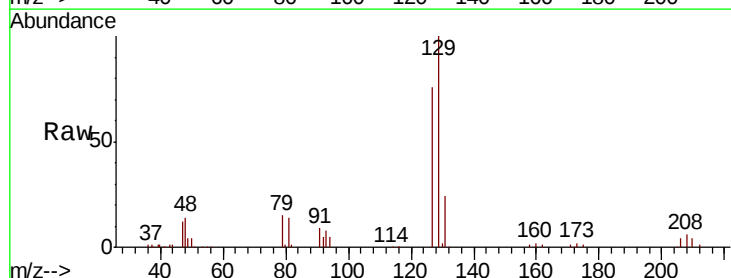
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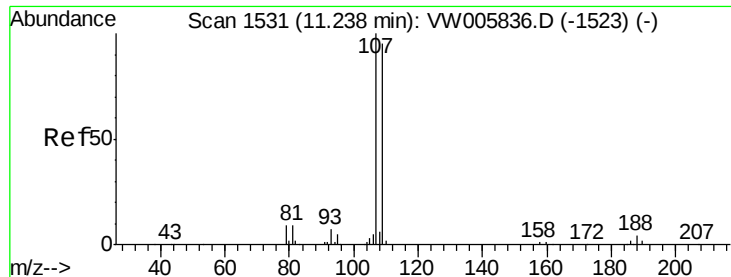
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#60
Dibromochloromethane
Concen: 20.179 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 129 Resp: 37728
Ion Ratio Lower Upper
129 100
127 76.6 37.2 111.6





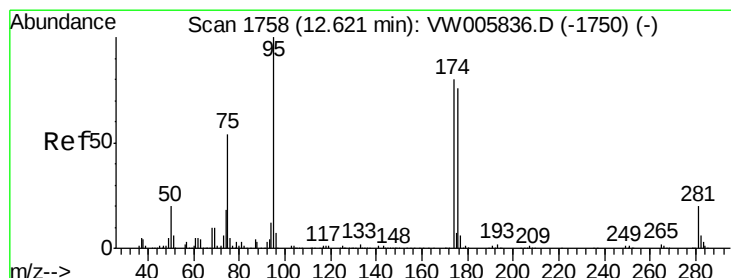
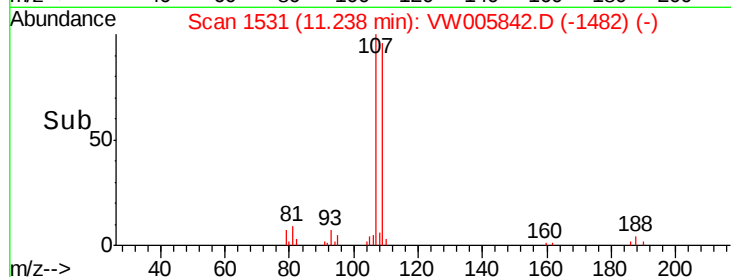
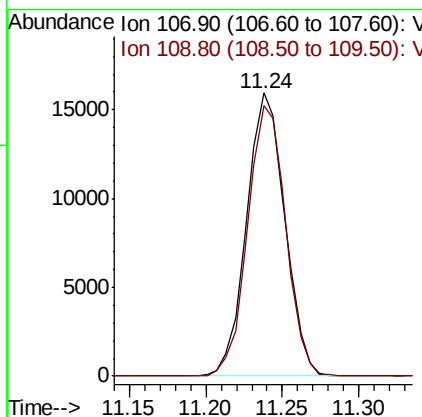
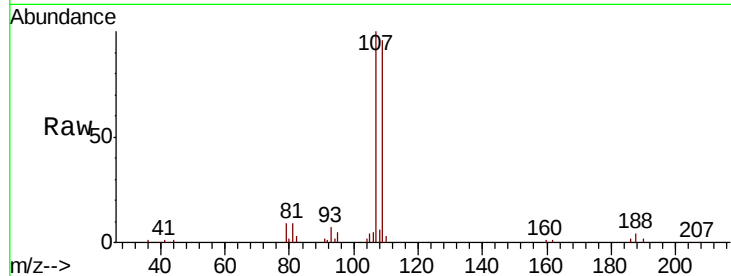
#61
 1,2-Dibromoethane
 Concen: 19.953 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.6	114.8

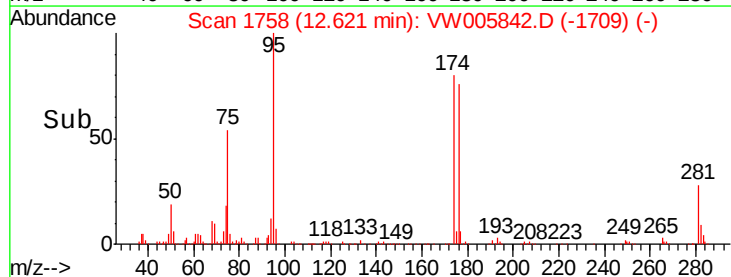
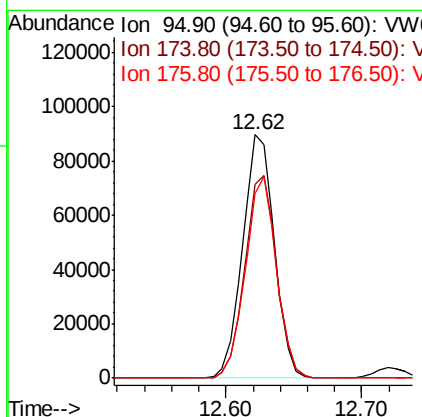
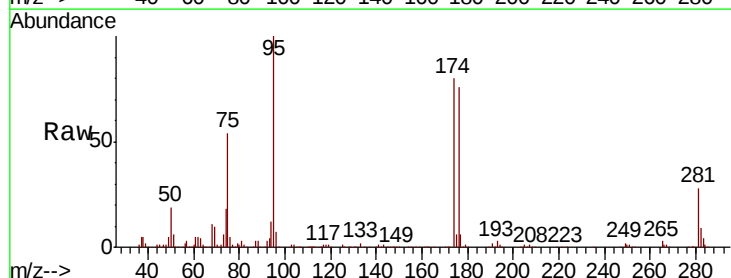
Manual Integrations
 APPROVED

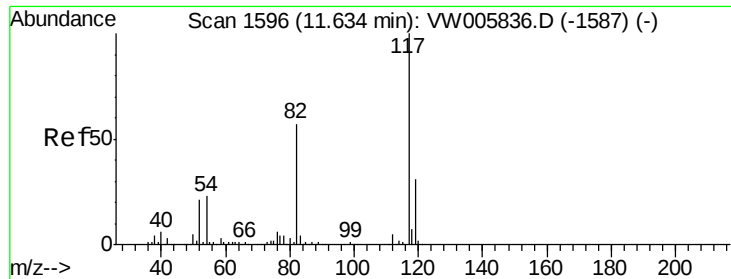
apatel
 10/4/2018 2:48:10 PM



#62
 4-Bromofluorobenzene
 Concen: 54.641 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	169.0
176	81.2	0.0	164.2





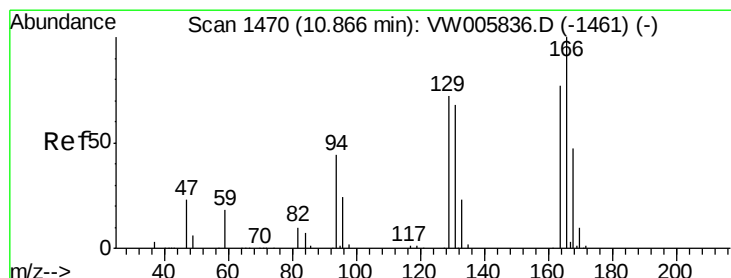
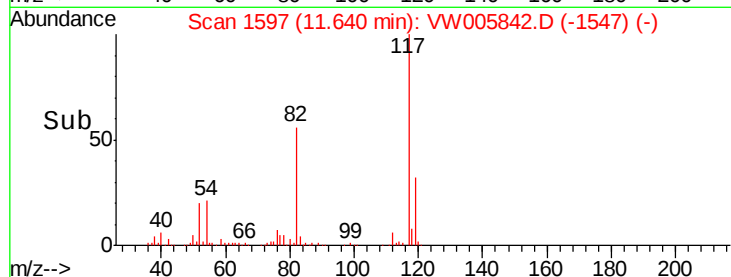
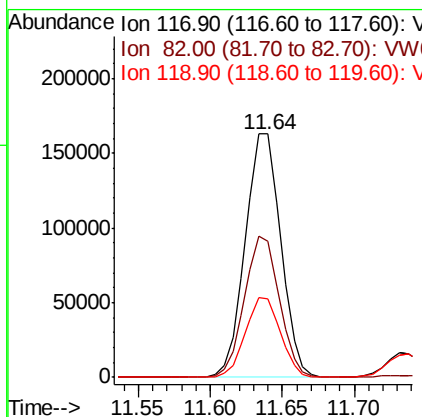
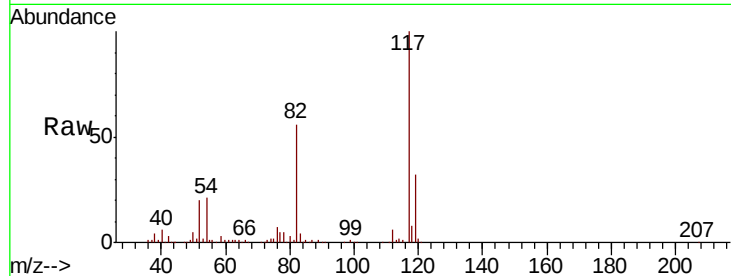
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.6	68.4
119	32.1	25.0	37.6

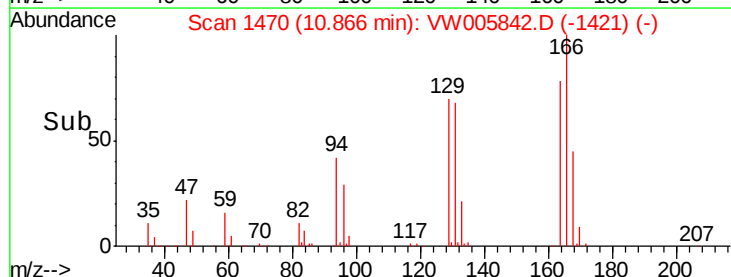
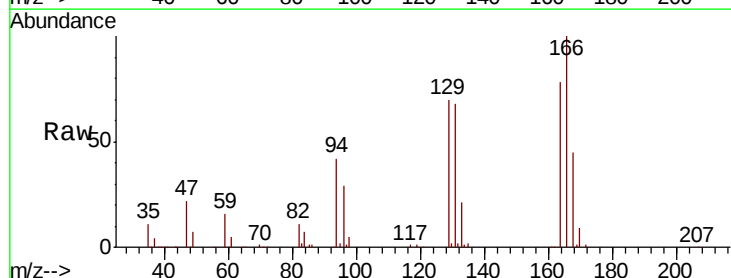
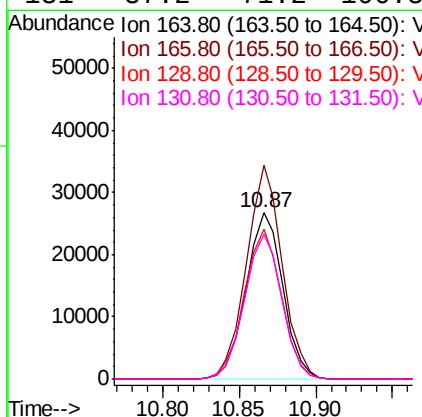
Manual Integrations
APPROVED

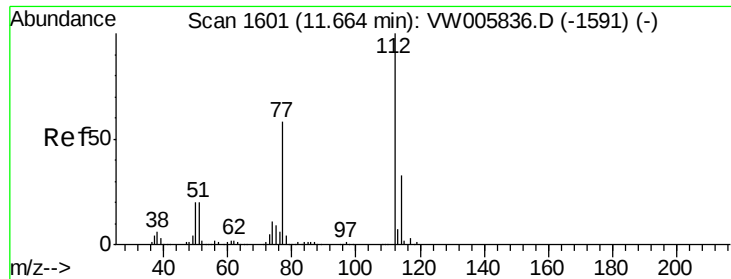
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#64
Tetrachloroethene
Concen: 20.558 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	104.0	156.0
129	90.5	74.8	112.2
131	87.2	71.2	106.8





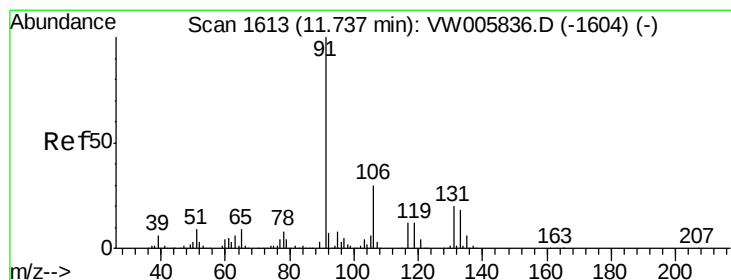
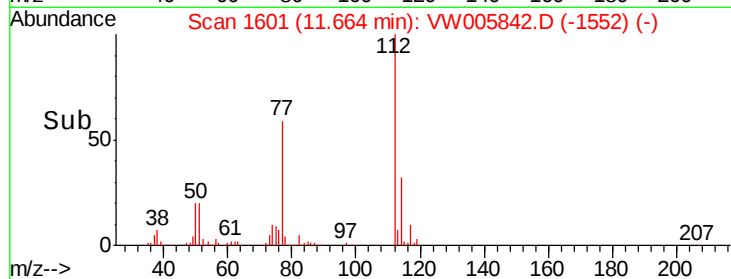
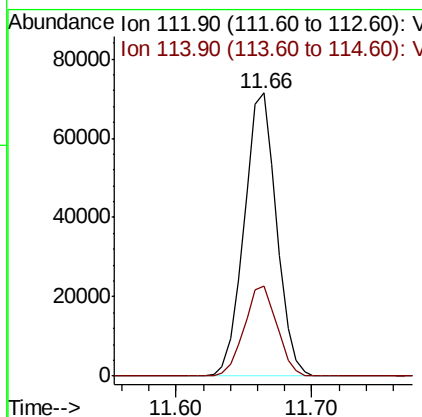
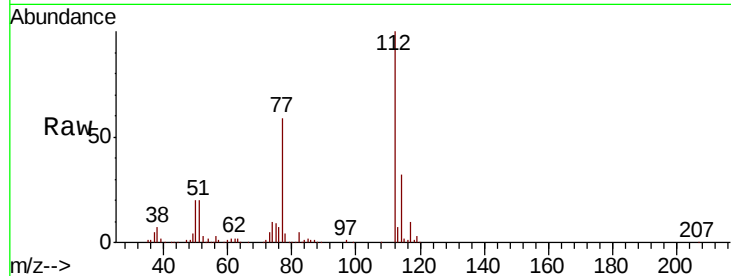
#65
Chlorobenzene
Concen: 19.533 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion:112 Resp: 118966
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1

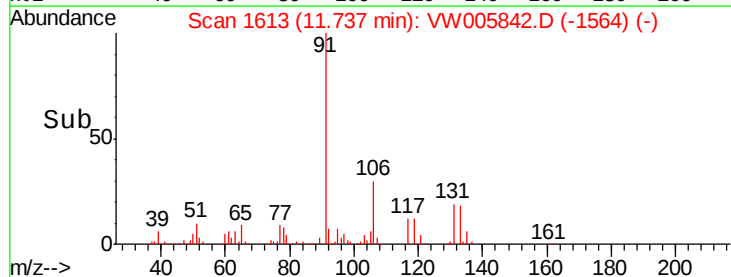
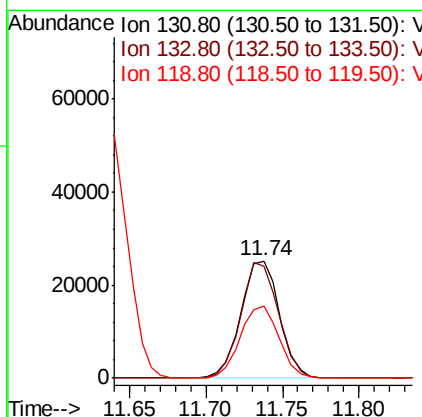
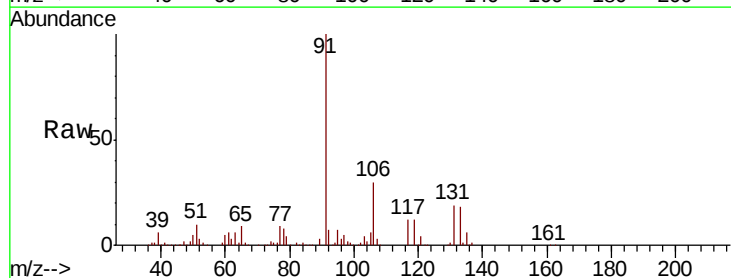
Manual Integrations
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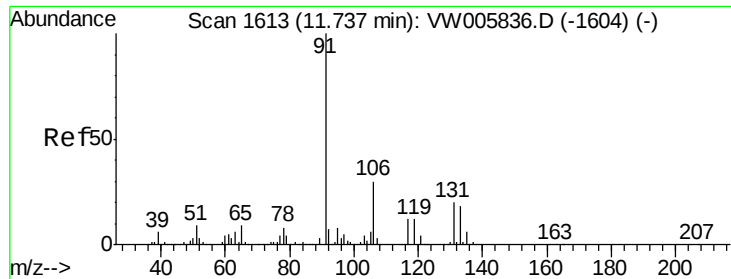
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.452 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:131 Resp: 43913
Ion Ratio Lower Upper
131 100
133 97.0 47.0 141.0
119 61.9 30.4 91.2





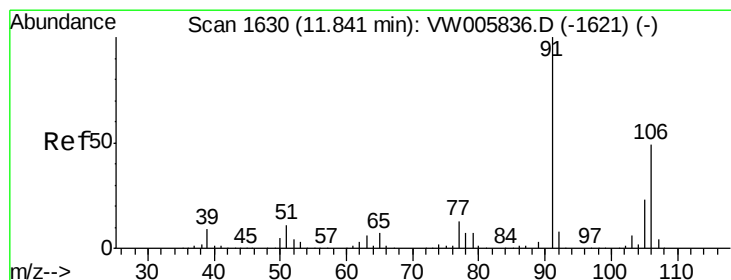
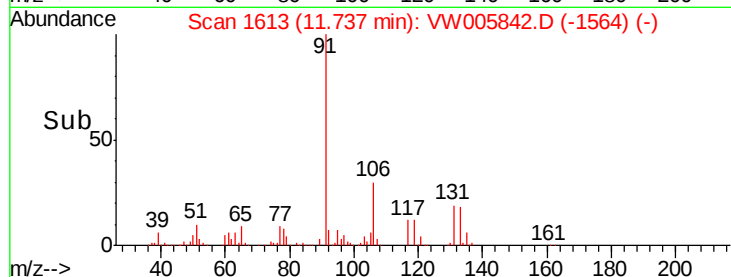
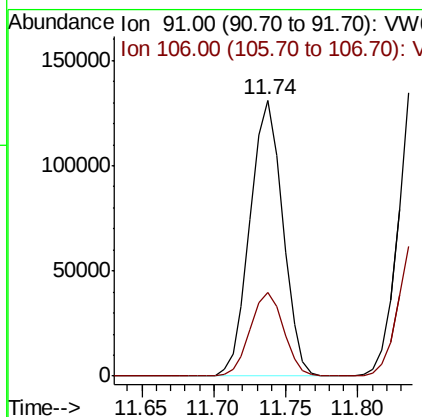
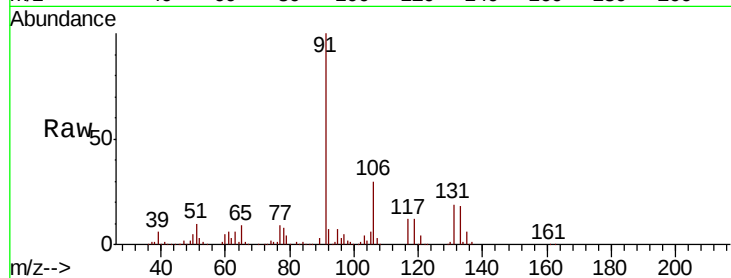
#67
Ethyl Benzene
Concen: 19.824 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion: 91 Resp: 206742
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

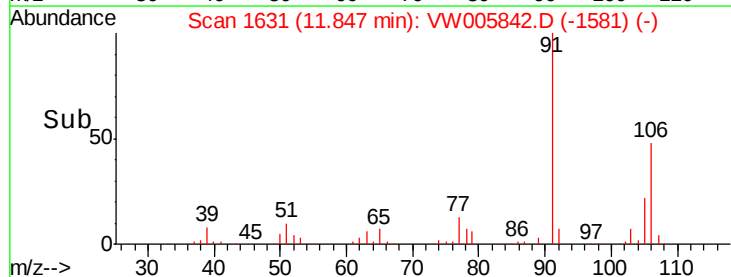
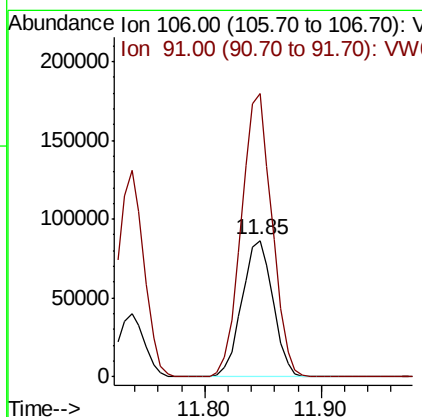
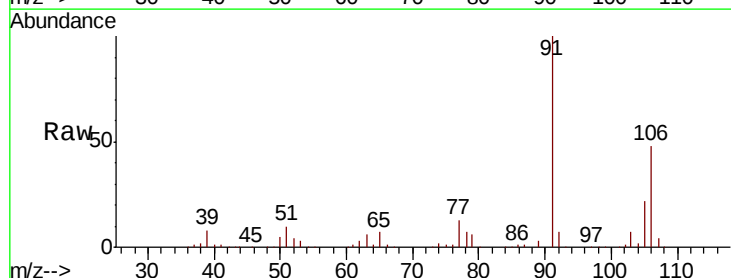
Manual Integrations
APPROVED

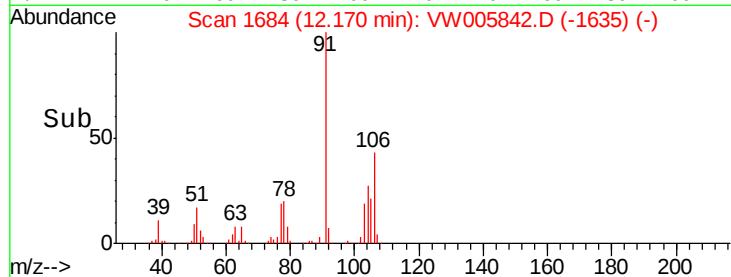
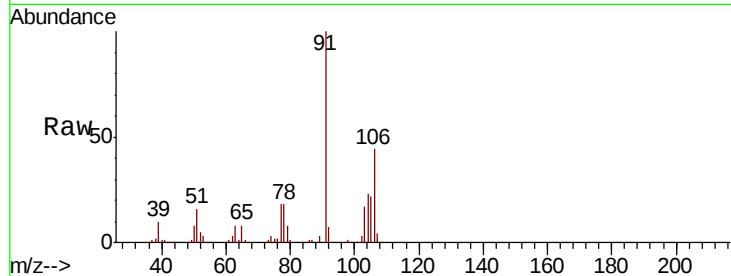
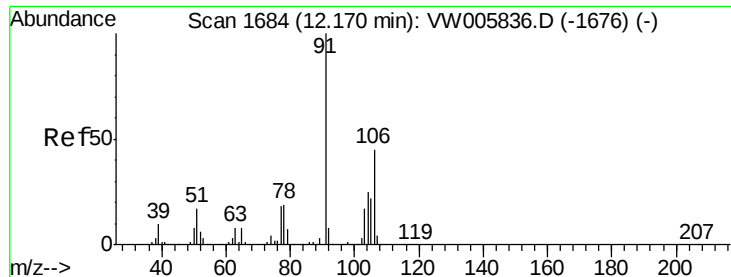
apatel
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#68
m/p-Xylenes
Concen: 40.137 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 106 Resp: 161293
Ion Ratio Lower Upper
106 100
91 204.9 165.4 248.0





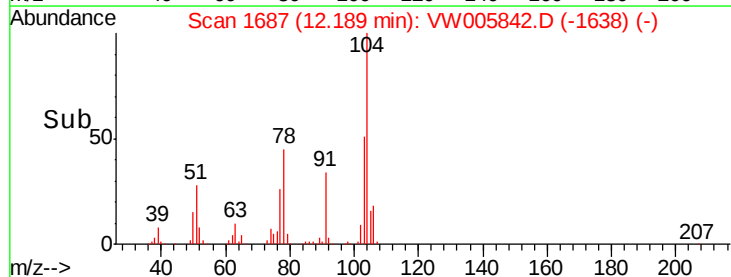
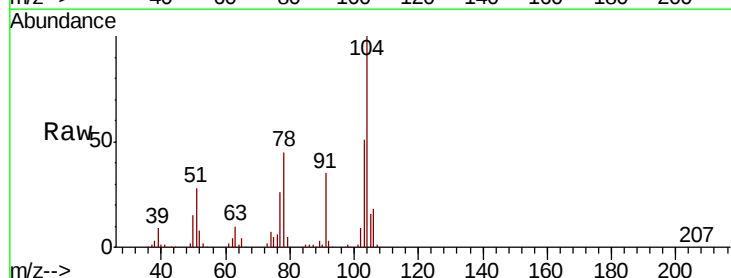
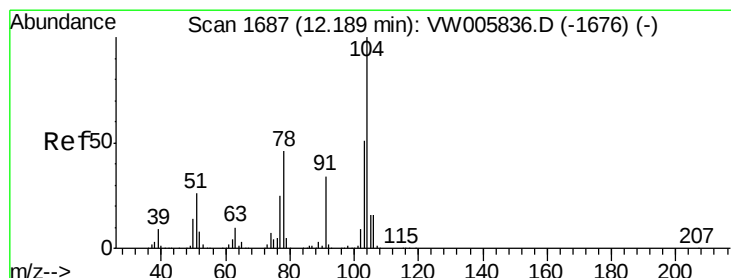
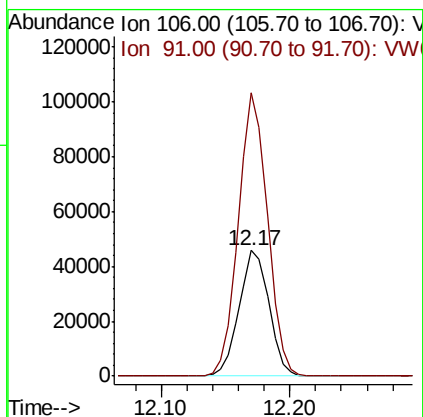
#69
o-Xylene
Concen: 19.637 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tot Ion:106 Resp: 73348
Ion Ratio Lower Upper
106 100
91 220.6 109.7 329.1

Instrument :
MSVOA_W
ClientSampled :
VW1004SBS01

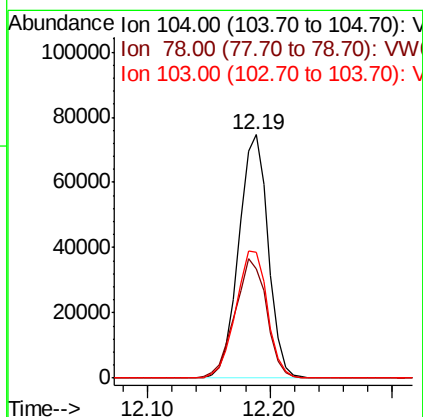
Manual Integrations
APPROVED

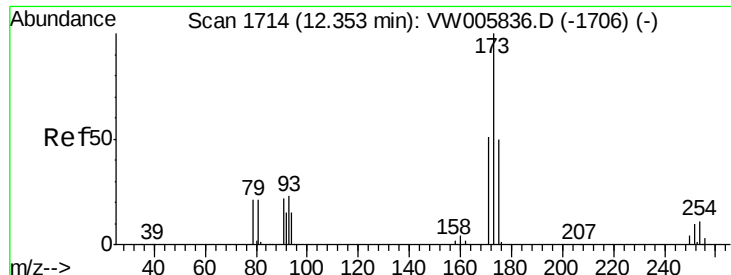
apatel
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#70
Styrene
Concen: 19.600 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:104 Resp: 124178
Ion Ratio Lower Upper
104 100
78 53.2 42.3 63.5
103 56.4 44.9 67.3





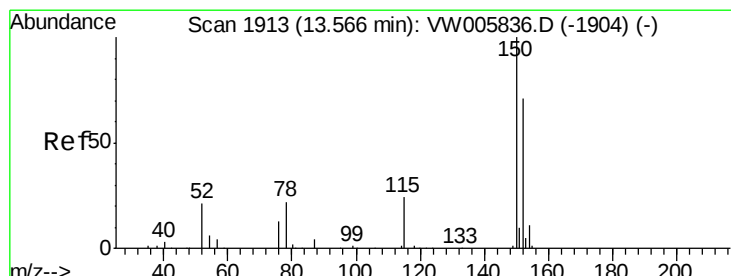
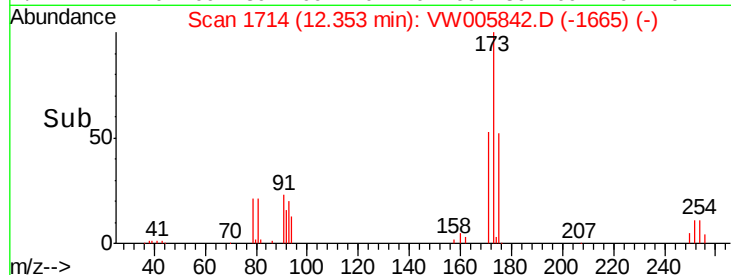
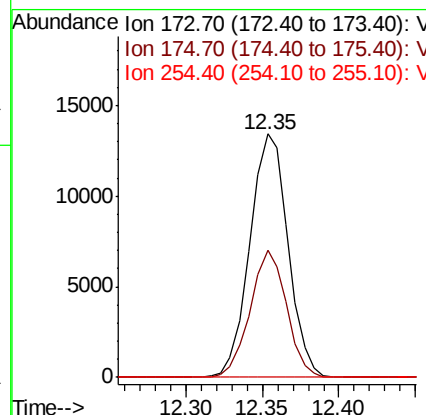
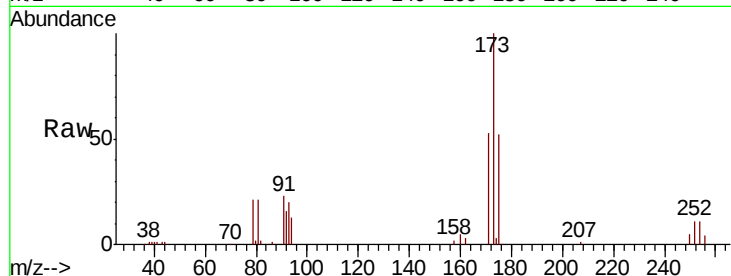
#71
Bromoform
Concen: 18.703 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.3	72.9
254	0.0	0.1	0.1#

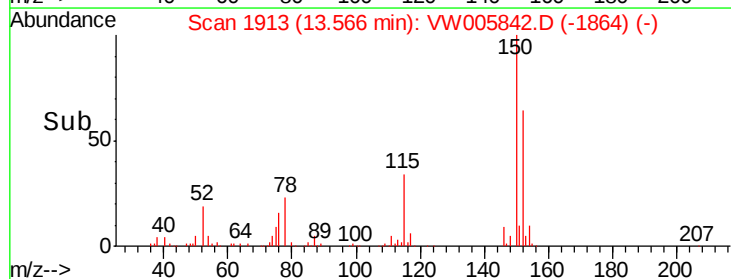
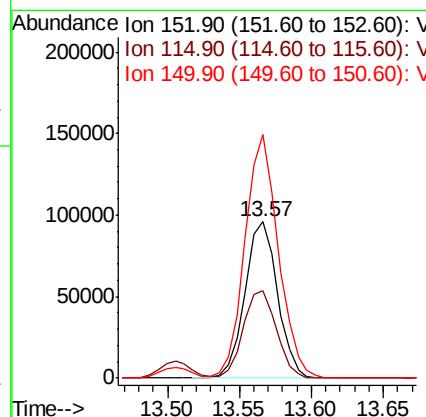
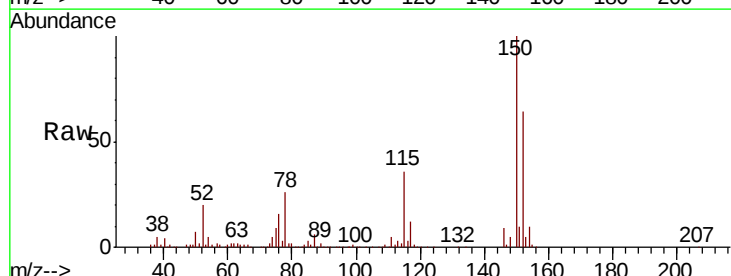
Manual Integrations
APPROVED

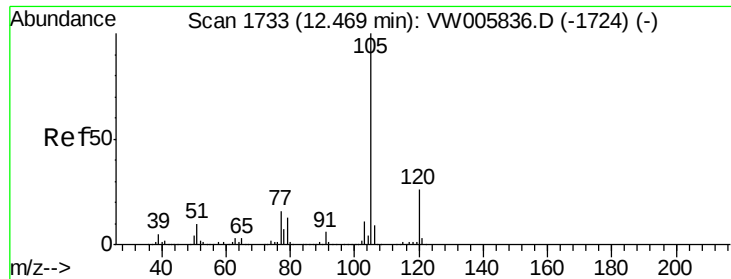
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.8	89.4
150	160.2	0.0	349.4





#73

Isopropylbenzene

Concen: 20.617 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion:105 Resp: 211762

Ion Ratio Lower Upper

105 100

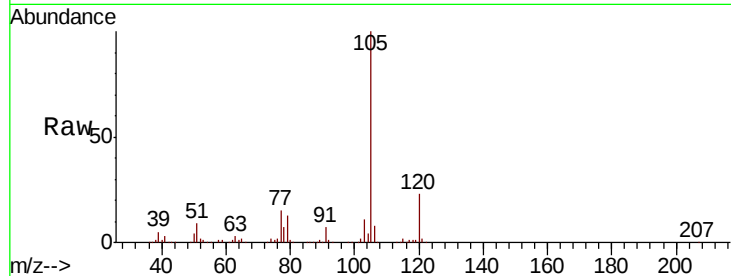
120 25.7 12.9 38.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

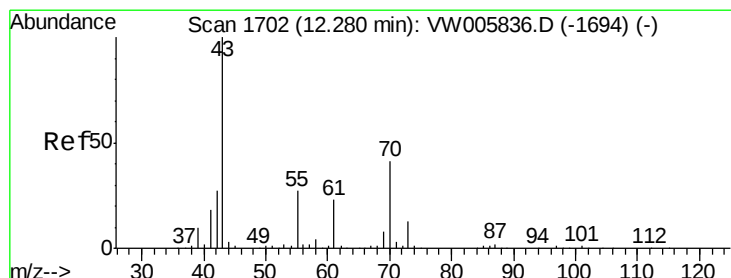
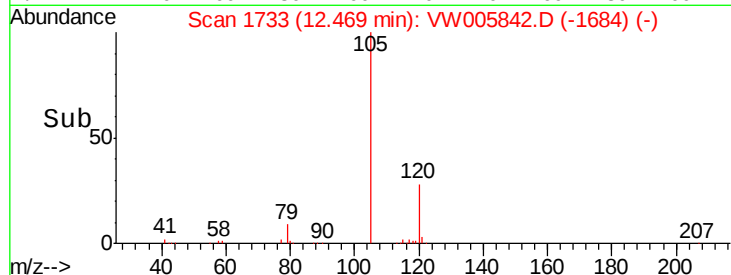
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.493 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion: 43 Resp: 41339

Ion Ratio Lower Upper

43 100

70 41.3 33.6 50.4

55 28.2 21.8 32.6

61 23.4 18.6 28.0

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

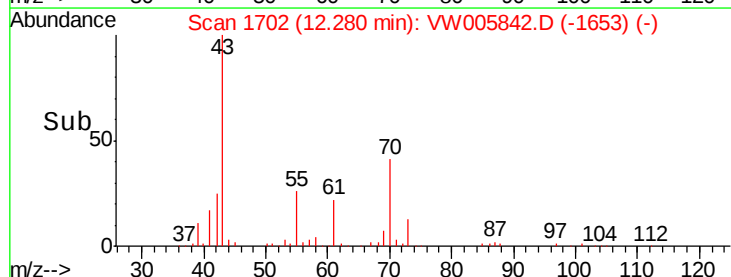
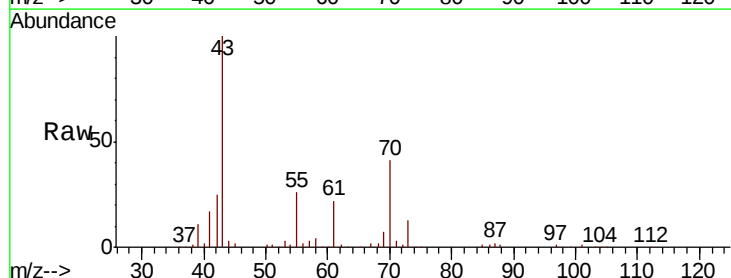
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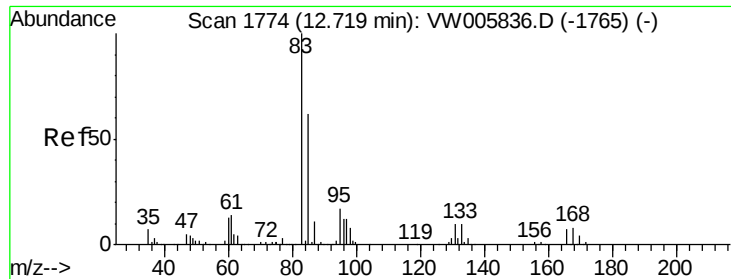
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.393 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

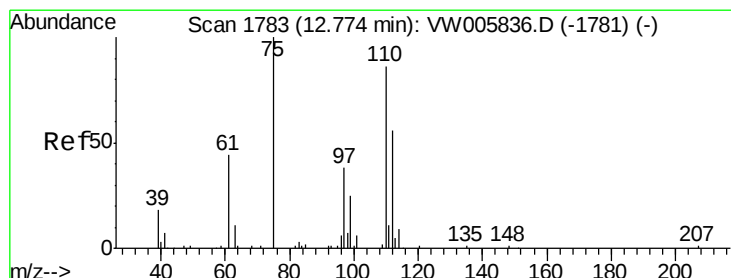
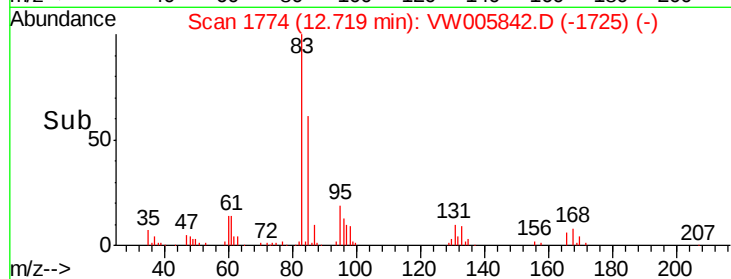
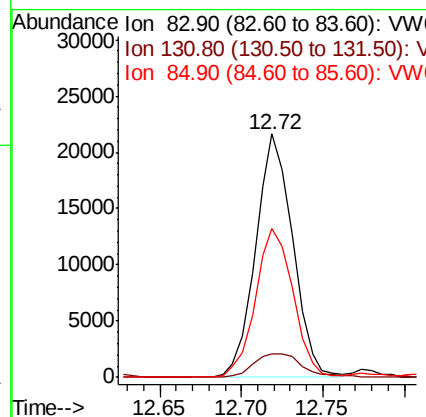
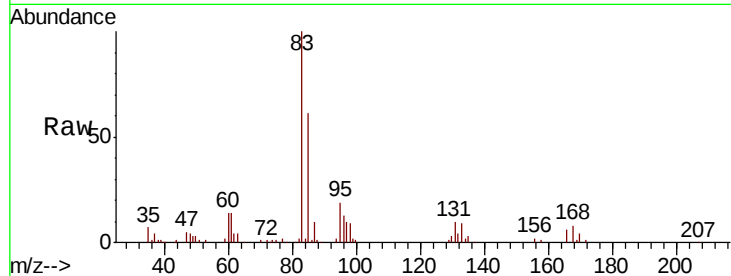
ClientSampleId :

VW1004SBS01

Tot Ion:	83	Resp:	34177
Ion Ratio	Lower	Upper	
83	100		
131	12.6	5.9	17.6
85	62.1	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.851 ug/l m

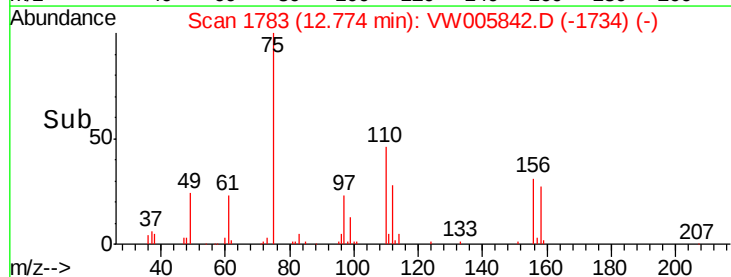
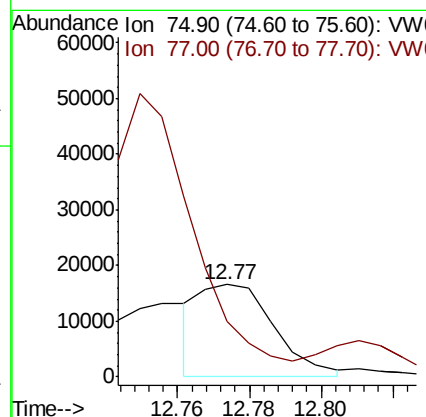
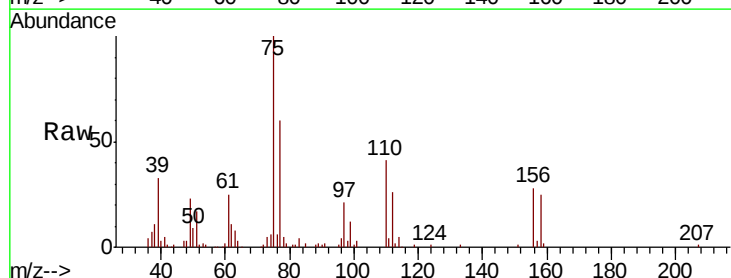
RT: 12.77 min Scan# 1783

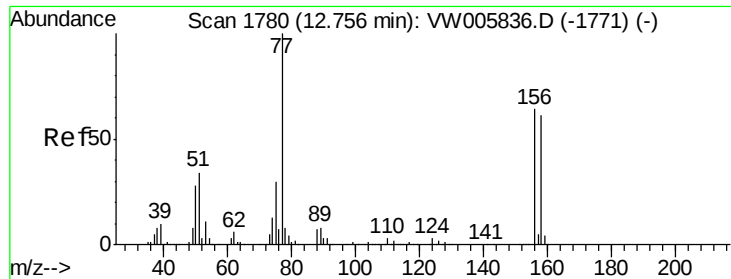
Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion:	75	Resp:	24218
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.092 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

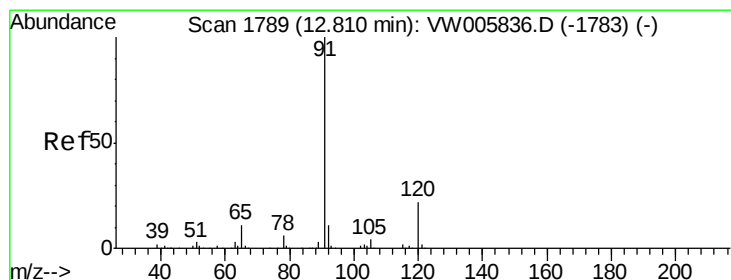
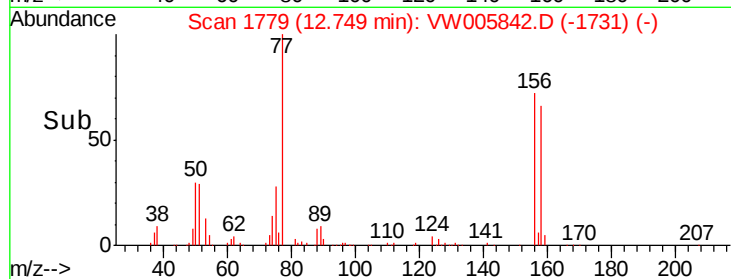
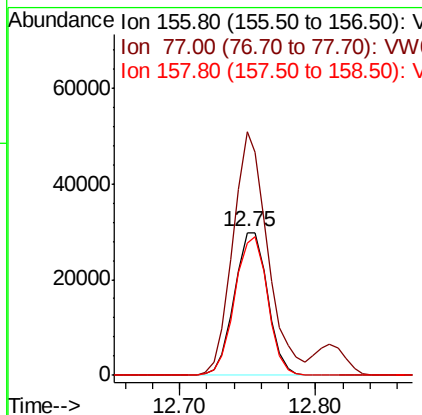
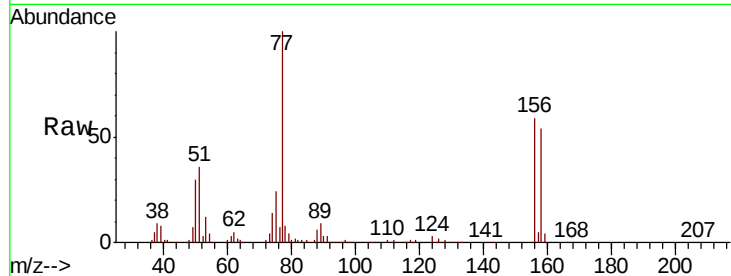
ClientSampleId :

VW1004SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		50954		
77	178.4	91.0	273.1		
158	95.5	48.4	145.2		

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#78

n-propylbenzene

Concen: 20.636 ug/l

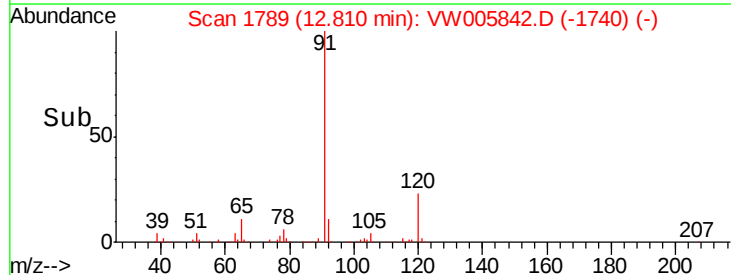
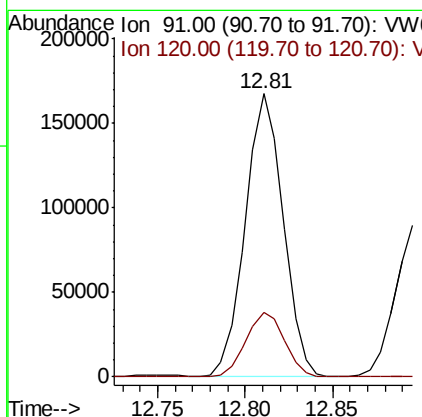
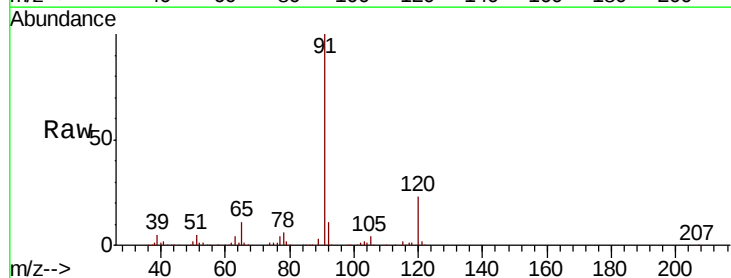
RT: 12.81 min Scan# 1789

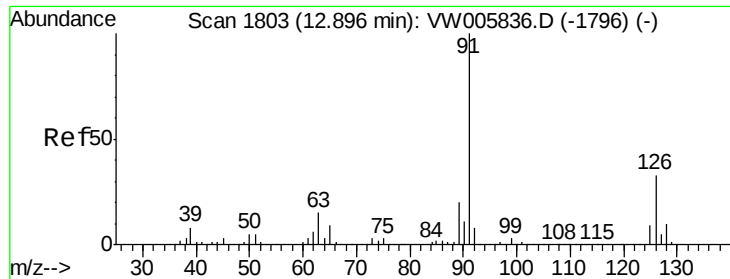
Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		252112		
120	23.3	11.3	33.9		





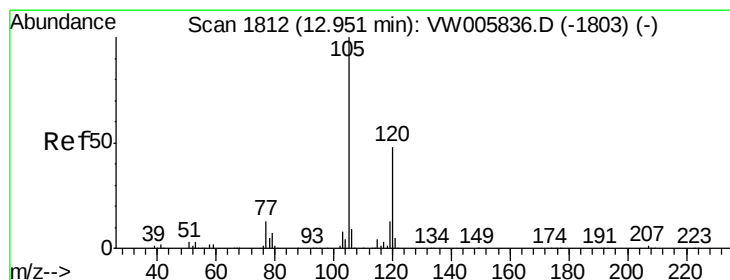
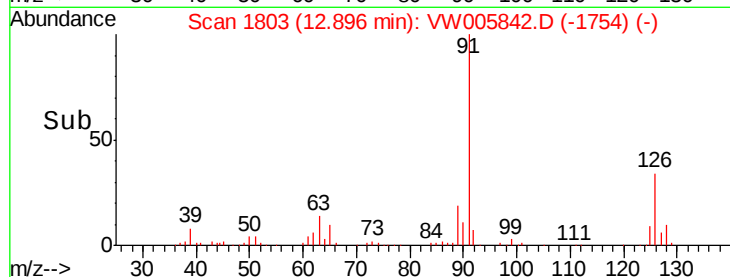
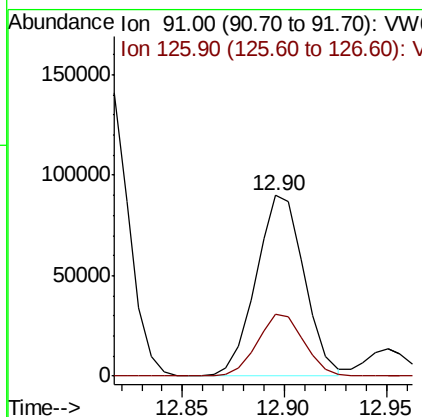
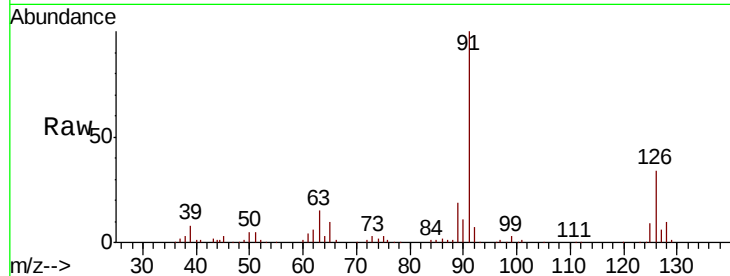
#79
2-Chlorotoluene
Concen: 20.238 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion: 91 Resp: 147263
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8

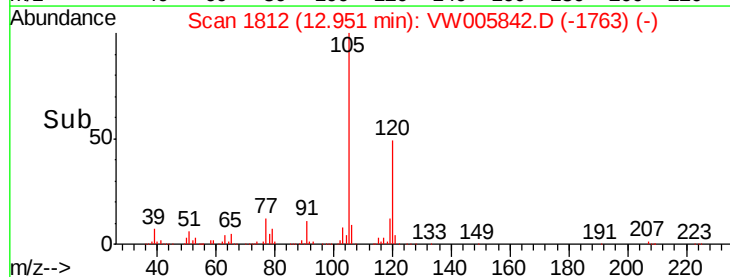
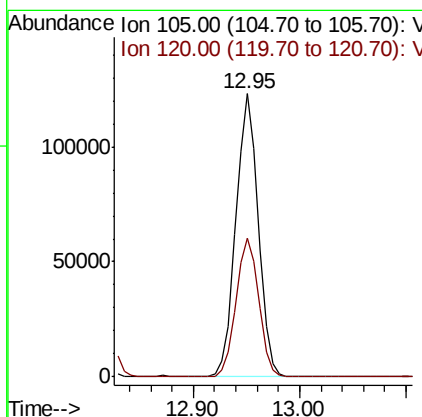
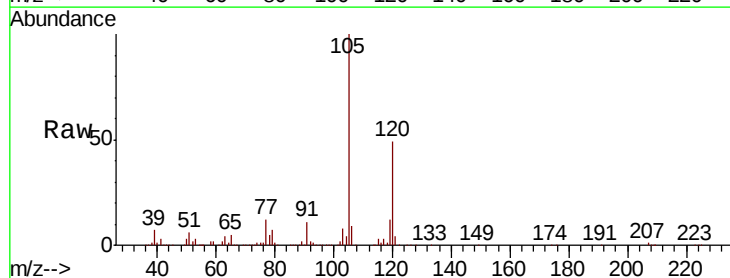
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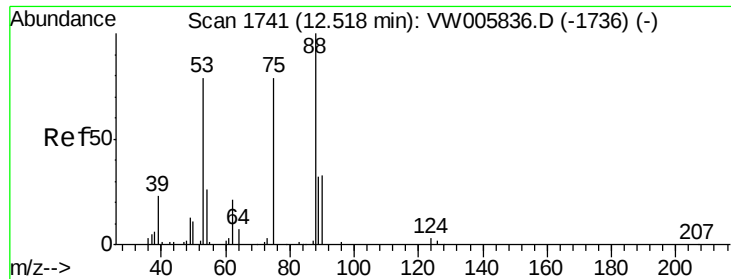
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#80
1,3,5-Trimethylbenzene
Concen: 20.453 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:105 Resp: 182436
Ion Ratio Lower Upper
105 100
120 49.6 23.8 71.2





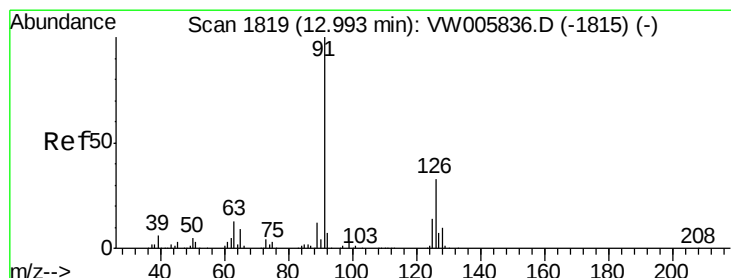
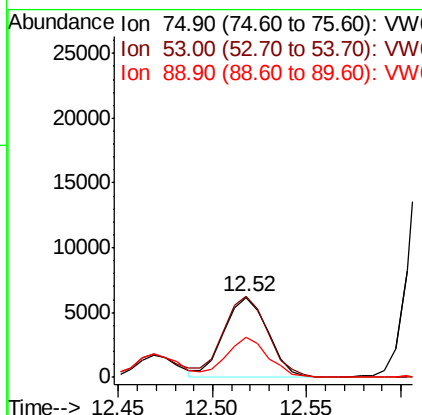
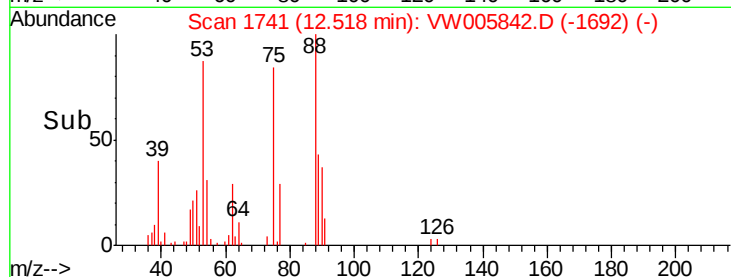
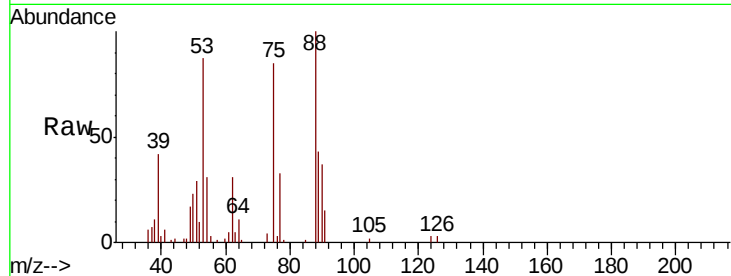
#81
trans-1,4-Dichloro-2-butene
Concen: 18.598 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	83.7	125.5
89	46.9	37.5	56.3

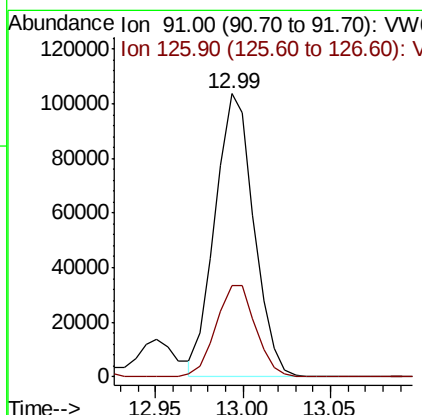
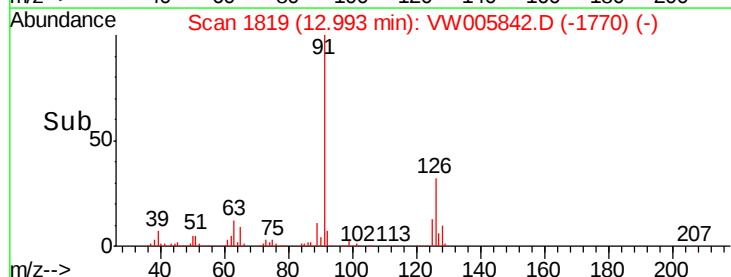
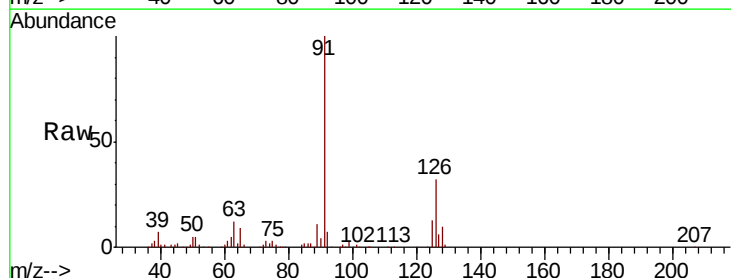
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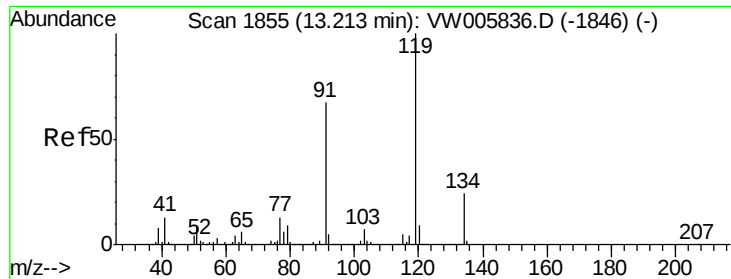
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#82
4-Chlorotoluene
Concen: 20.849 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.0





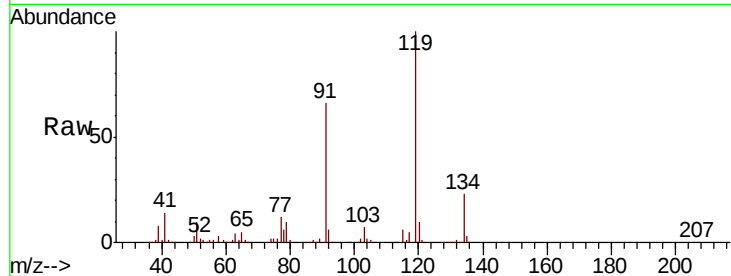
#83
tert-Butylbenzene
Concen: 20.574 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

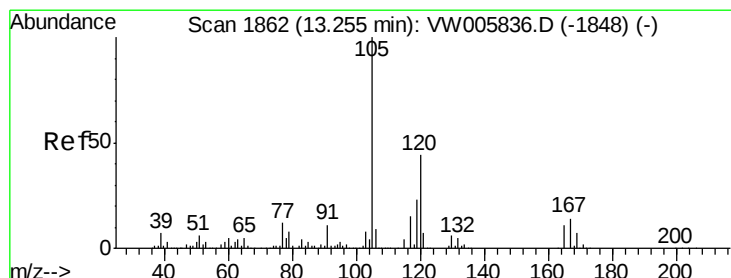
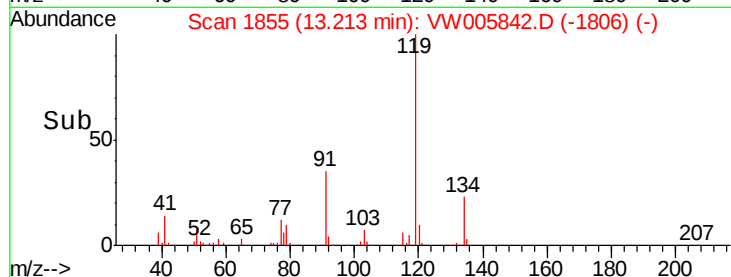
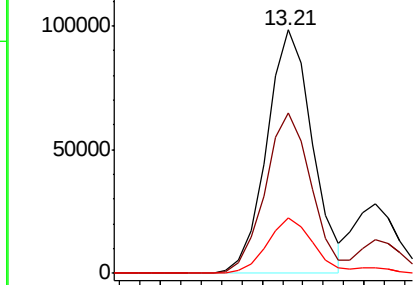
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.4	100.2
134	24.6	12.8	38.3

Manual Integrations
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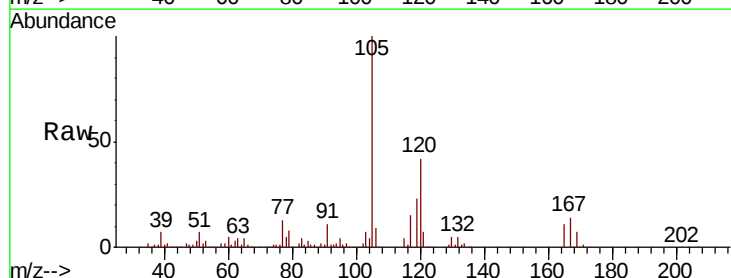


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

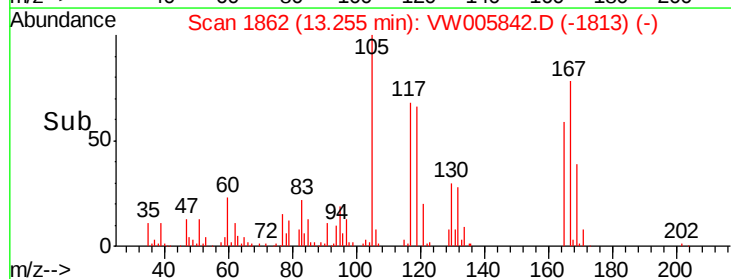
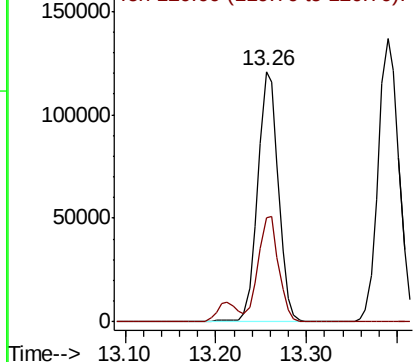


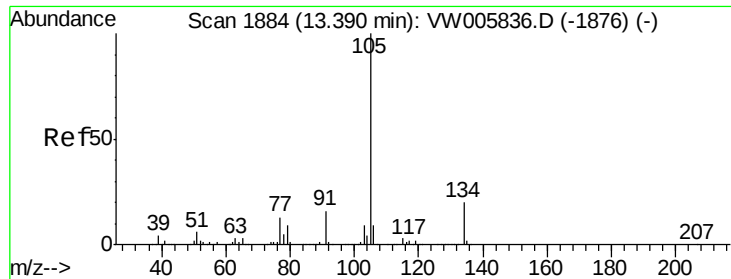
#84
1,2,4-Trimethylbenzene
Concen: 20.781 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.6	21.9	65.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.103 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tot Ion:105 Resp: 215868

Ion Ratio Lower Upper

105 100

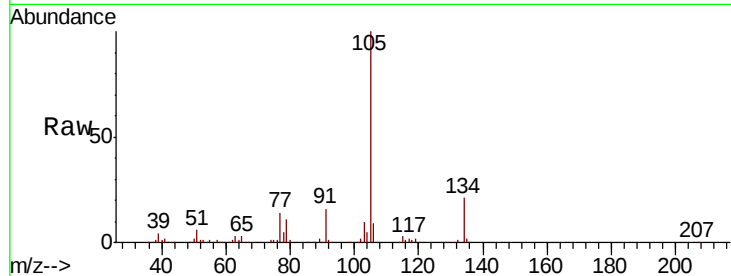
134 20.2 10.0 30.0

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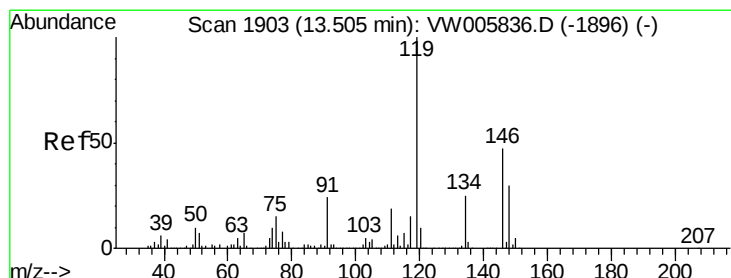
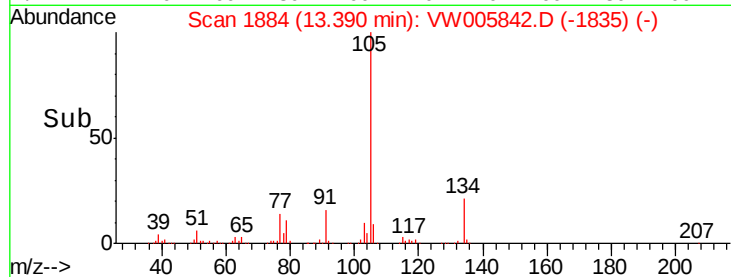
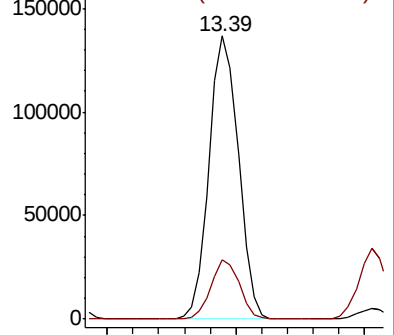
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.749 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

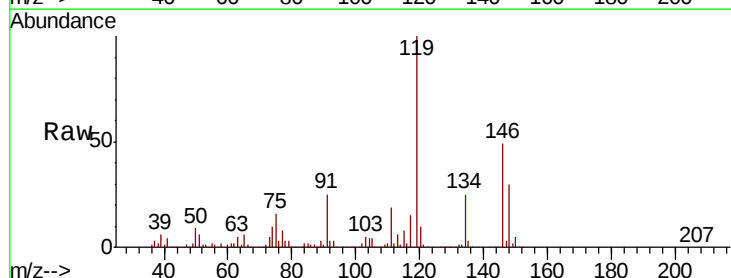
Tgt Ion:119 Resp: 199991

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

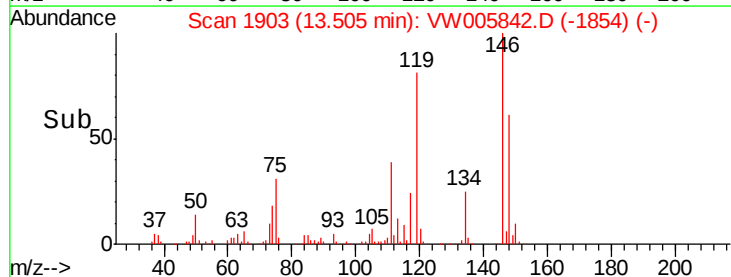
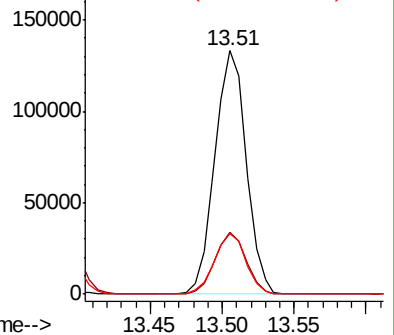
91 24.7 11.9 35.9

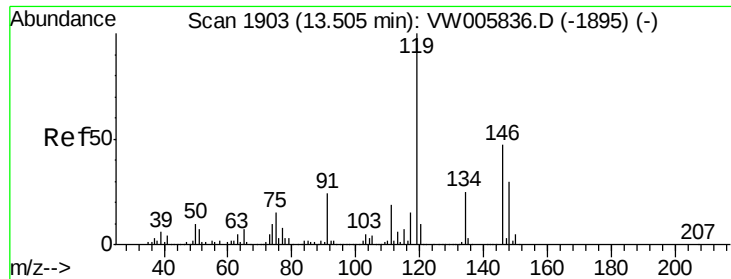


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





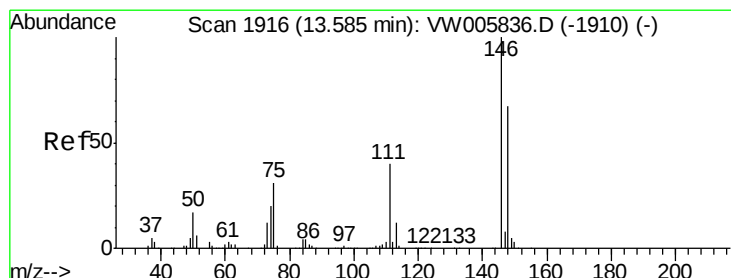
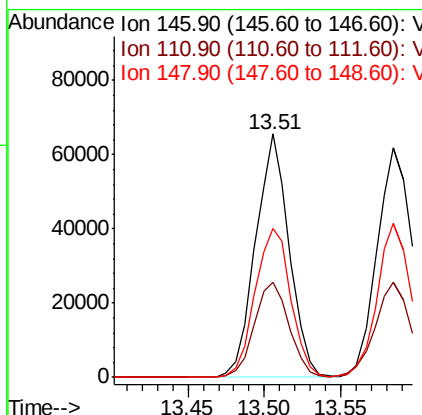
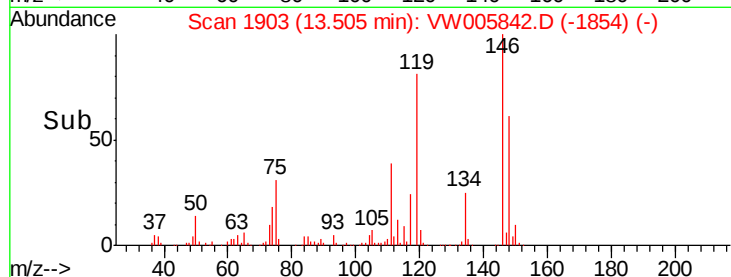
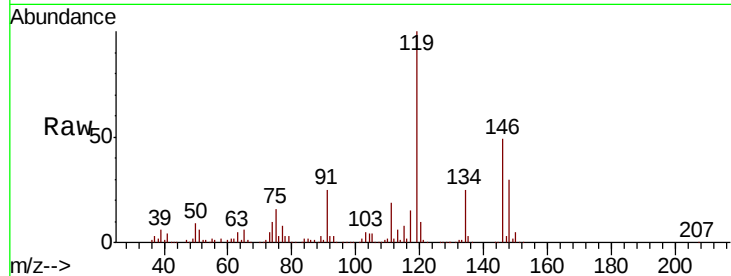
#87
 1,3-Dichlorobenzene
 Concen: 19.534 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	65.1	32.0	96.2

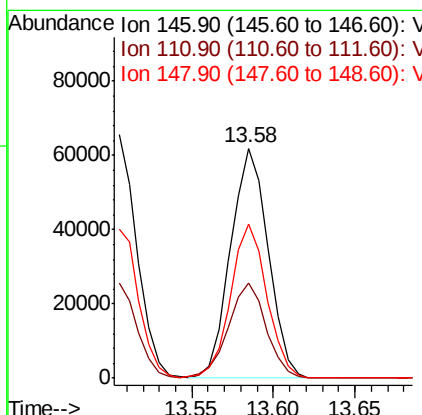
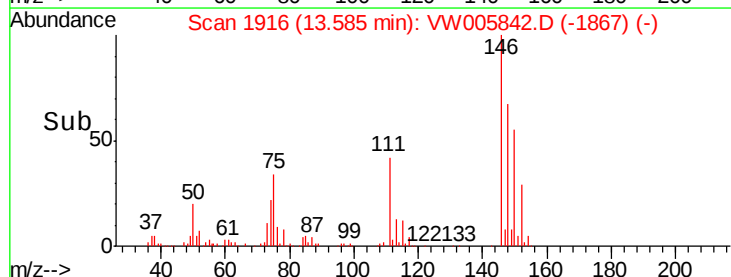
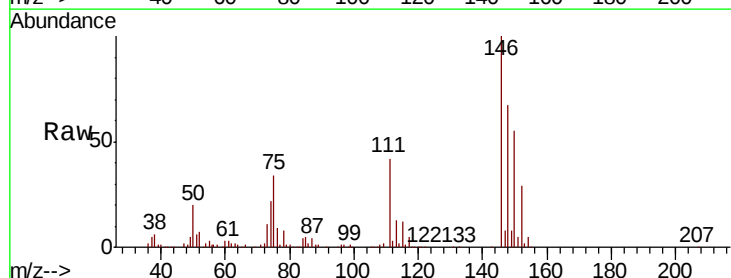
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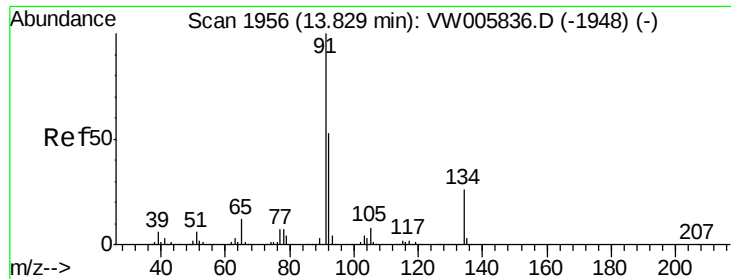
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#88
 1,4-Dichlorobenzene
 Concen: 19.448 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.7	59.1
148	64.7	32.1	96.5





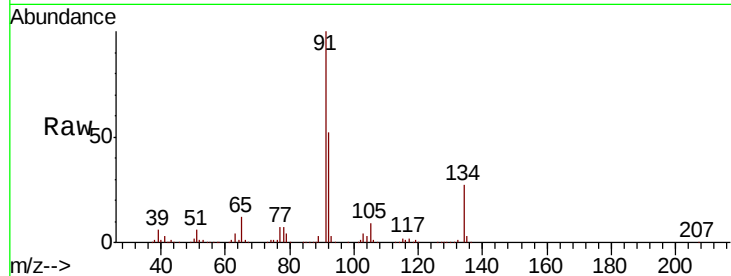
#89
n-Butylbenzene
Concen: 20.004 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	26.6	13.1	39.1

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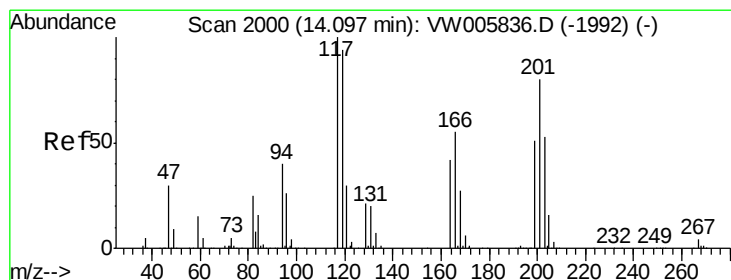
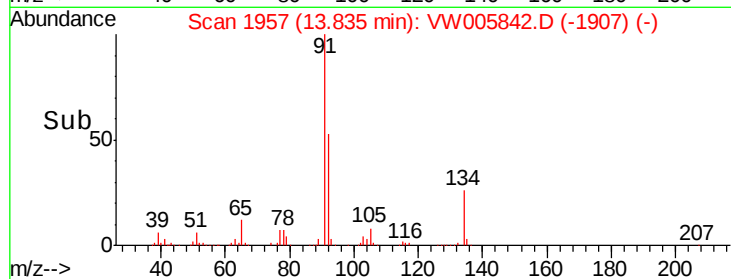
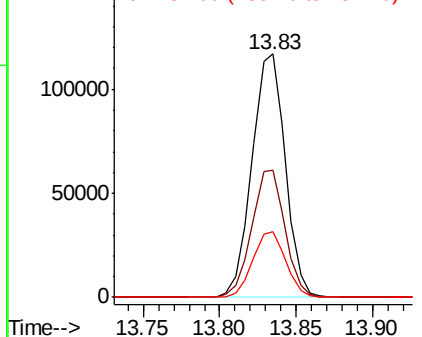


Abundance

Ion 91.00 (90.70 to 91.70): VW

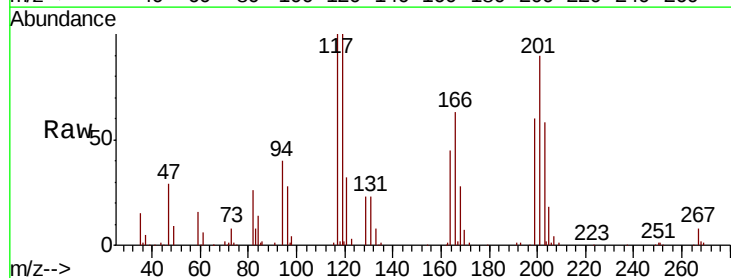
Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90
Hexachloroethane
Concen: 19.837 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

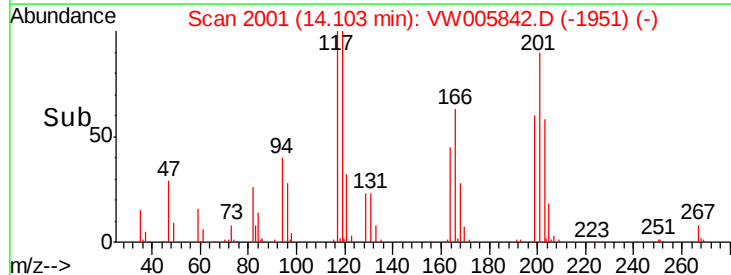
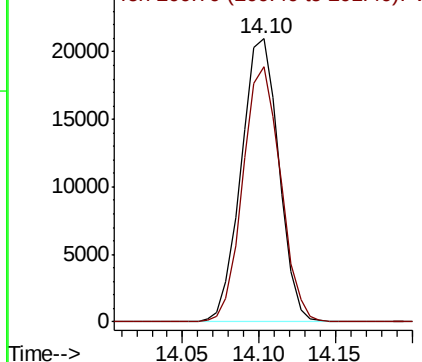
Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	43.7	131.1

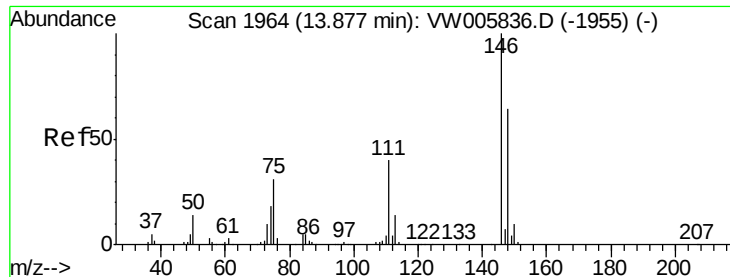


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.964 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

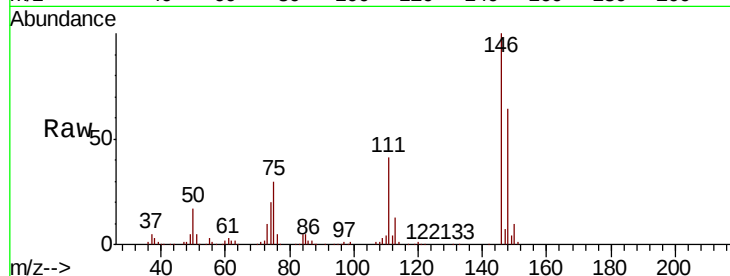
ClientSampleId :

VW1004SBS01

Tot Ion:	146	Resp:	91826
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.4	61.3
148	63.8	32.1	96.3

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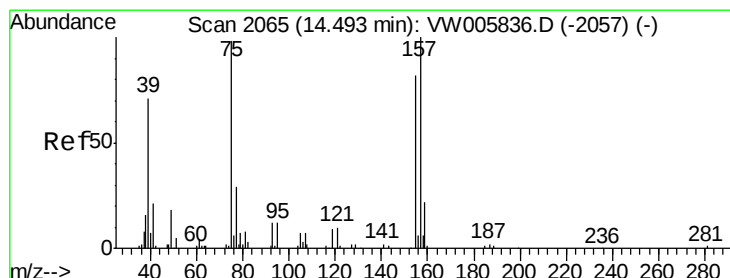
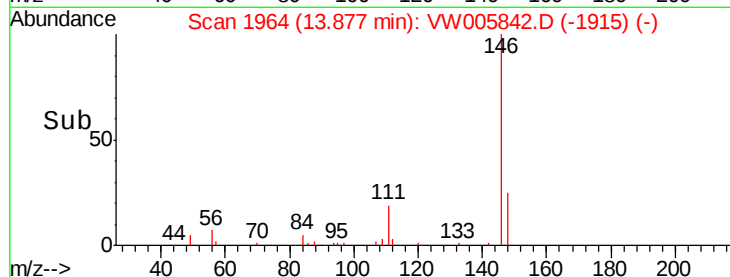
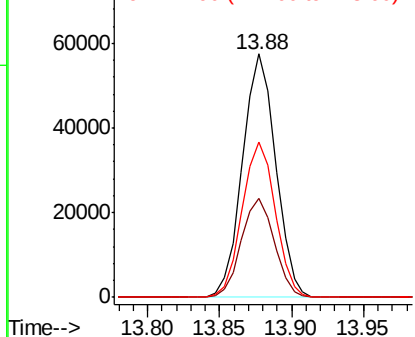


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.013 ug/l

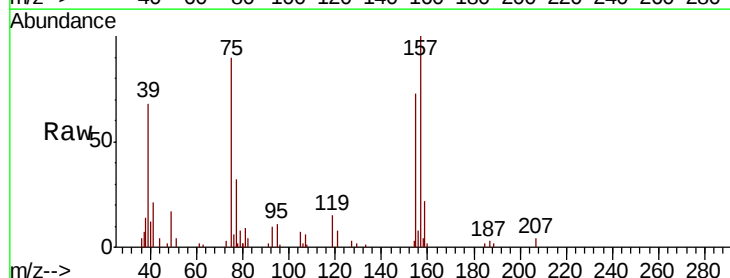
RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion:	75	Resp:	6478
Ion Ratio	Lower	Upper	
75	100		
155	80.0	41.3	123.9
157	102.1	51.9	155.7

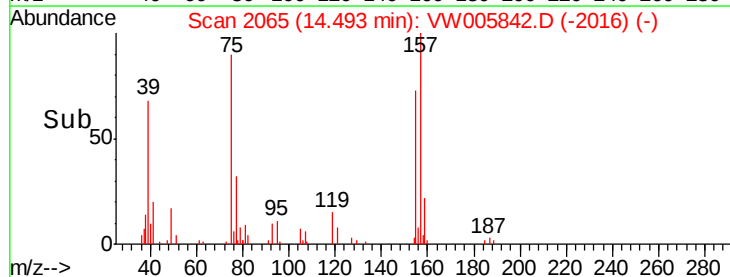
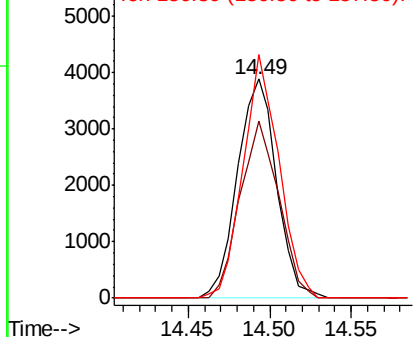


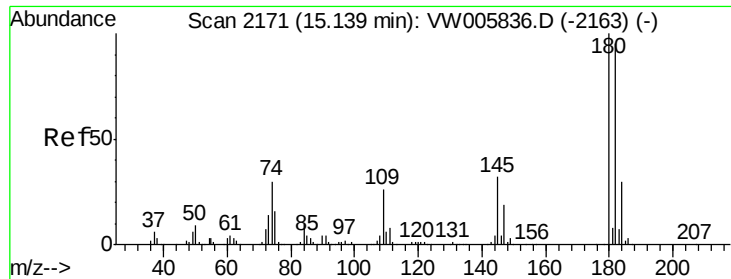
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





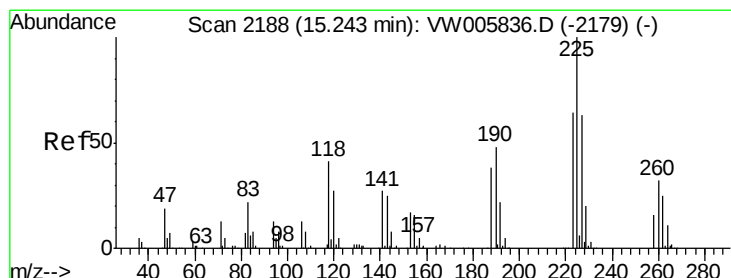
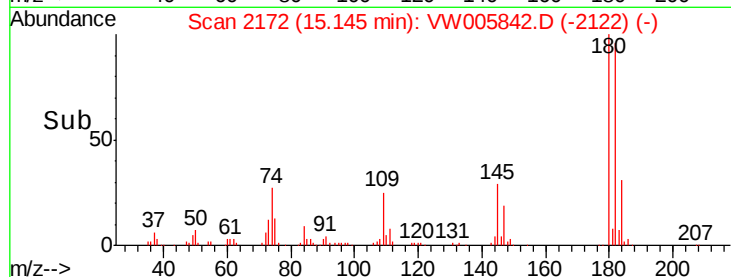
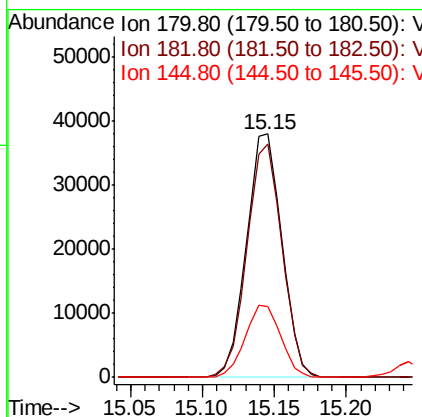
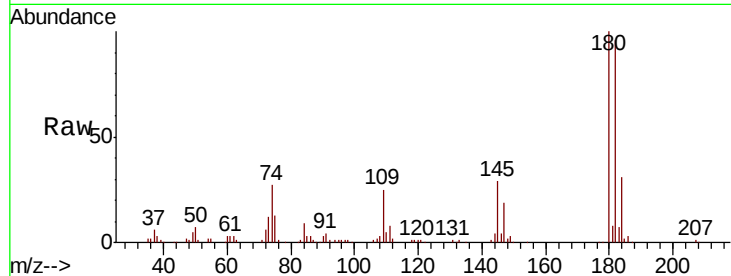
#93
1,2,4-Trichlorobenzene
Concen: 20.030 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.6	142.8
145	29.9	15.0	45.0

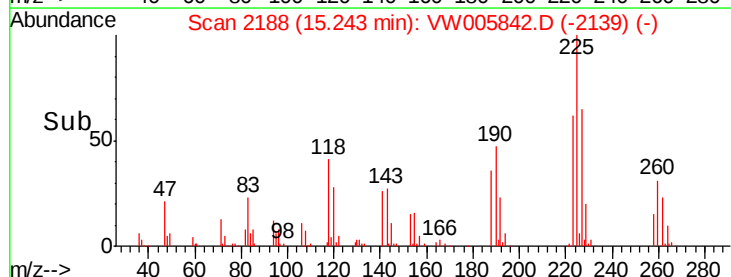
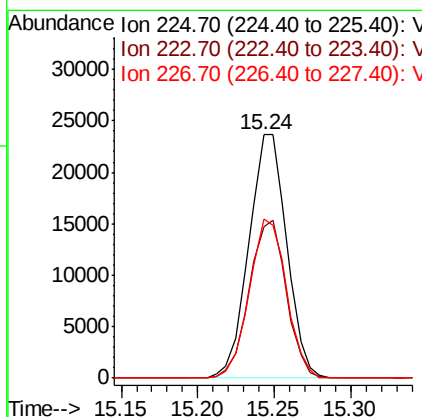
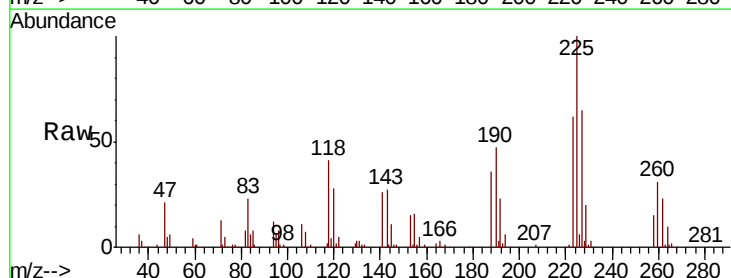
Manual Integrations
APPROVED

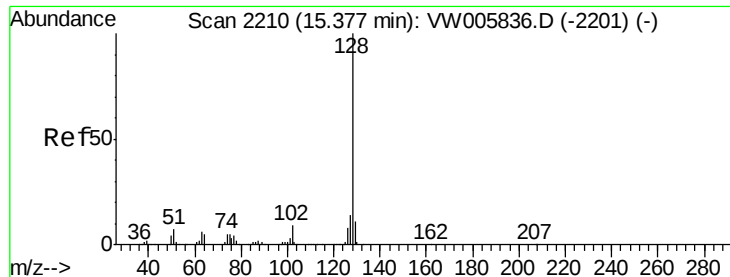
apatel
10/4/2018 2:48:10 PM



#94
Hexachlorobutadiene
Concen: 20.105 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.2	93.6
227	63.8	31.7	95.1





#95

Naphthalene

Concen: 18.574 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

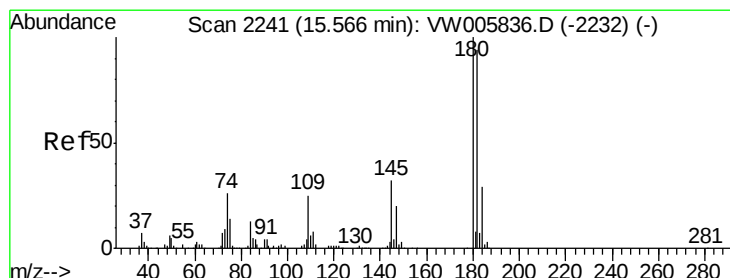
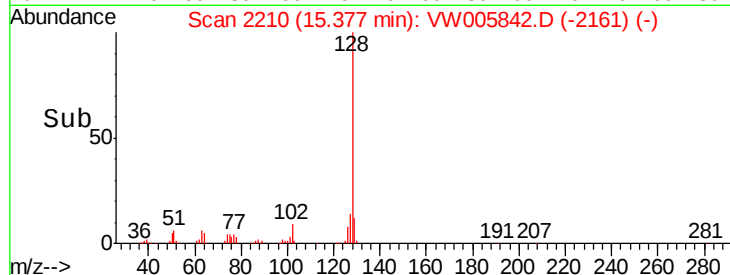
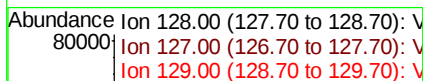
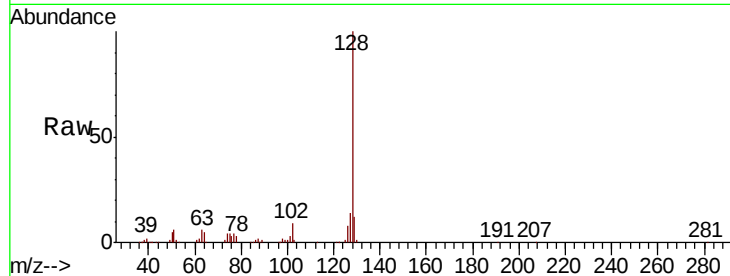
ClientSampleId :

VW1004SBS01

Tot Ion:	128	Resp:	104859
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.9	16.3
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
10/4/2018 2:48:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.677 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion:	180	Resp:	56866
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.3	142.0
145	33.4	16.1	48.2

