

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006656.D
 Acq On : 06 Nov 2018 01:35
 Operator : SY/AP
 Sample : VW1105SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1105SBS02

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:16:13 AM

Quant Time: Nov 06 03:39:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105257	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	
35) Dibromofluoromethane	7.88	113	110057	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.33	98	410165	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.62	95	150222	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24628	22.199	ug/l	92
3) Chloromethane	2.21	50	30419	22.161	ug/l	97
4) Vinyl Chloride	2.37	62	40912	21.346	ug/l	98
5) Bromomethane	2.79	94	38000	23.624	ug/l	95
6) Chloroethane	2.93	64	30709	22.931	ug/l	96
7) Trichlorofluoromethane	3.26	101	34994	20.676	ug/l	97
8) Diethyl Ether	3.68	74	21955	23.730	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	38966	21.560	ug/l	97
10) Methyl Iodide	4.26	142	69261	21.135	ug/l	100
11) Tert butyl alcohol	5.23	59	11220	113.200	ug/l	98
12) 1,1-Dichloroethene	4.03	96	35865	20.546	ug/l	97
13) Acrolein	3.90	56	11247	90.221	ug/l	97
14) Allyl chloride	4.66	41	48257	21.178	ug/l	99
15) Acrylonitrile	5.38	53	39011	117.595	ug/l	98
16) Acetone	4.15	43	36338	122.349	ug/l	96
17) Carbon Disulfide	4.38	76	104112	20.959	ug/l	99
18) Methyl Acetate	4.68	43	20000	23.418	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	58260	22.422	ug/l	97
20) Methylene Chloride	4.92	84	48366	21.754	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	43123	21.832	ug/l	98
22) Diisopropyl ether	6.31	45	109761	23.106	ug/l	97
23) Vinyl Acetate	6.26	43	304555	115.613	ug/l	99
24) 1,1-Dichloroethane	6.21	63	72643	22.564	ug/l	100
25) 2-Butanone	7.18	43	50174	118.388	ug/l	96
26) 2,2-Dichloropropane	7.17	77	40832	21.054	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	49101	22.219	ug/l	99
28) Bromochloromethane	7.51	49	29803	23.313	ug/l	97
29) Tetrahydrofuran	7.54	42	31182	116.976	ug/l	99
30) Chloroform	7.68	83	80629	22.843	ug/l	99
31) Cyclohexane	7.96	56	58164	19.850	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	64911	21.733	ug/l	99
36) 1,1-Dichloropropene	8.08	75	57509	20.664	ug/l	100
37) Ethyl Acetate	7.26	43	23670	24.543	ug/l	99
38) Carbon Tetrachloride	8.07	117	59969	20.622	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69276	19.616	ug/l	97
40) Benzene	8.32	78	174100	22.025	ug/l	99
41) Methacrylonitrile	7.49	41	12306	20.809	ug/l	93
42) 1,2-Dichloroethane	8.40	62	51731	22.820	ug/l	98
43) Isopropyl Acetate	8.43	43	43729	22.722	ug/l	99
44) Trichloroethene	9.09	130	51556	21.136	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41885	22.769	ug/l	98
46) Dibromomethane	9.46	93	24940	23.063	ug/l	100
47) Bromodichloromethane	9.65	83	57646	22.959	ug/l	97
48) Methyl methacrylate	9.44	41	20566	22.180	ug/l	95
49) 1,4-Dioxane	9.48	88	7516	474.924	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	114171	115.512	ug/l	99
52) Toluene	10.39	92	115359	21.758	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54358	22.495	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62536	21.900	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35720	23.281	ug/l	98
56) Ethyl methacrylate	10.65	69	38736	22.212	ug/l	94
57) 1,3-Dichloropropane	10.93	76	56814	22.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94811	111.842	ug/l	100
59) 2-Hexanone	10.98	43	79829	118.916	ug/l	97
60) Dibromochloromethane	11.13	129	41910	23.054	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35427	23.251	ug/l	100
64) Tetrachloroethene	10.87	164	49921	20.270	ug/l	99
65) Chlorobenzene	11.66	112	137930	21.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	48899	21.399	ug/l	98
67) Ethyl Benzene	11.73	91	221308	20.366	ug/l	98
68) m/p-Xylenes	11.84	106	179643	41.378	ug/l	100
69) o-Xylene	12.17	106	85246	20.625	ug/l	99
70) Styrene	12.18	104	143205	21.252	ug/l	100
71) Bromoform	12.35	173	27208	22.462	ug/l #	100
73) Isopropylbenzene	12.47	105	228886	19.412	ug/l	100
74) N-amyl acetate	12.28	43	42194	20.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41273	22.163	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30821m	22.070	ug/l	
77) Bromobenzene	12.75	156	63833	20.910	ug/l	99
78) n-propylbenzene	12.81	91	270408	19.939	ug/l	100
79) 2-Chlorotoluene	12.90	91	158250	20.332	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	201918	20.384	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10397	20.915	ug/l	99
82) 4-Chlorotoluene	12.99	91	169403	20.573	ug/l	100
83) tert-Butylbenzene	13.21	119	174550	19.760	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	207019	20.375	ug/l	100
85) sec-Butylbenzene	13.39	105	245414	19.836	ug/l	100
86) p-Isopropyltoluene	13.51	119	222599	19.773	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125480	20.871	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126912	21.296	ug/l	99
89) n-Butylbenzene	13.83	91	197525	19.766	ug/l	99
90) Hexachloroethane	14.10	117	38336	20.720	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	114762	21.221	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6504	21.524	ug/l	98

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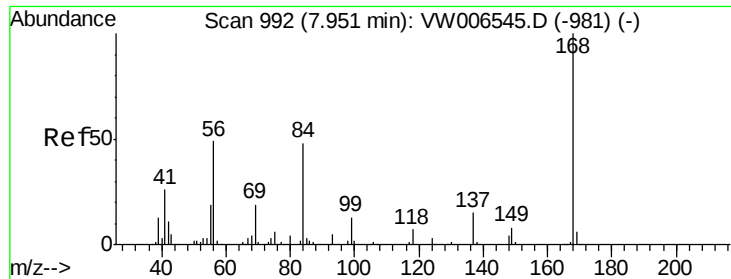
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83409	20.742	ug/l	99
94) Hexachlorobutadiene	15.24	225	50360	20.094	ug/l	100
95) Naphthalene	15.38	128	134313	20.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74656	21.124	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

Tot Ion:168 Resp: 214008

Ion Ratio Lower Upper

168 100

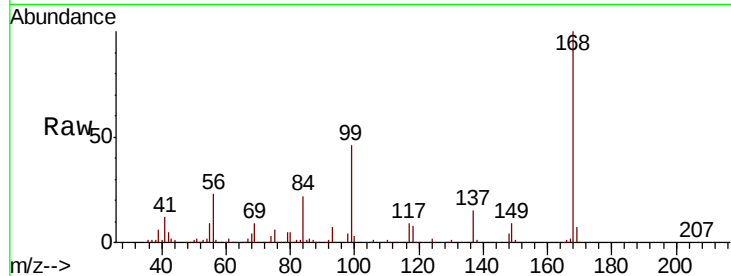
99 46.3 37.4 56.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

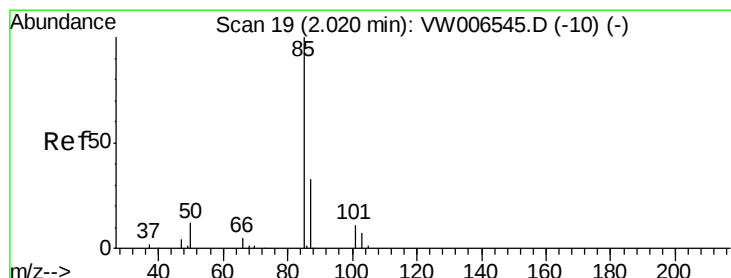
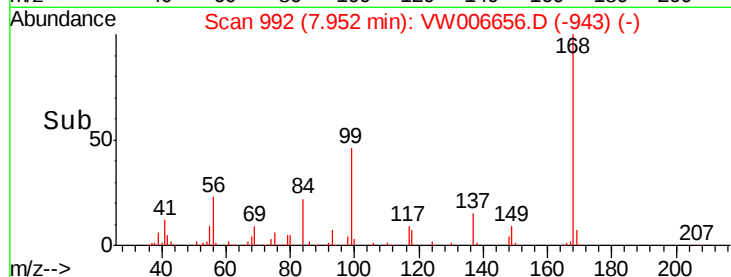
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.199 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006656.D

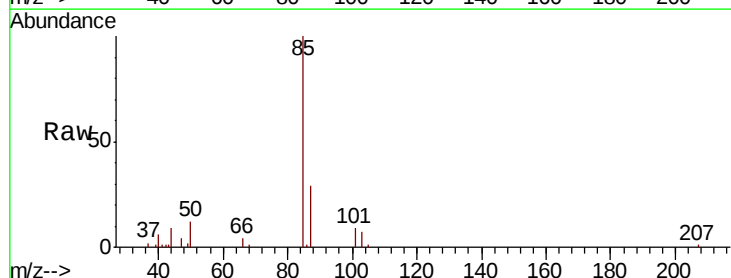
Acq: 06 Nov 2018 01:35

Tgt Ion: 85 Resp: 24628

Ion Ratio Lower Upper

85 100

87 28.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

4000

2000

0

1.90

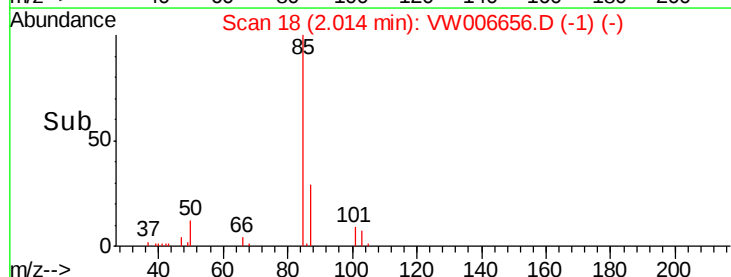
2.00

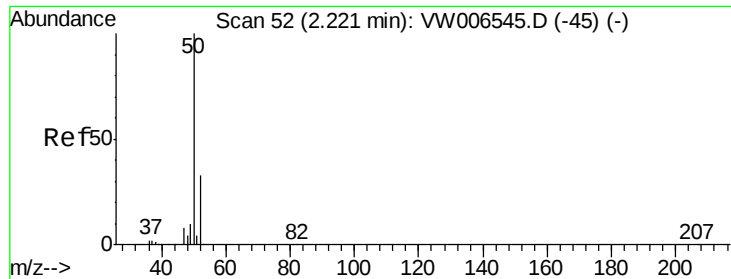
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 22.161 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

Tot Ion: 50 Resp: 30419

Ion Ratio Lower Upper

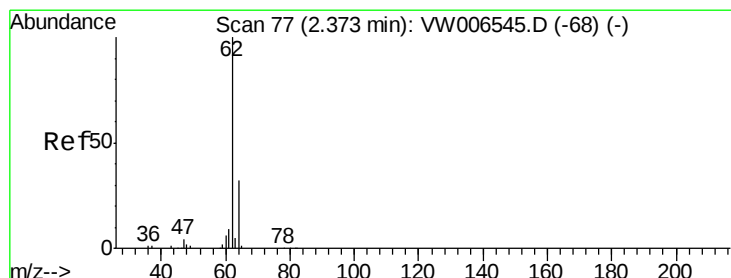
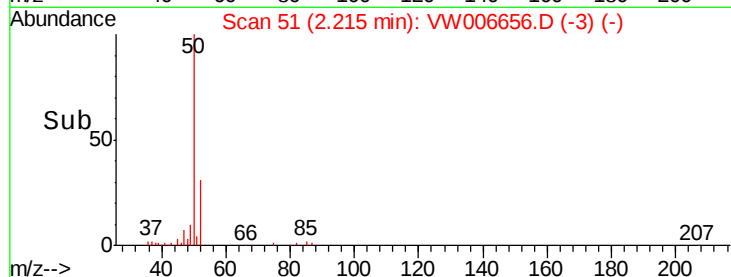
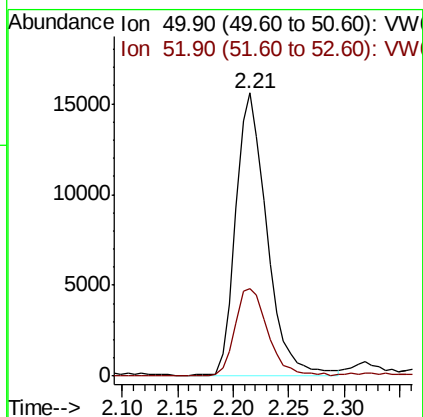
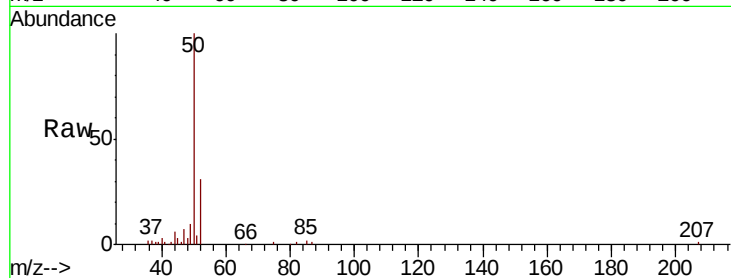
50 100

52 31.0 26.2 39.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.346 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006656.D

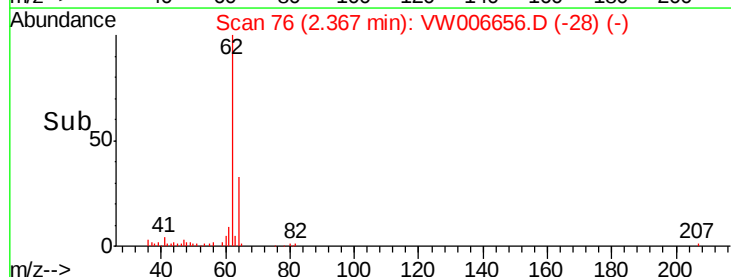
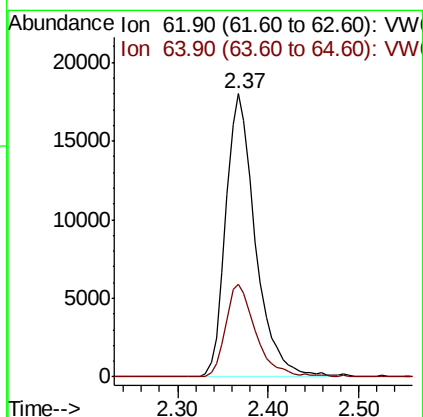
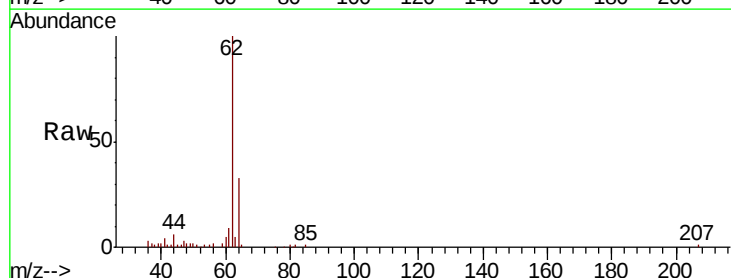
Acq: 06 Nov 2018 01:35

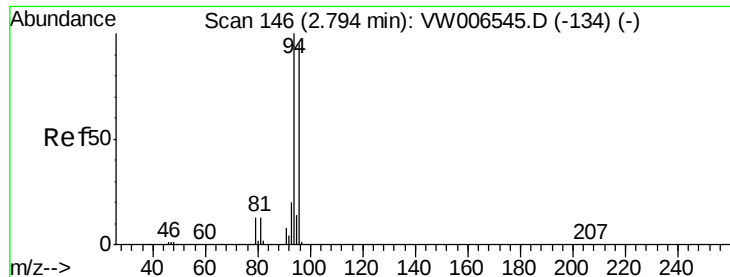
Tgt Ion: 62 Resp: 40912

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





#5

Bromomethane

Concen: 23.624 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

Tot Ion: 94 Resp: 38000

Ion Ratio Lower Upper

94 100

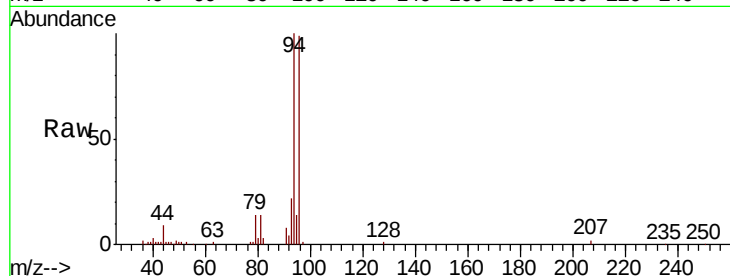
96 99.3 75.7 113.5

Manual Integrations

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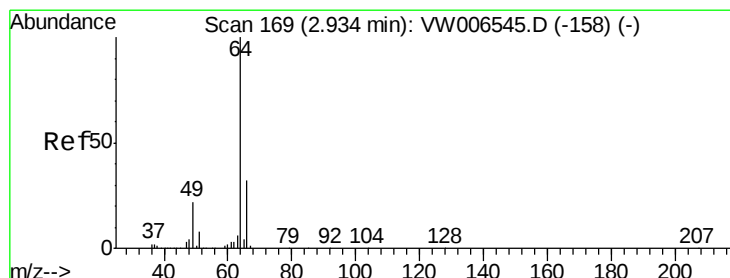
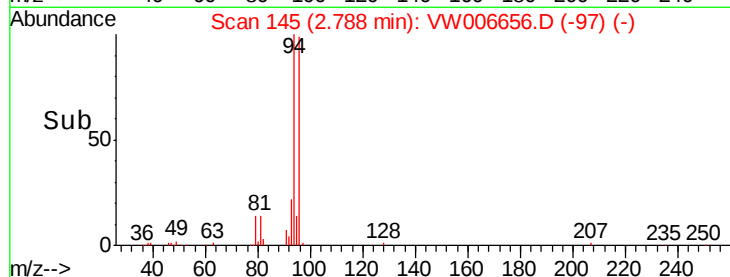
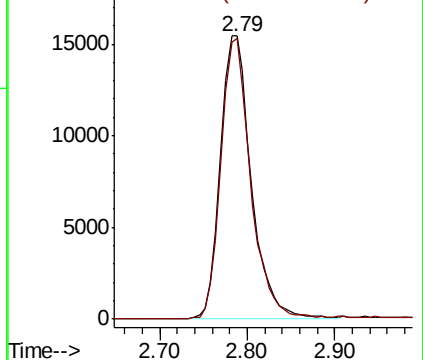
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.931 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006656.D

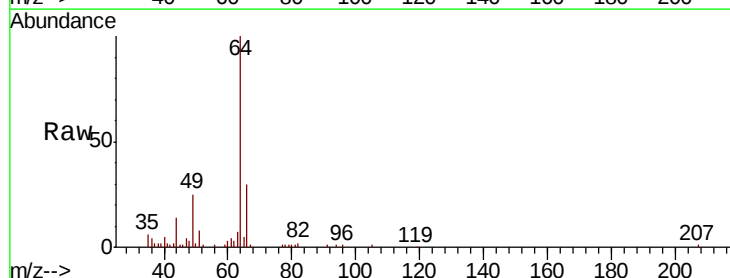
Acq: 06 Nov 2018 01:35

Tgt Ion: 64 Resp: 30709

Ion Ratio Lower Upper

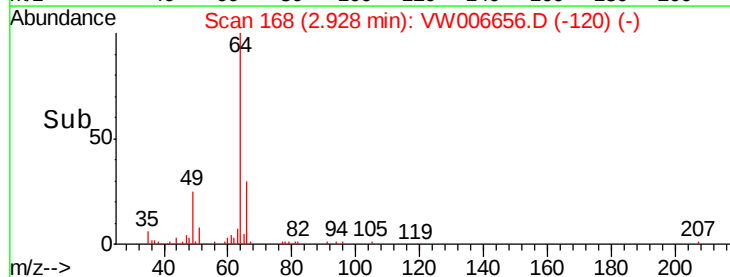
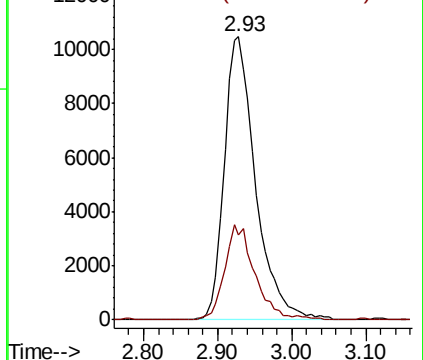
64 100

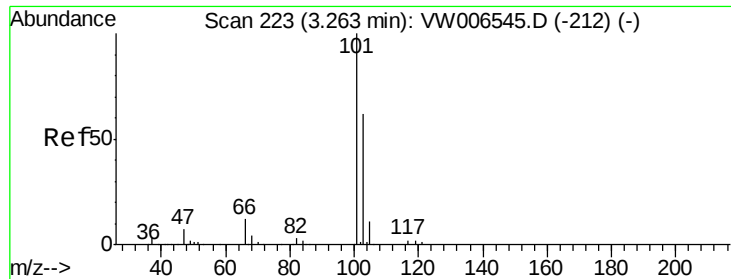
66 30.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

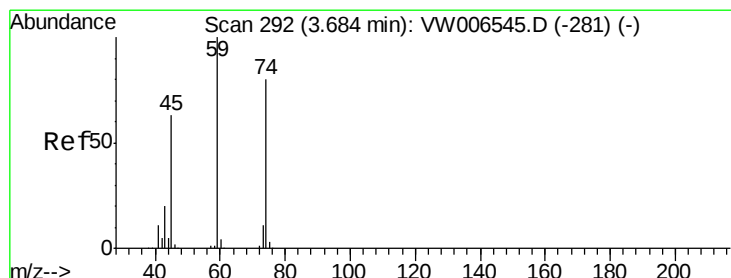
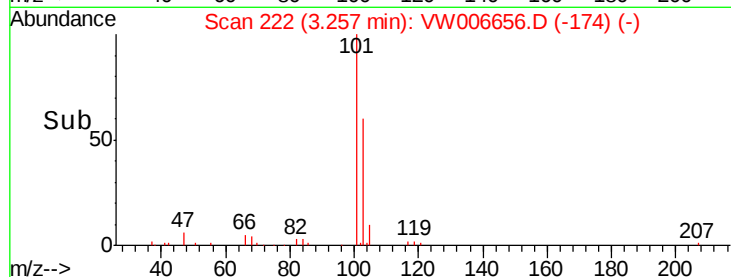
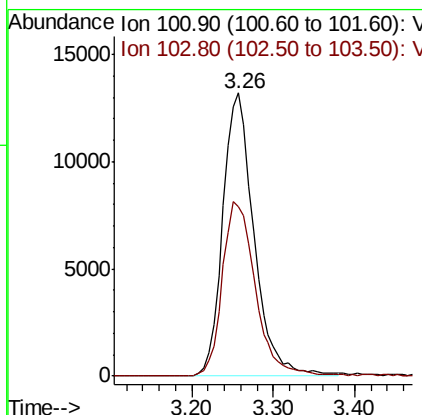
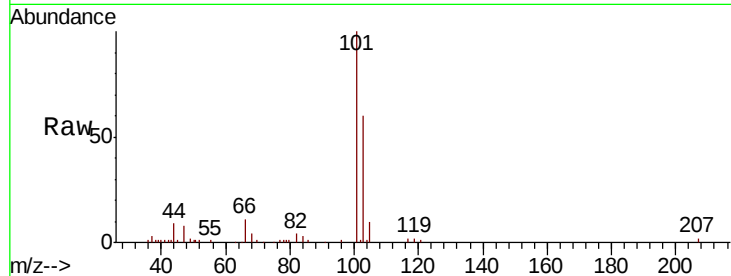
Trichlorofluoromethane
 Concen: 20.676 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006656.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	49.8	74.8

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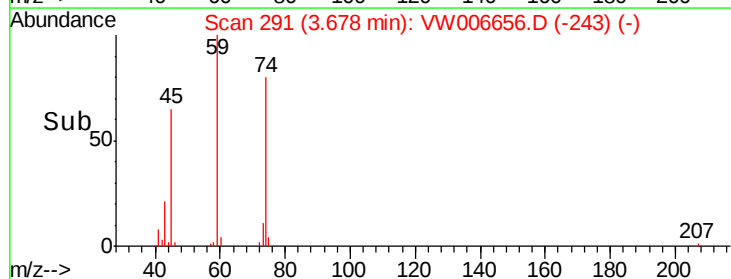
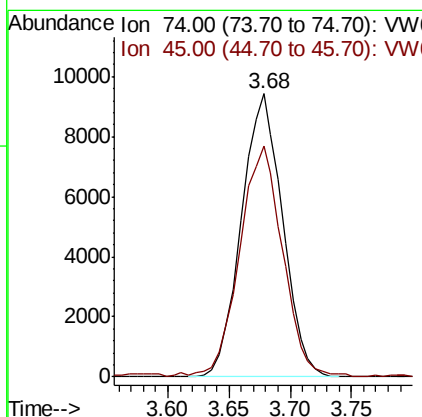
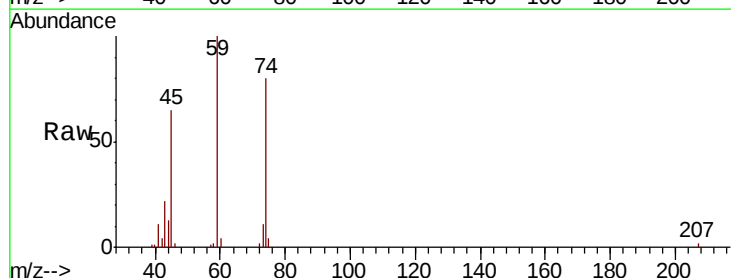
apatel
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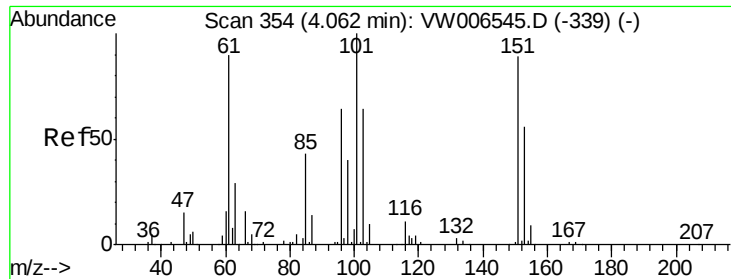


#8

Diethyl Ether
 Concen: 23.730 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.0	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.560 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW006656.D

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Instrument :

MSVOA_W

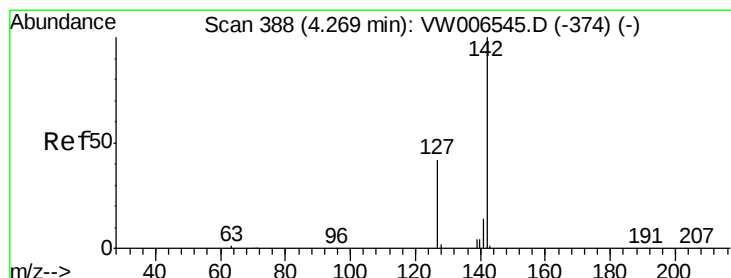
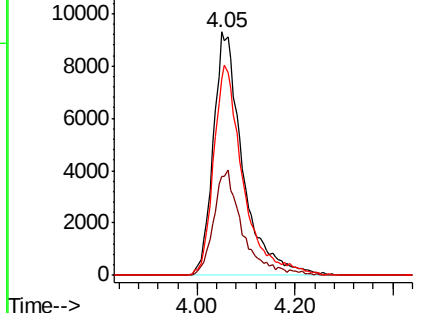
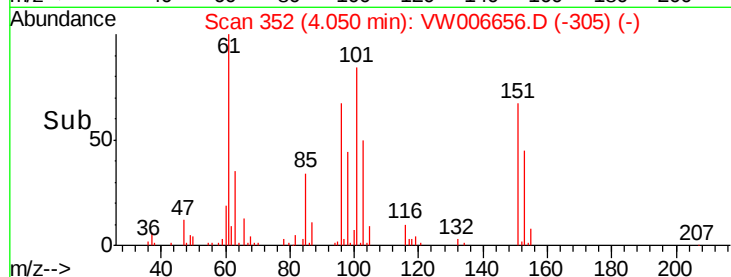
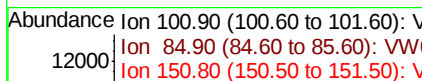
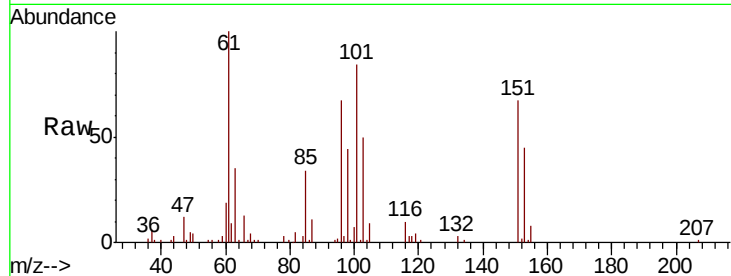
ClientSampleId :

VW1105SBS02

Tot Ion:	101	Resp:	38966
Ion Ratio	Lower	Upper	
101	100		
85	41.0	34.2	51.2
151	86.1	70.7	106.1

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#10

Methyl Iodide

Concen: 21.135 ug/l

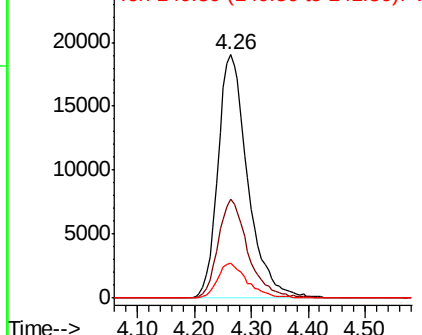
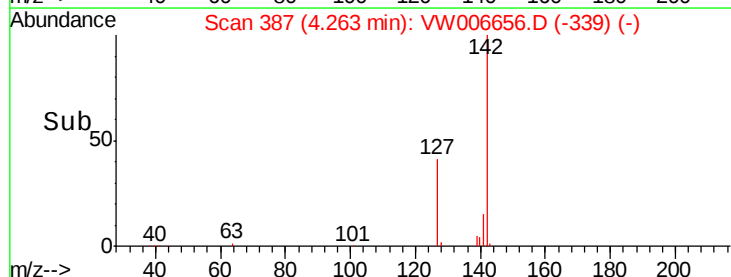
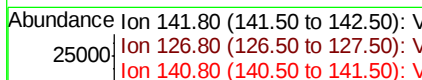
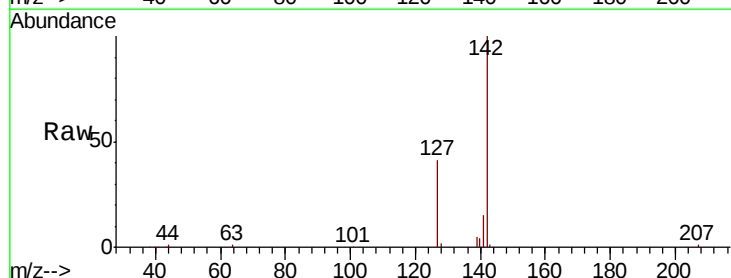
RT: 4.26 min Scan# 387

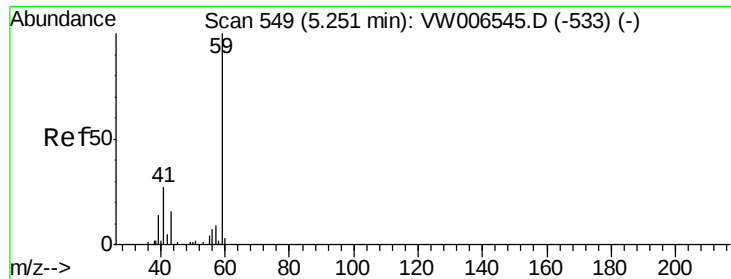
Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion:	142	Resp:	69261
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.3	48.5
141	14.3	11.3	16.9





#11

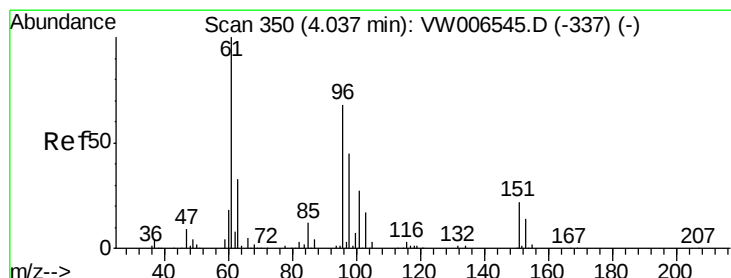
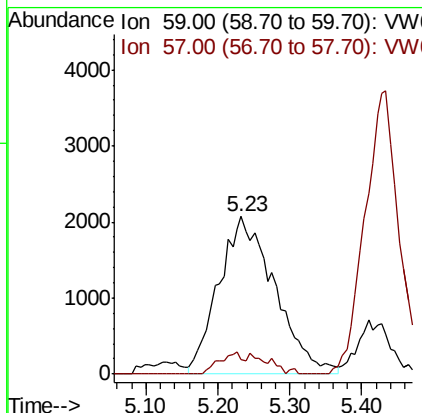
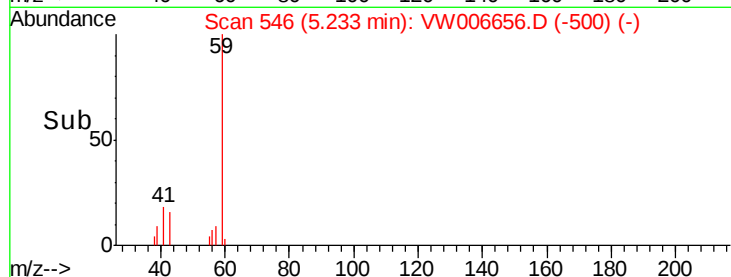
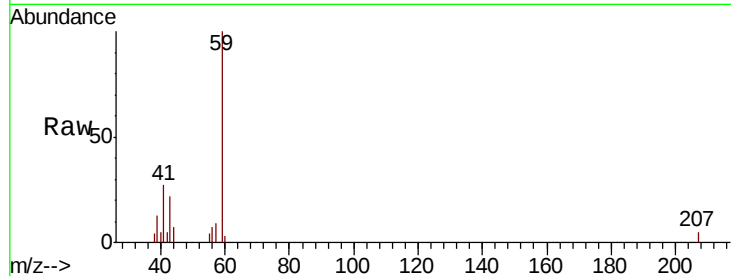
Tert butyl alcohol
Concen: 113.200 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.9	4.3	6.5

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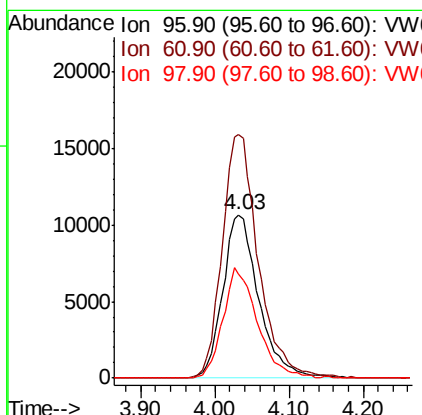
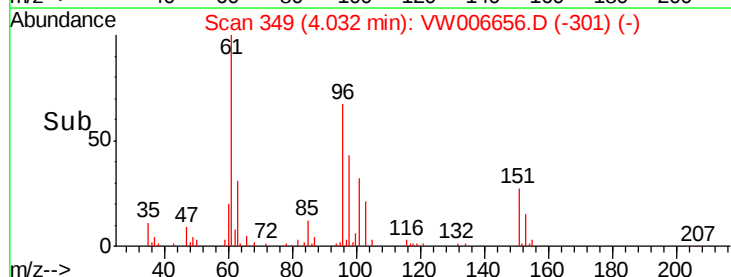
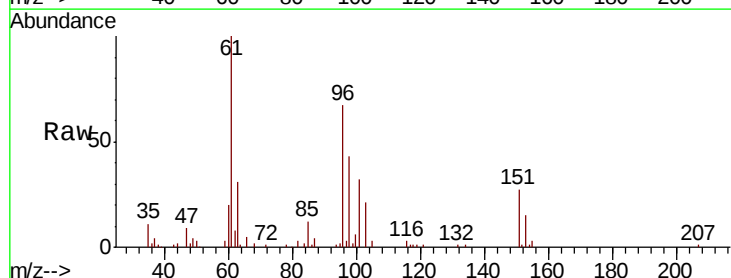
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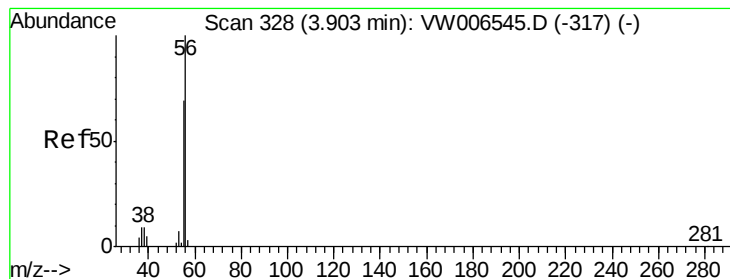


#12

1,1-Dichloroethene
Concen: 20.546 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	117.0	175.4
98	63.4	52.5	78.7





#13

Acrolein

Concen: 90.221 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

Tot Ion: 56 Resp: 11247

Ion Ratio Lower Upper

56 100

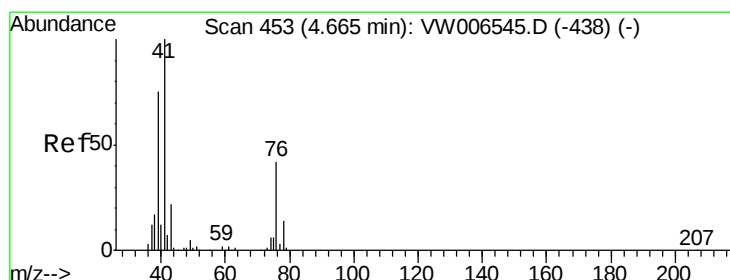
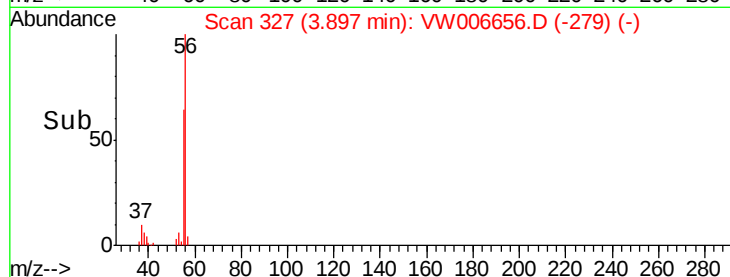
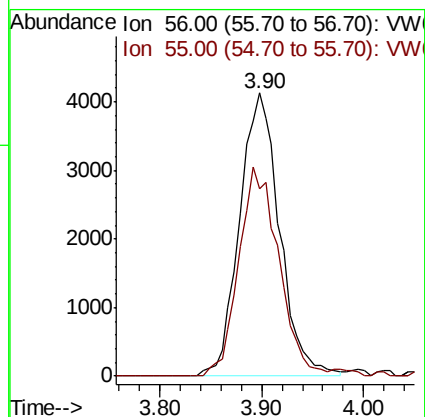
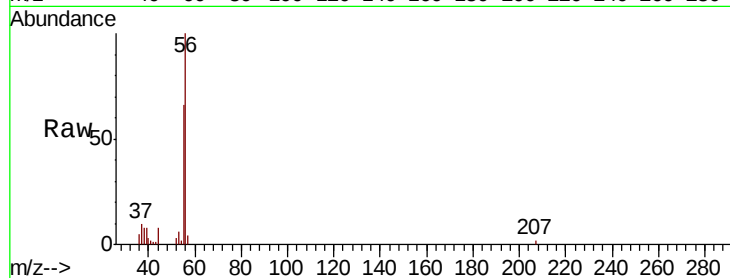
55 73.6 56.9 85.3

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#14

Allyl chloride

Concen: 21.178 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

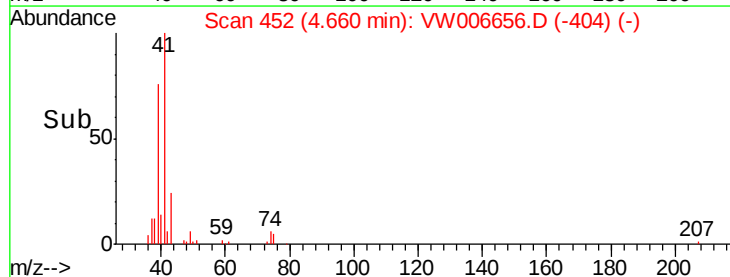
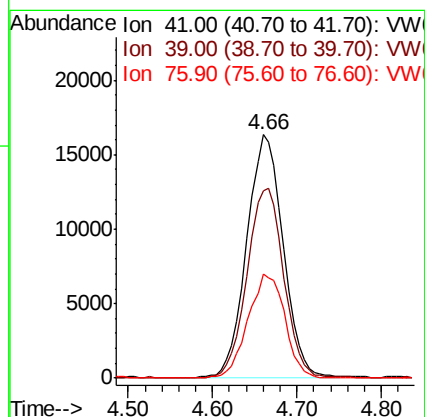
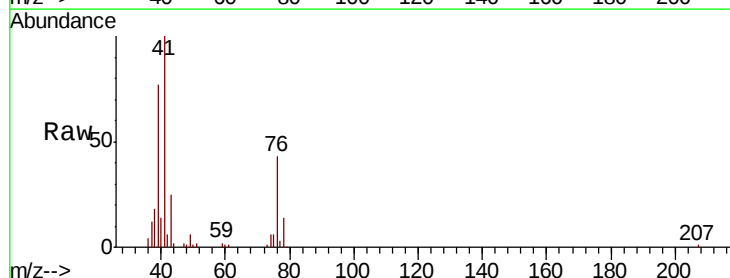
Tgt Ion: 41 Resp: 48257

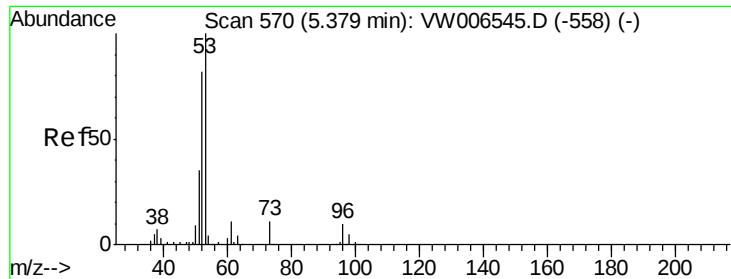
Ion Ratio Lower Upper

41 100

39 78.3 62.1 93.1

76 43.1 34.2 51.2





#15

Acrylonitrile

Concen: 117.595 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

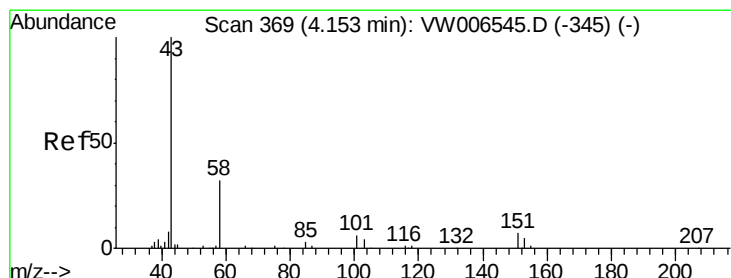
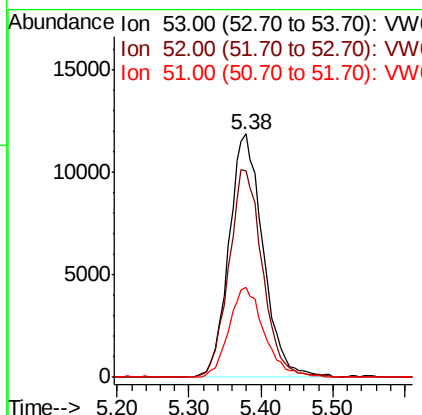
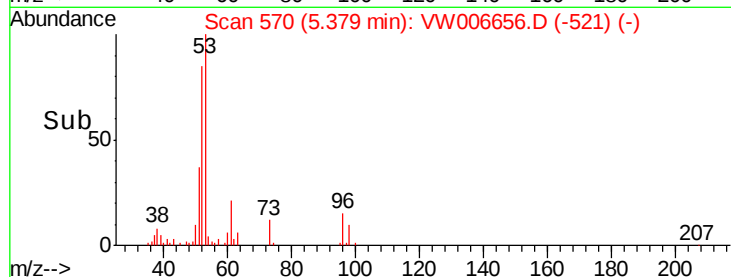
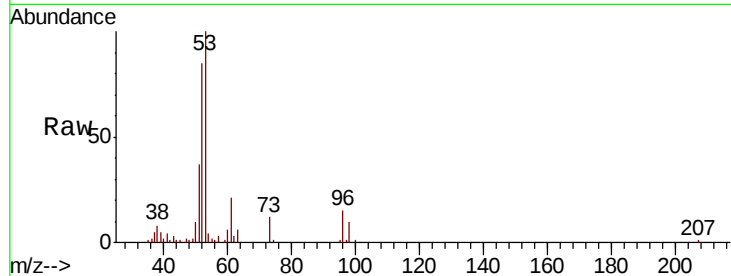
ClientSampleId :

VW1105SBS02

Tot Ion:	53	Resp:	39011
Ion Ratio	Lower	Upper	
53	100		
52	83.9	65.8	98.8
51	38.1	29.6	44.4

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#16

Acetone

Concen: 122.349 ug/l

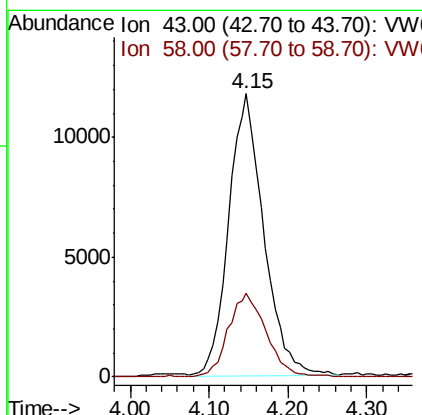
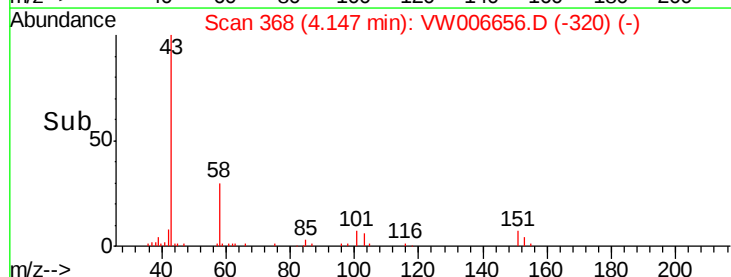
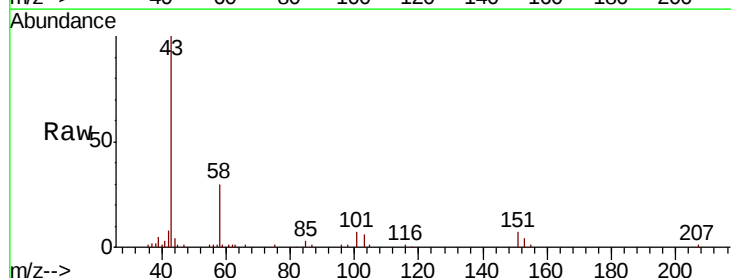
RT: 4.15 min Scan# 368

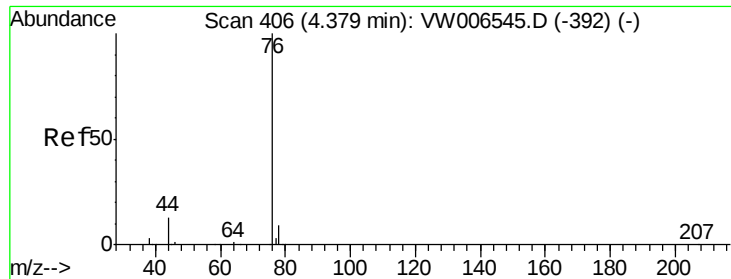
Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion:	43	Resp:	36338
Ion Ratio	Lower	Upper	
43	100		
58	30.0	25.8	38.8





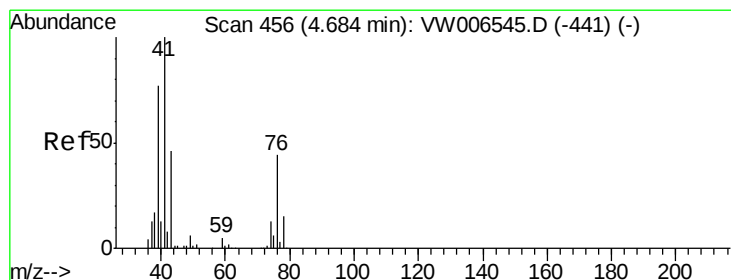
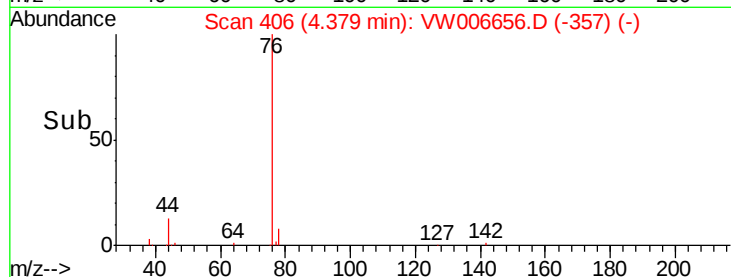
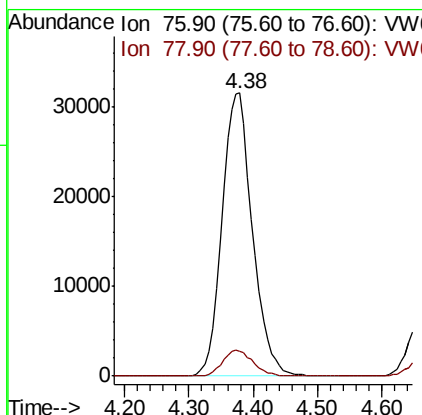
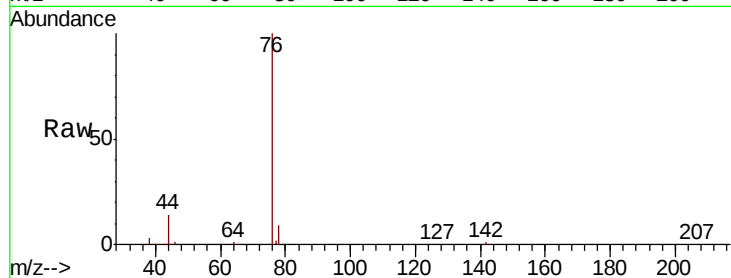
#17
Carbon Disulfide
Concen: 20.959 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

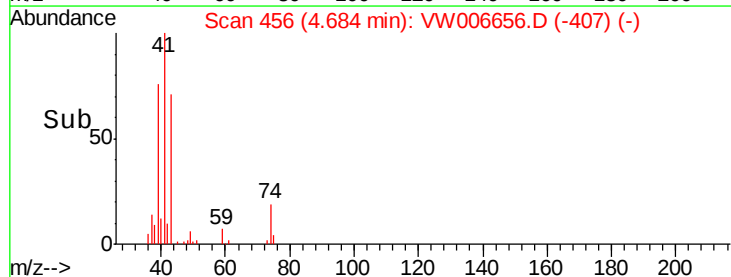
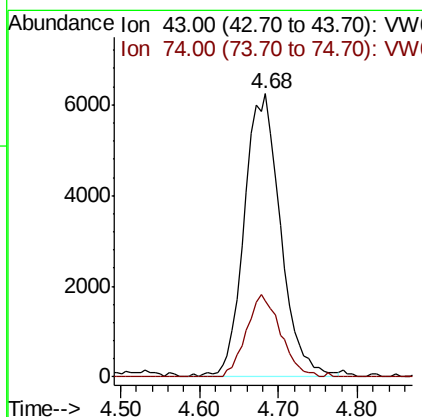
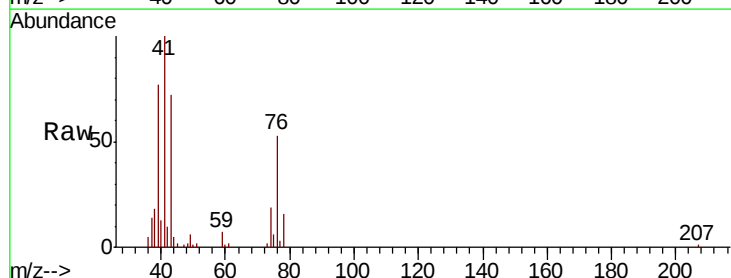
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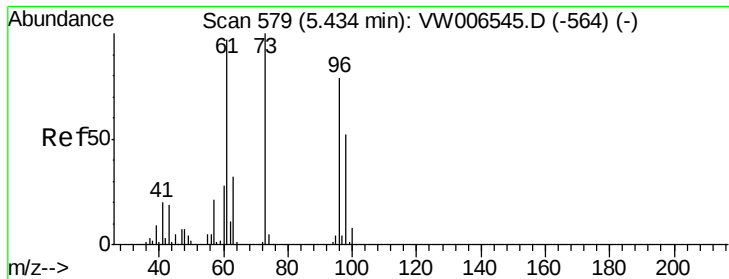
apatel
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#18
Methyl Acetate
Concen: 23.418 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.9	32.9





#19

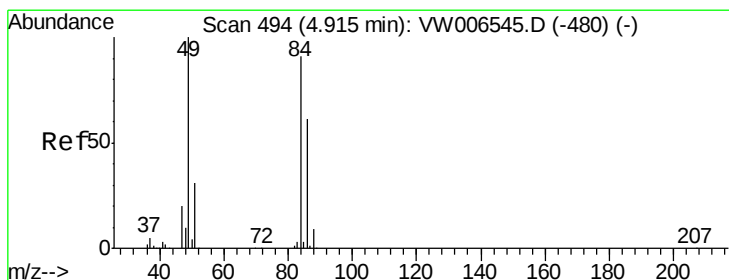
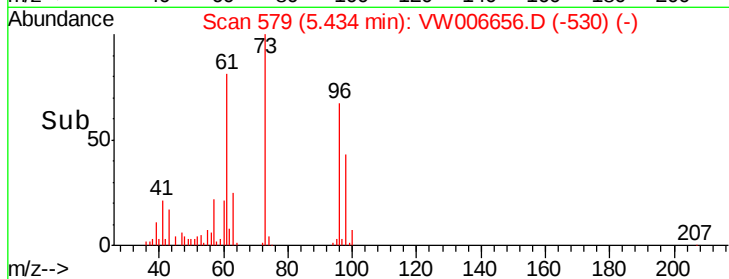
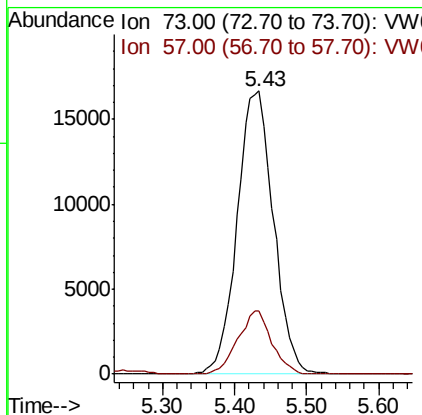
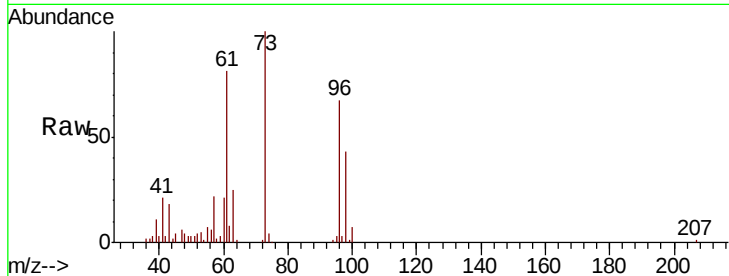
Methyl tert-butyl Ether
 Concen: 22.422 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	16.7	25.1

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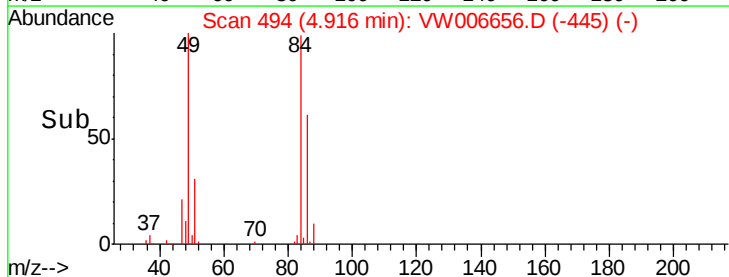
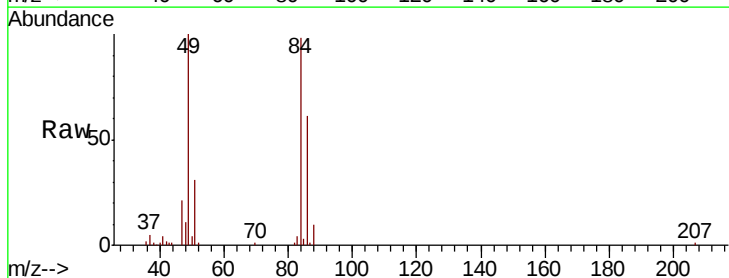
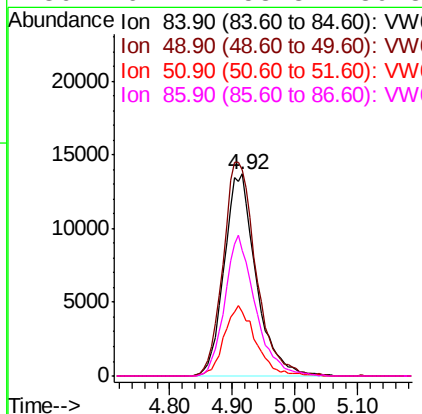
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#20

Methylene Chloride
 Concen: 21.754 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.1	88.2	132.4
51	31.6	27.0	40.6
86	62.2	53.8	80.8





#21

trans-1,2-Dichloroethene

Concen: 21.832 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

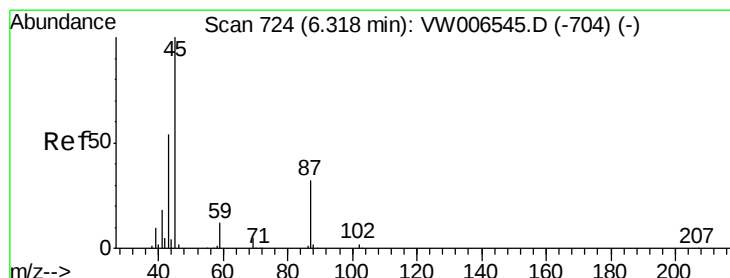
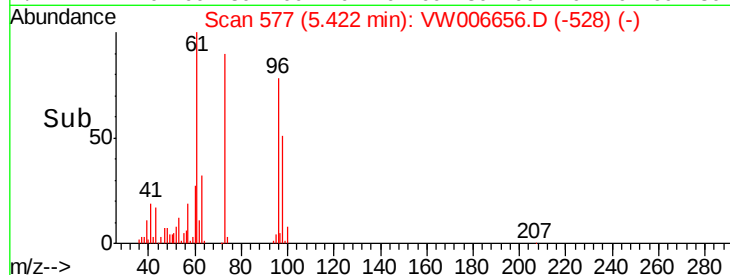
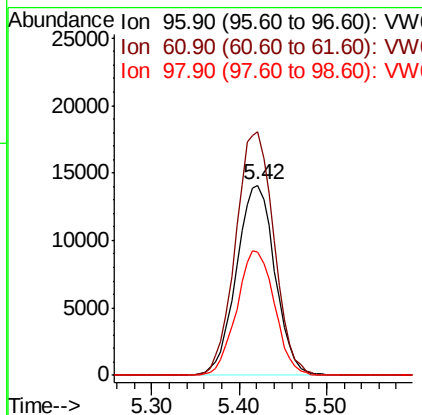
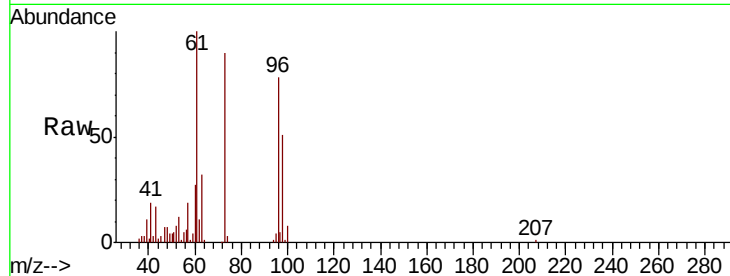
ClientSampleId :

VW1105SBS02

Tot Ion:	96	Resp:	43123
Ion	Ratio	Lower	Upper
96	100		
61	128.2	100.6	150.8
98	65.2	52.9	79.3

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#22

Diisopropyl ether

Concen: 23.106 ug/l

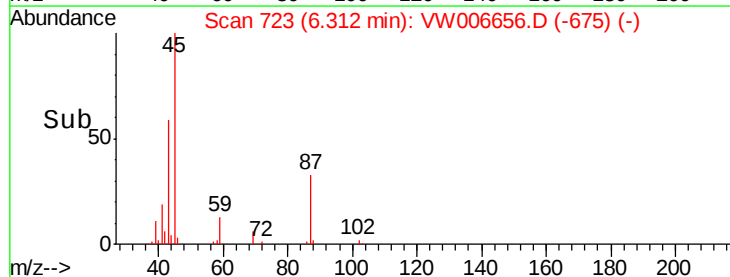
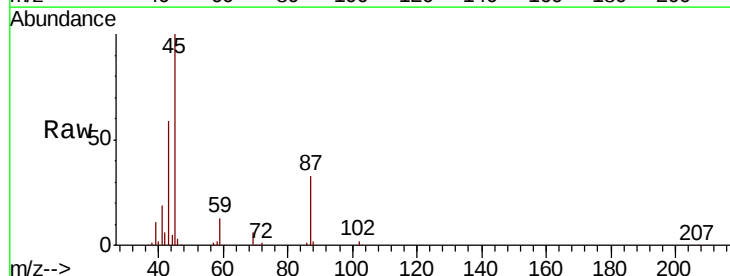
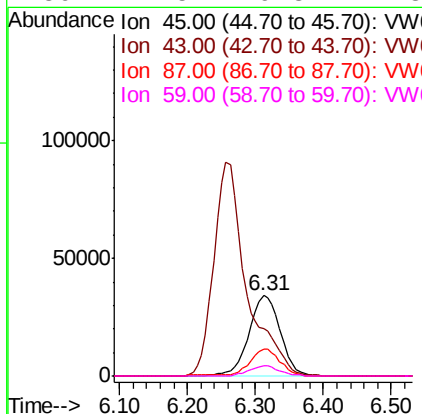
RT: 6.31 min Scan# 723

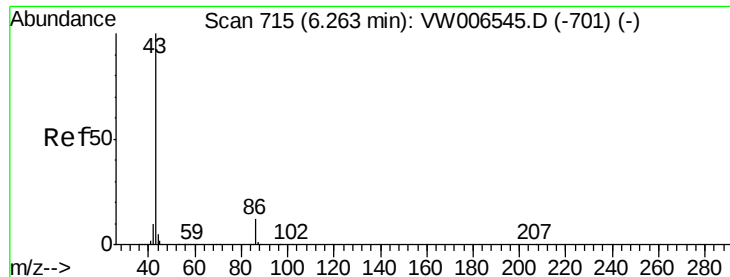
Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion:	45	Resp:	109761
Ion	Ratio	Lower	Upper
45	100		
43	58.1	43.6	65.4
87	33.1	26.3	39.5
59	12.5	9.8	14.8





#23

Vinyl Acetate

Concen: 115.613 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleID :

VW1105SBS02

Tot Ion: 43 Resp: 304555

Ion Ratio Lower Upper

43 100

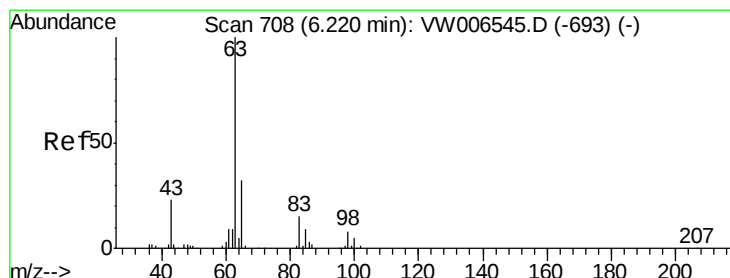
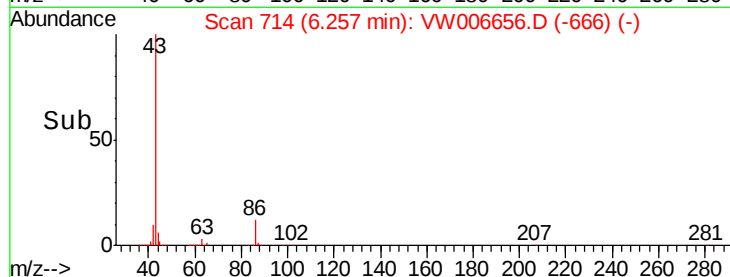
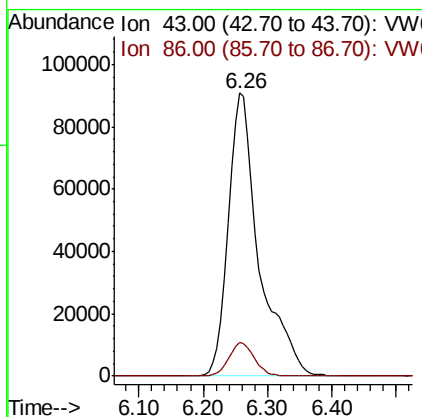
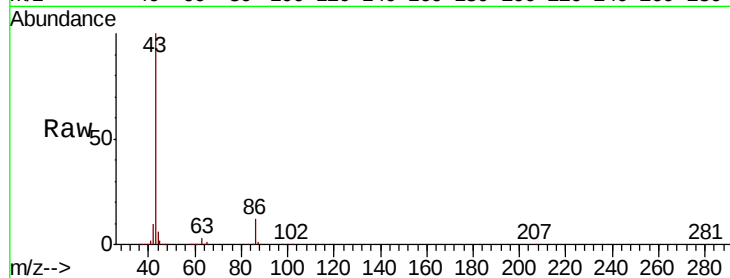
86 11.8 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 22.564 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

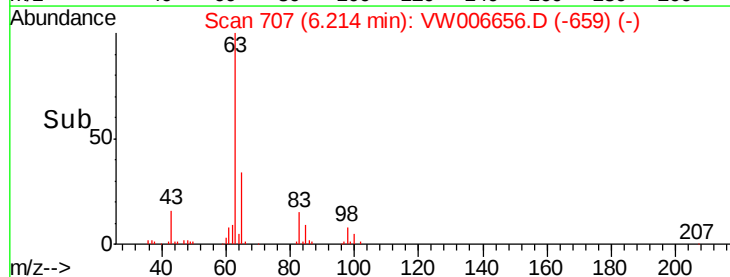
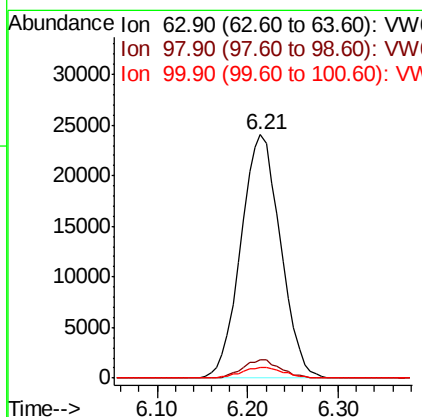
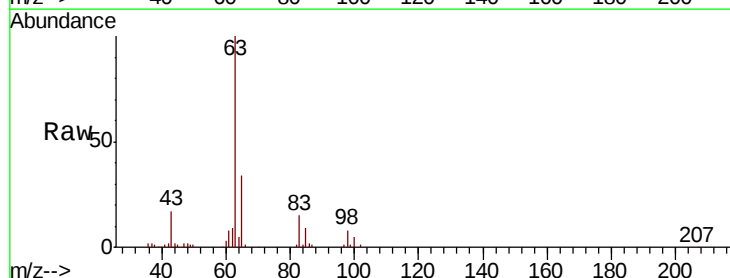
Tgt Ion: 63 Resp: 72643

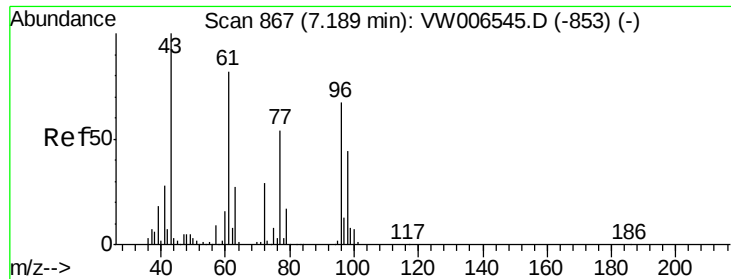
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 118.388 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 43 Resp: 50174

Ion Ratio Lower Upper

43 100

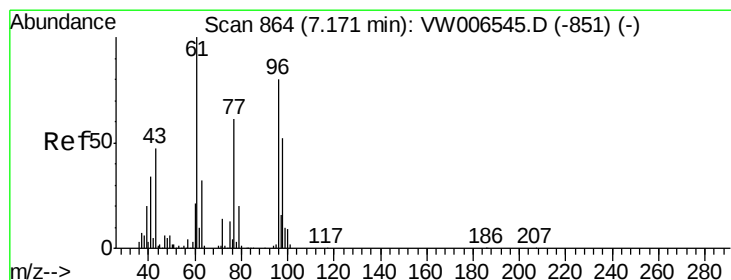
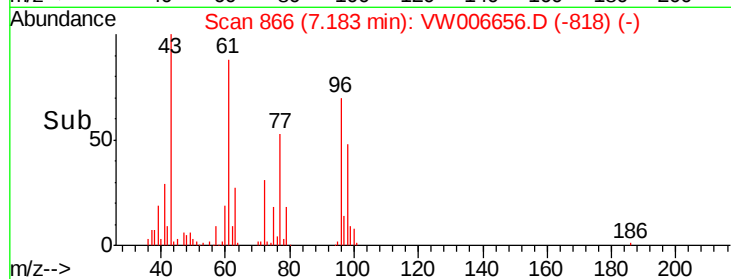
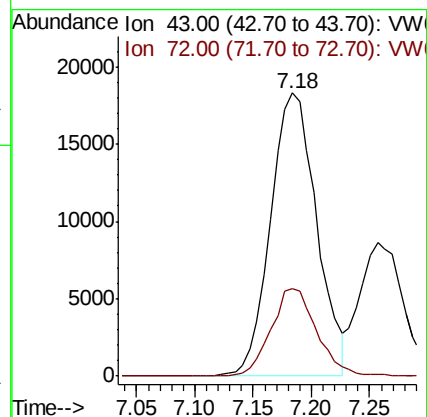
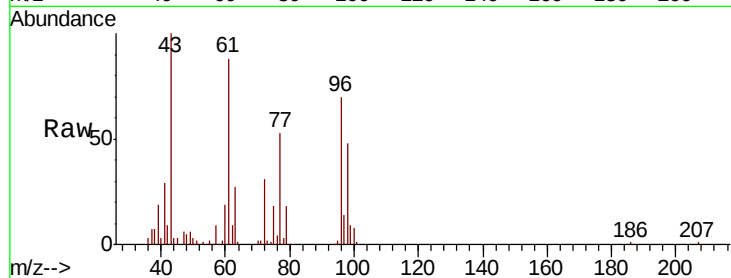
72 30.9 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.054 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006656.D

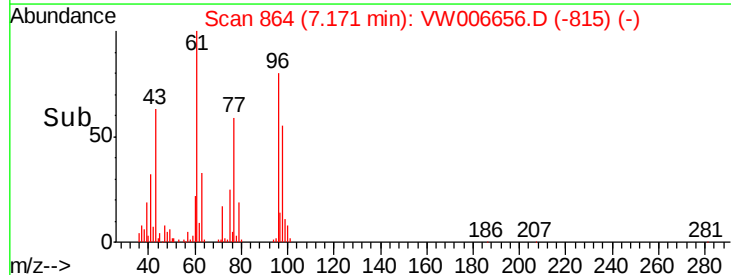
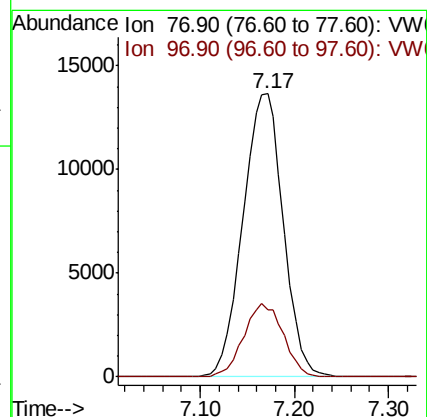
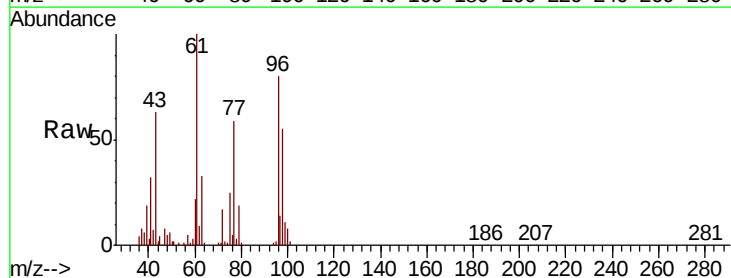
Acq: 06 Nov 2018 01:35

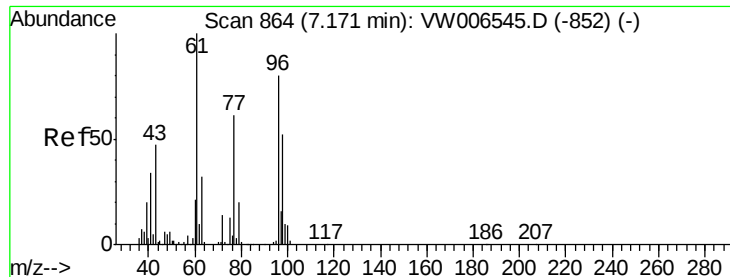
Tgt Ion: 77 Resp: 40832

Ion Ratio Lower Upper

77 100

97 25.4 12.8 38.4





#27

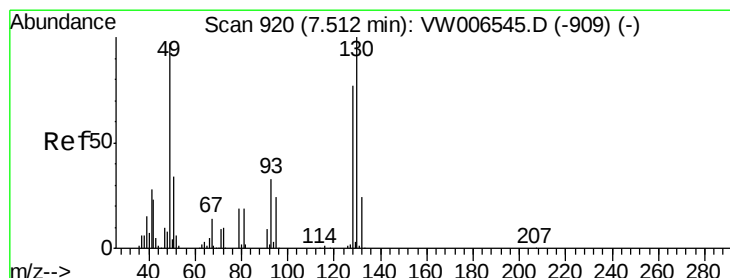
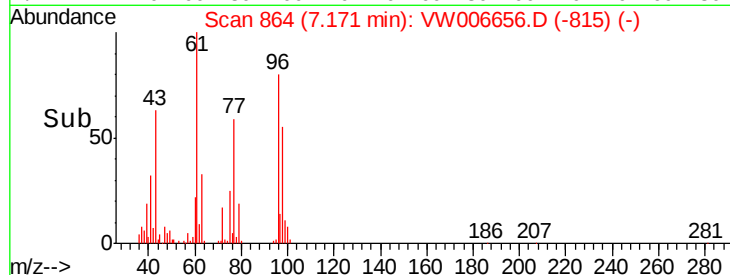
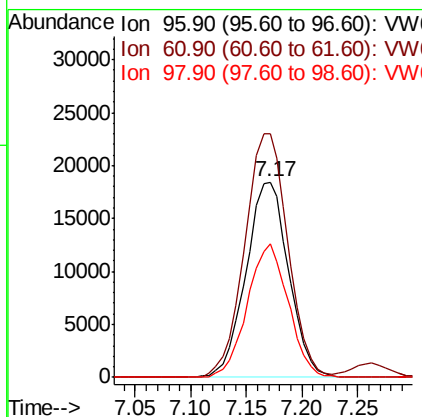
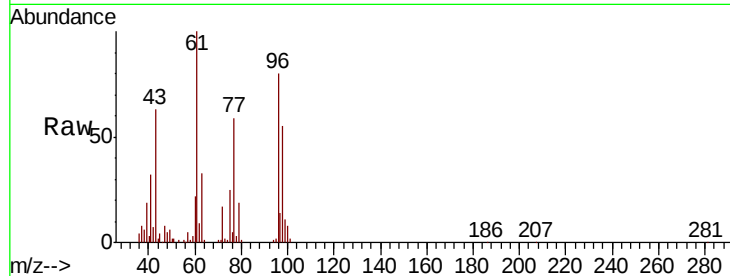
cis-1,2-Dichloroethene
 Concen: 22.219 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	254.2
98	65.2	0.0	129.6

Manual Integrations
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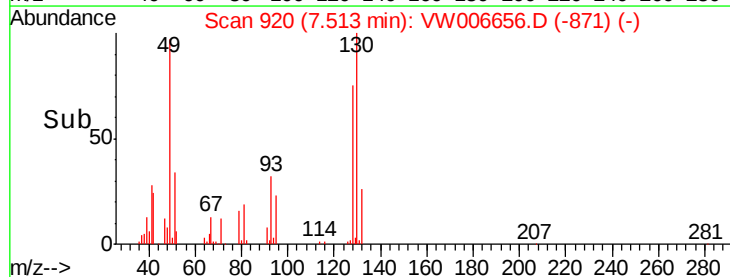
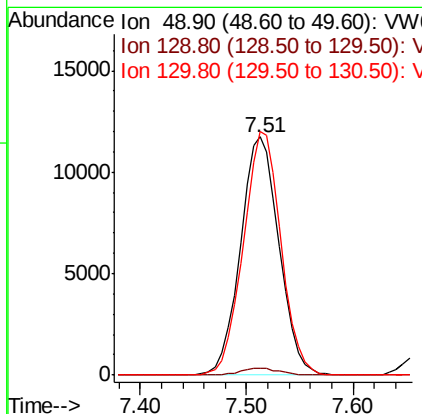
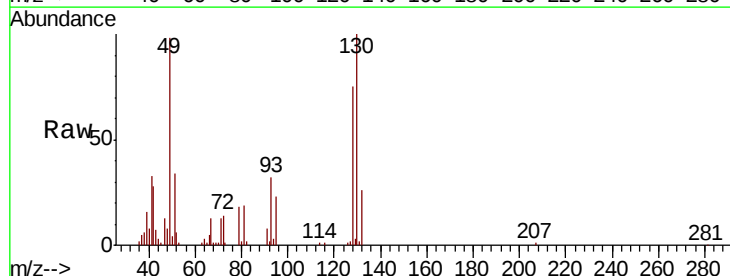
apatel
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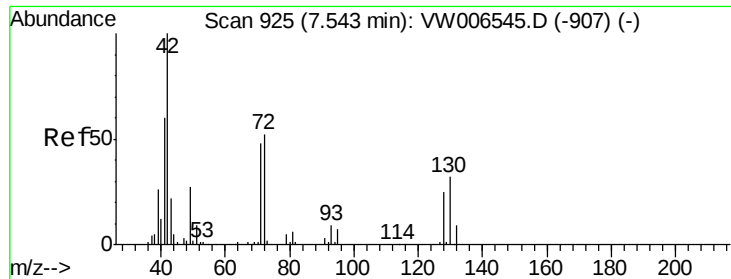


#28

Bromochloromethane
 Concen: 23.313 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	99.5	82.2	123.2





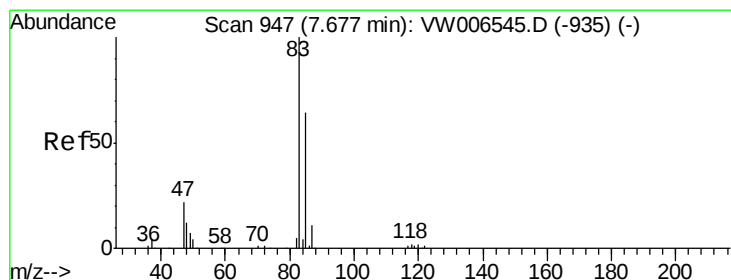
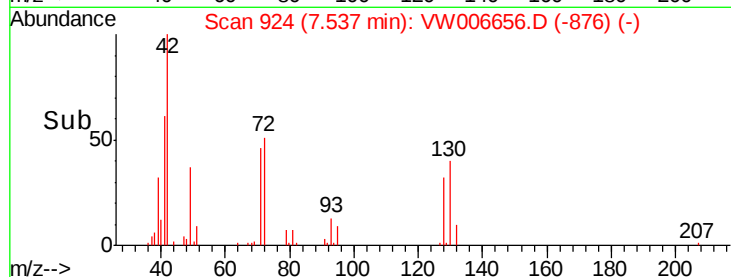
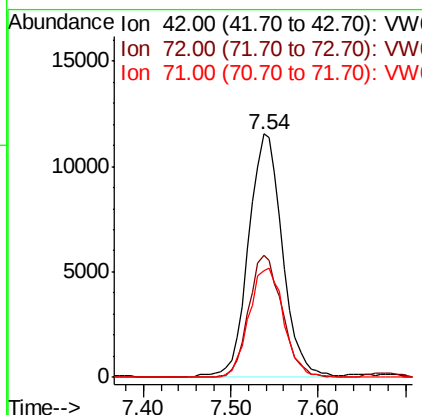
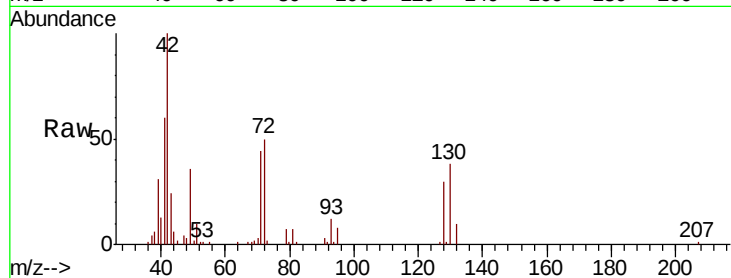
#29
Tetrahydrofuran
Concen: 116.976 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	39.2	58.8
71	46.0	37.6	56.4

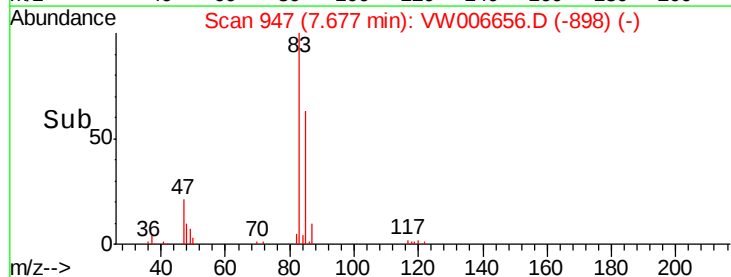
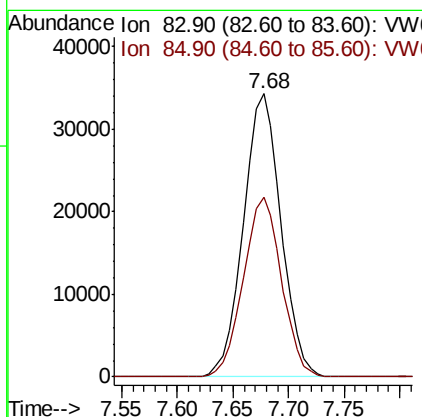
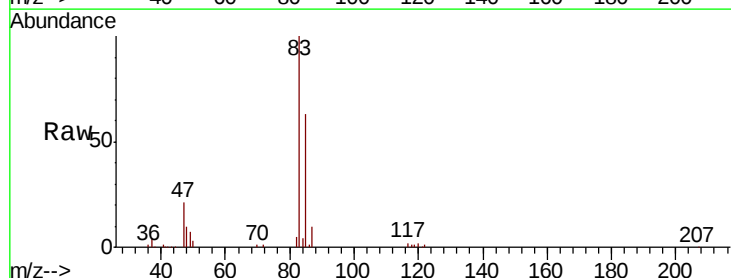
Manual Integrations
APPROVED

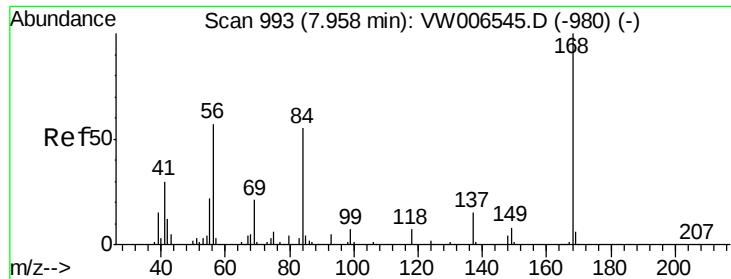
apatel
11/6/2018 8:16:13 AM



#30
Chloroform
Concen: 22.843 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.3	76.9





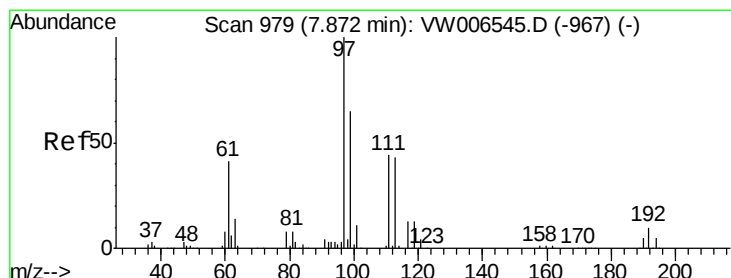
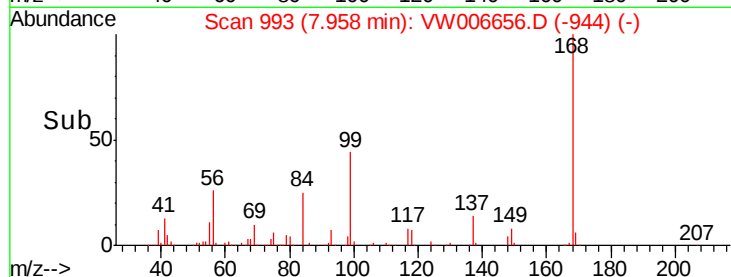
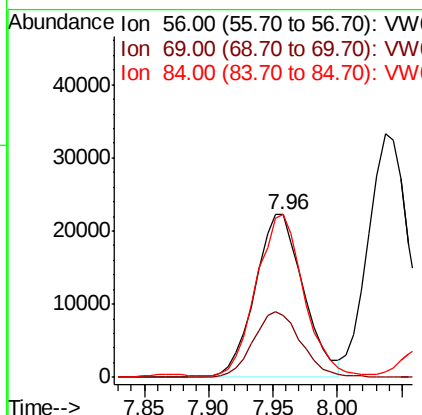
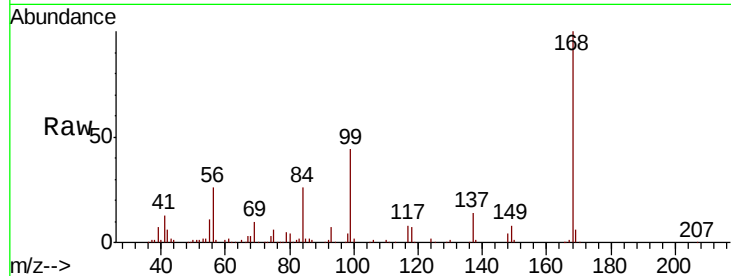
#31
Cyclohexane
Concen: 19.850 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.3	29.0	43.4
84	98.8	77.8	116.6

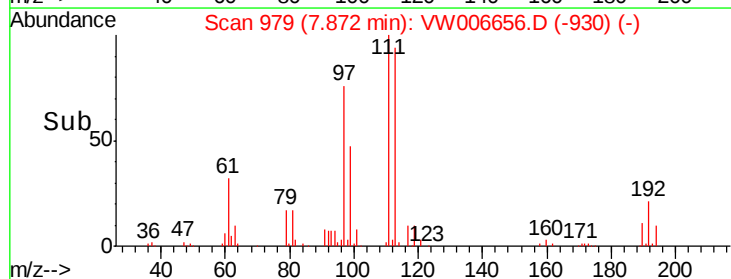
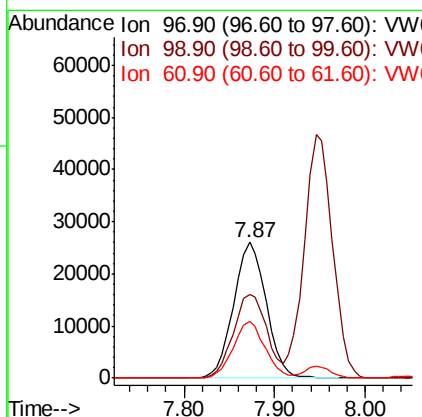
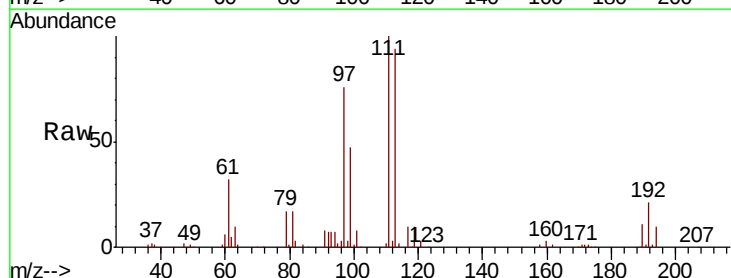
Manual Integrations
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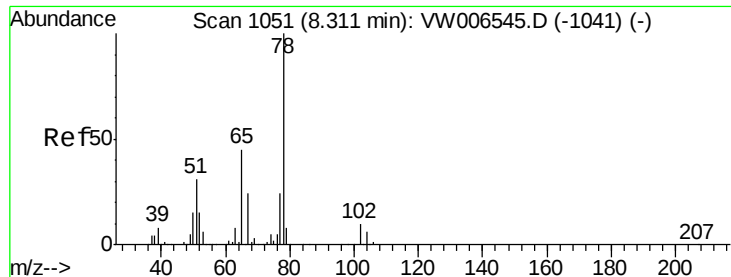
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.733 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	40.8	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 57.217 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

Tot Ion: 65 Resp: 105257

Ion Ratio Lower Upper

65 100

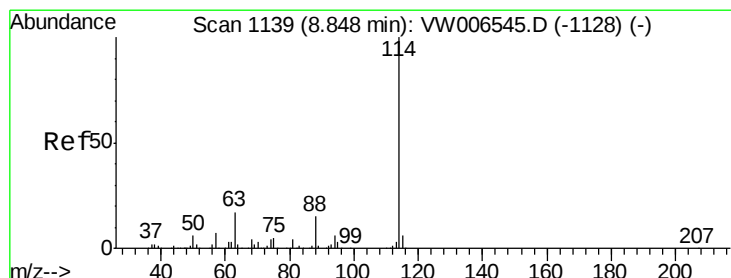
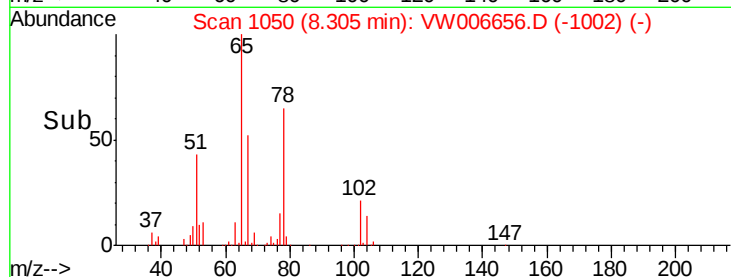
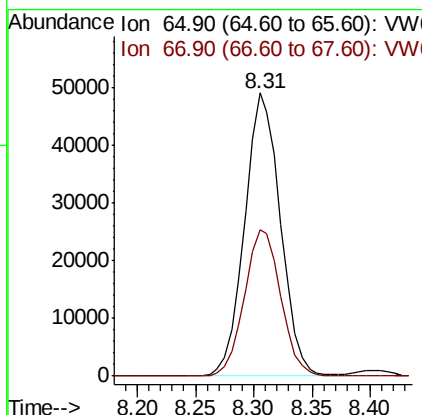
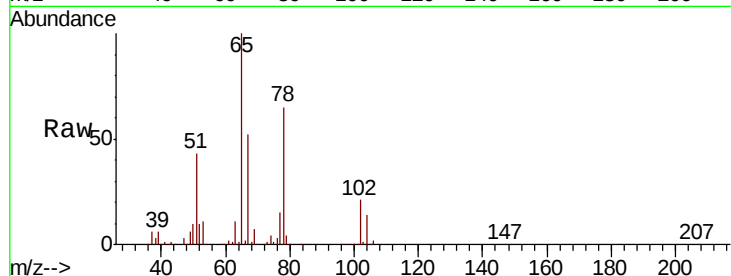
67 52.5 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

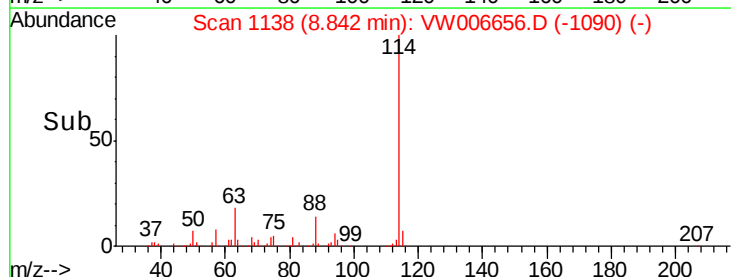
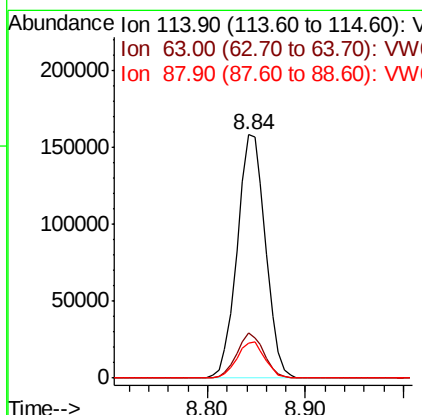
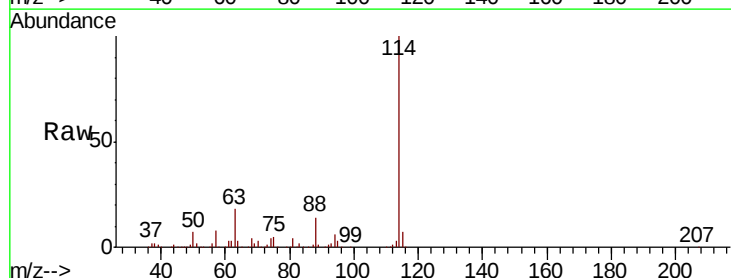
Tgt Ion: 114 Resp: 316463

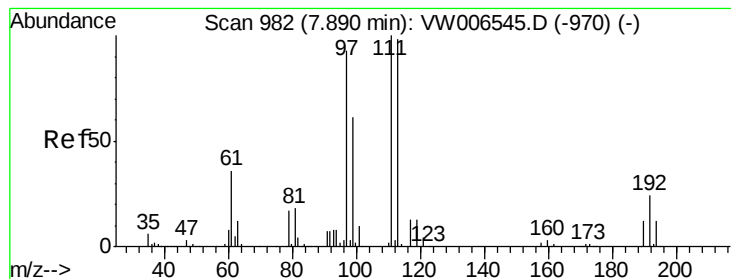
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.415 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

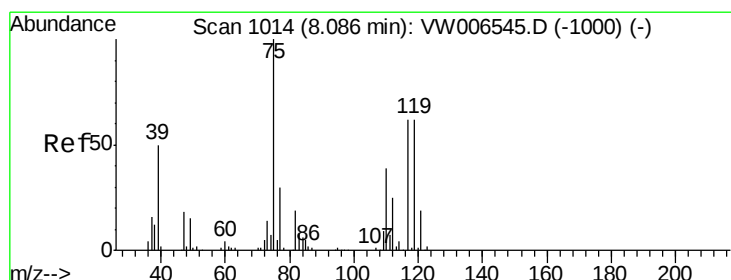
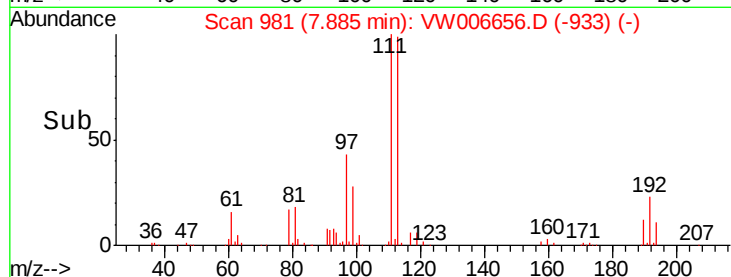
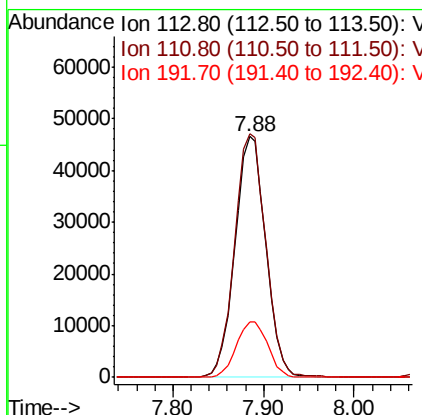
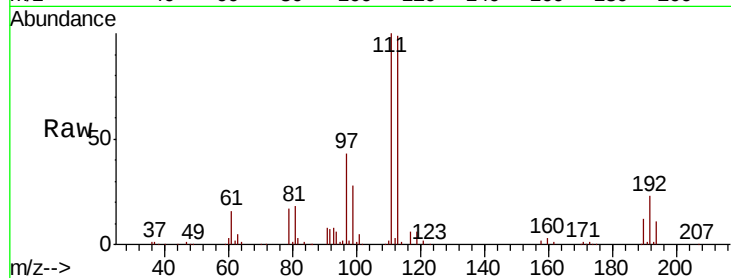
ClientSampleId :

VW1105SBS02

Tot Ion:	113	Resp:	110057
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.2	123.2
192	23.7	19.0	28.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.664 ug/l

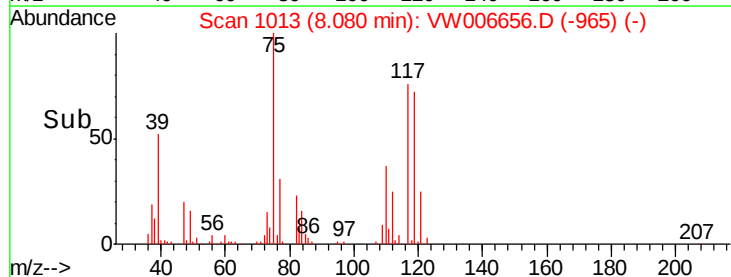
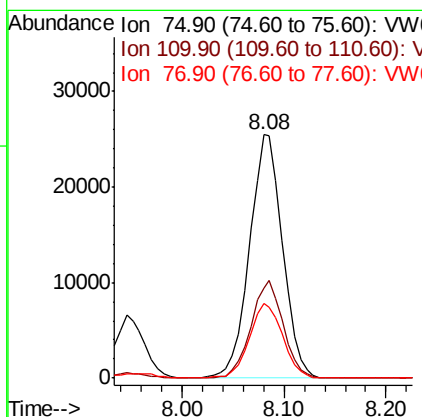
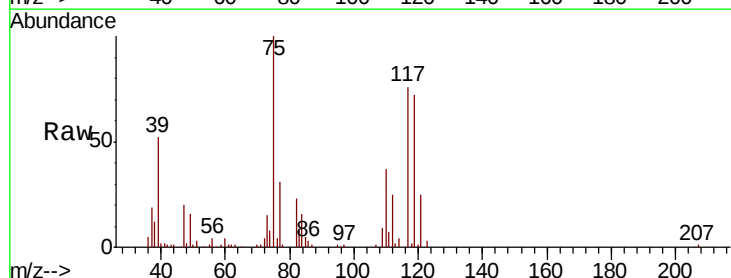
RT: 8.08 min Scan# 1013

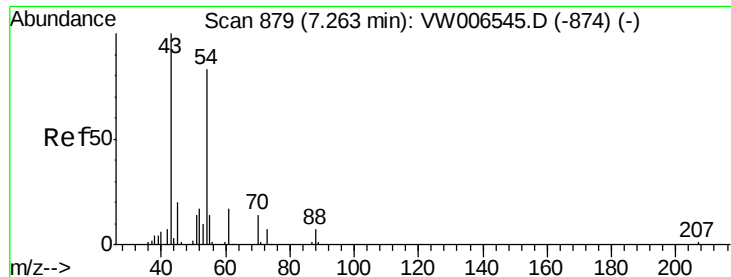
Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion:	75	Resp:	57509
Ion Ratio	Lower	Upper	
75	100		
110	38.6	19.5	58.5
77	30.8	24.6	37.0





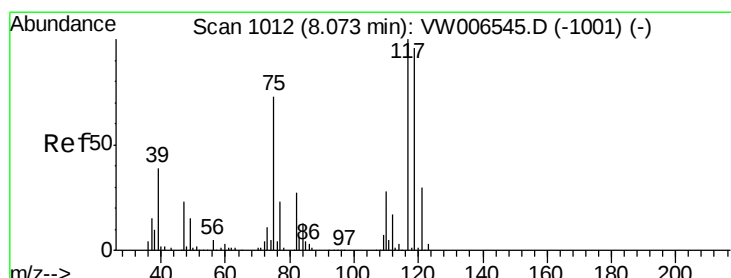
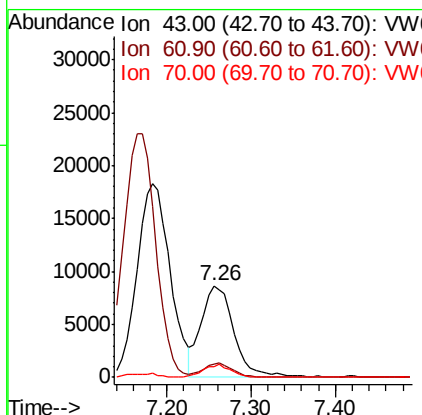
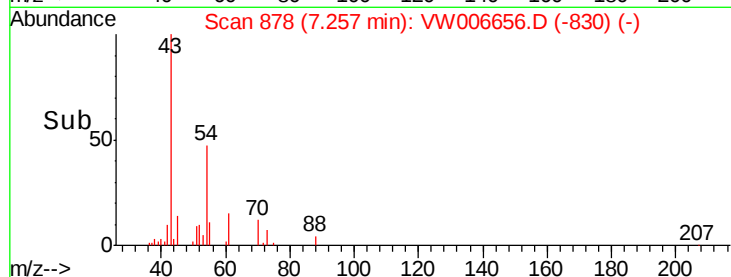
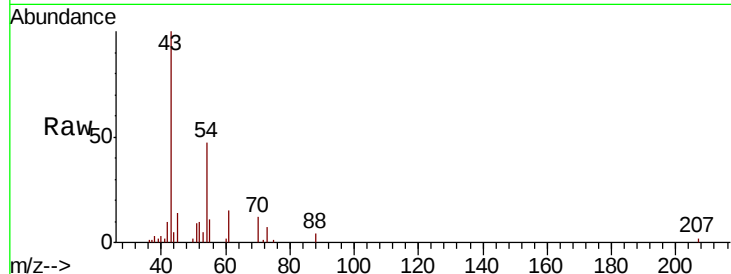
#37
Ethyl Acetate
Concen: 24.543 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.1	18.1
70	12.1	9.8	14.6

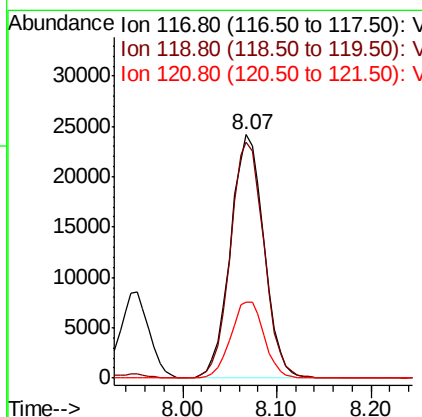
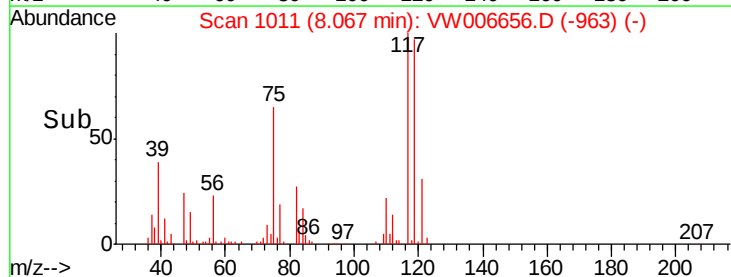
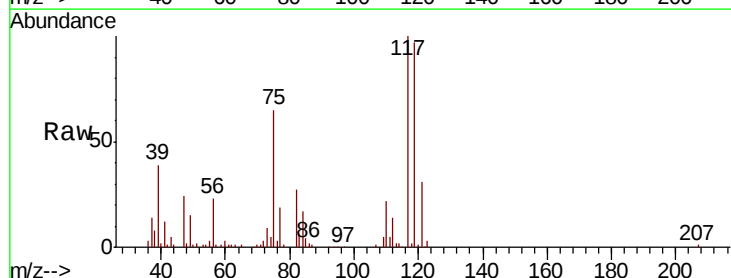
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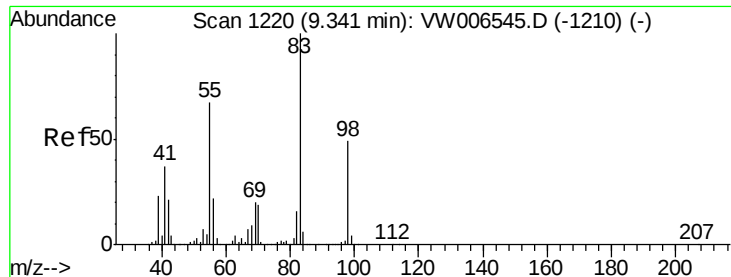
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#38
Carbon Tetrachloride
Concen: 20.622 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.3	114.5
121	31.3	24.1	36.1





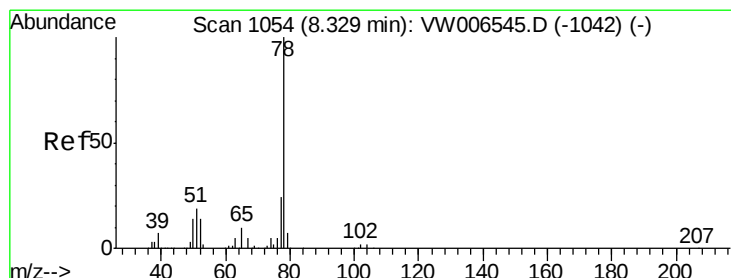
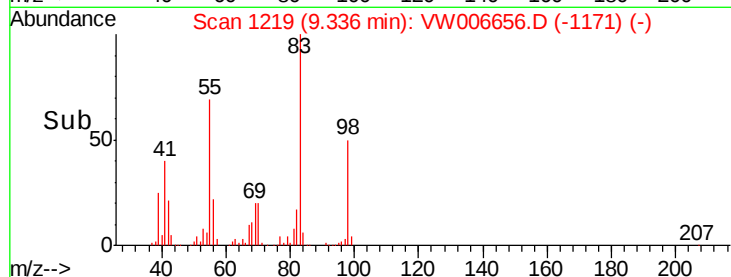
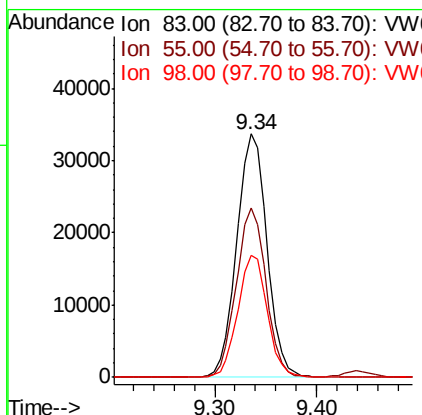
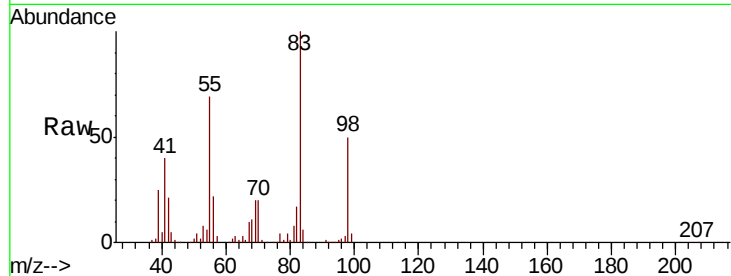
#39
Methvlcvclohexane
Concen: 19.616 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.4	53.7	80.5
98	50.4	39.2	58.8

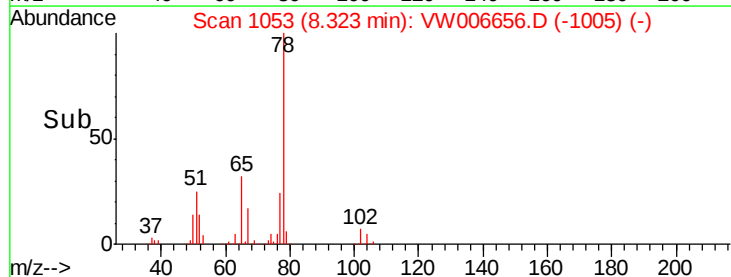
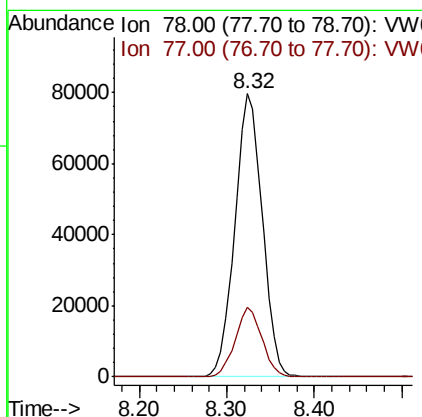
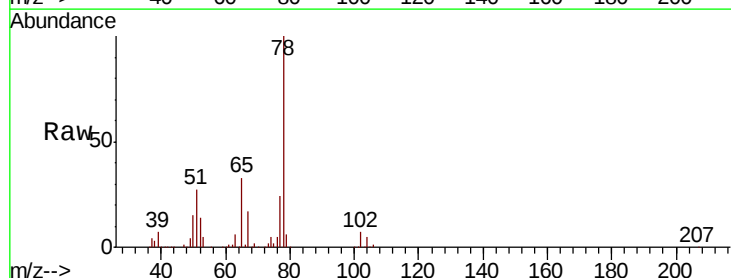
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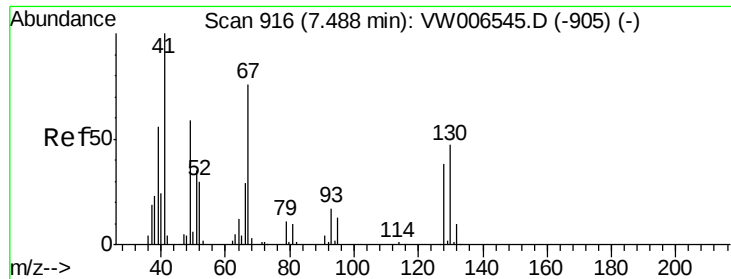
apatel
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#40
Benzene
Concen: 22.025 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.2	28.8





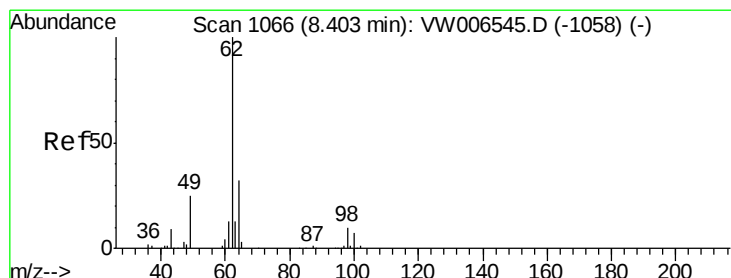
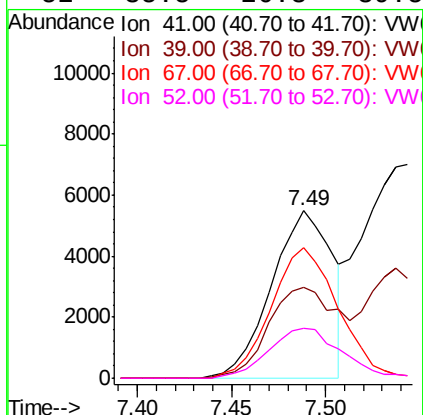
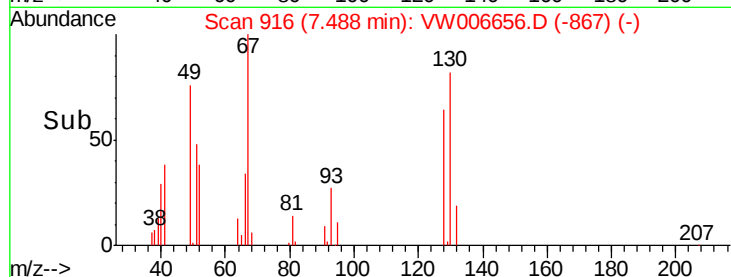
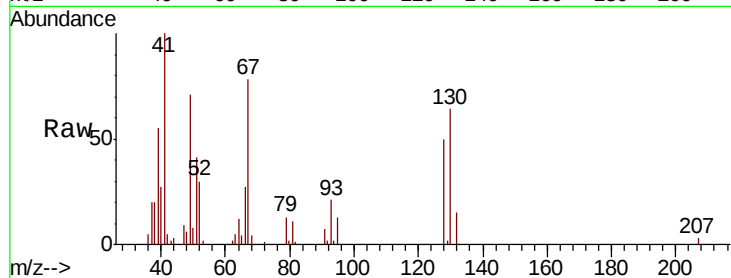
#41
Methacrylonitrile
Concen: 20.809 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.9	44.5	66.7
67	85.6	63.8	95.8
52	35.5	26.3	39.5

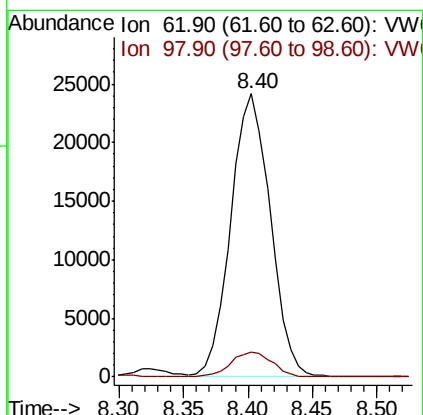
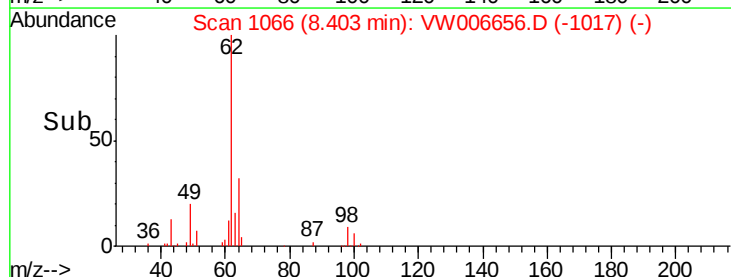
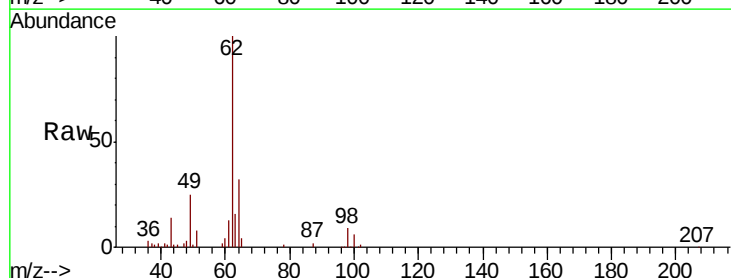
Manual Integrations
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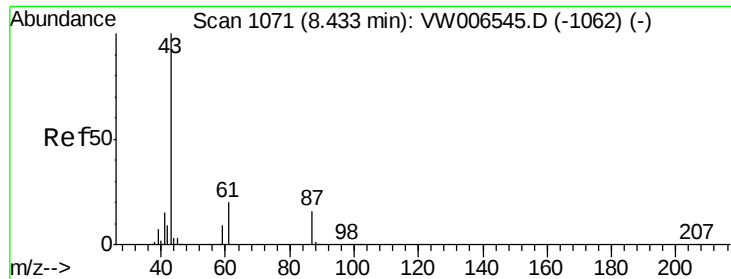
apatel
11/6/2018 8:16:13 AM



#42
1,2-Dichloroethane
Concen: 22.820 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8





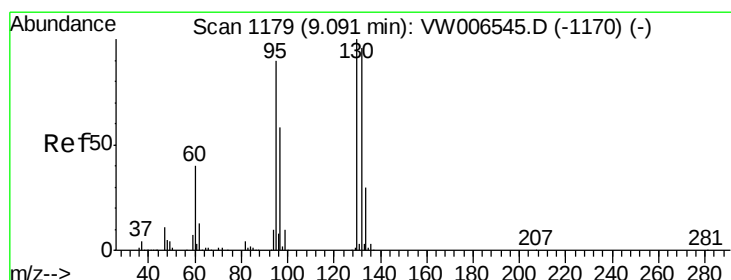
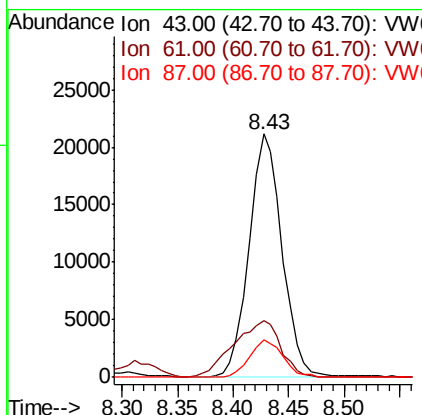
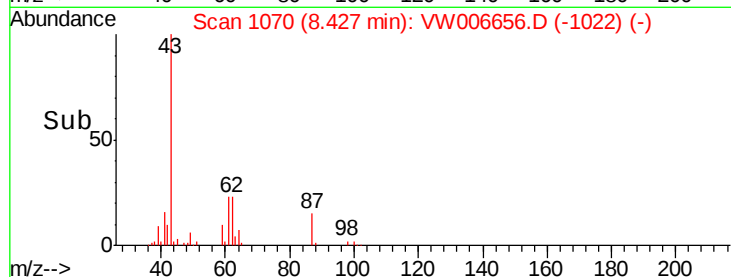
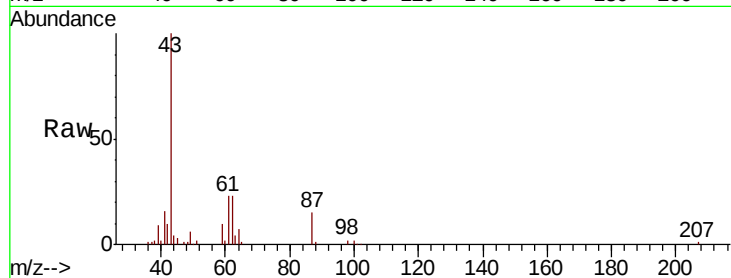
#43
Isopropyl Acetate
Concen: 22.722 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.2	27.2	40.8
87	15.5	12.9	19.3

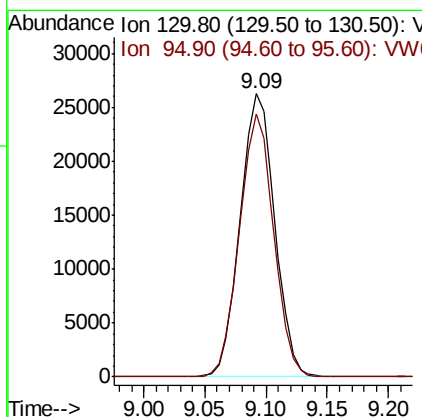
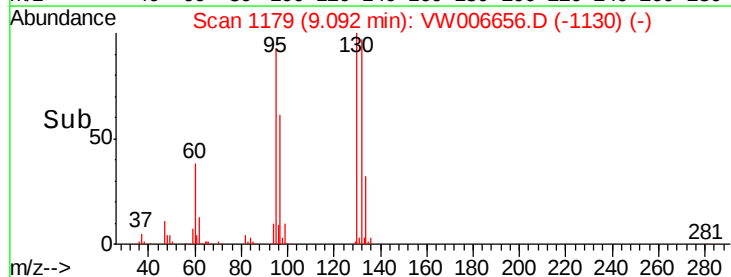
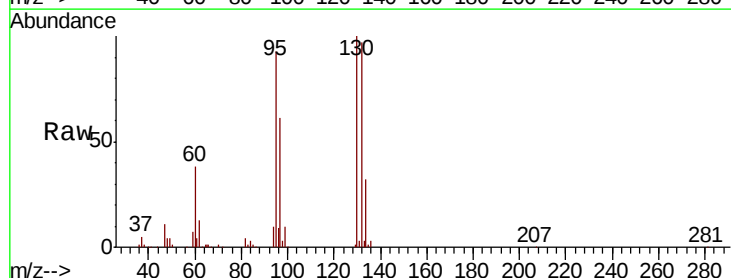
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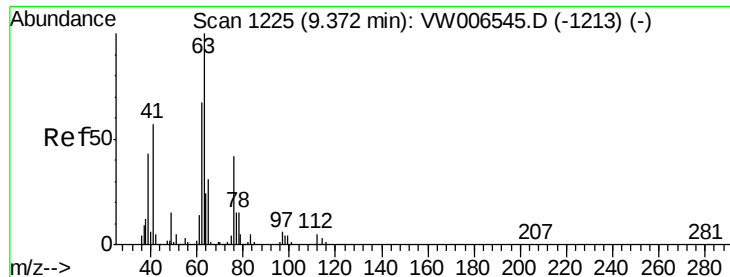
apatel
11/6/2018 8:16:13 AM



#44
Trichloroethene
Concen: 21.136 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	179.2





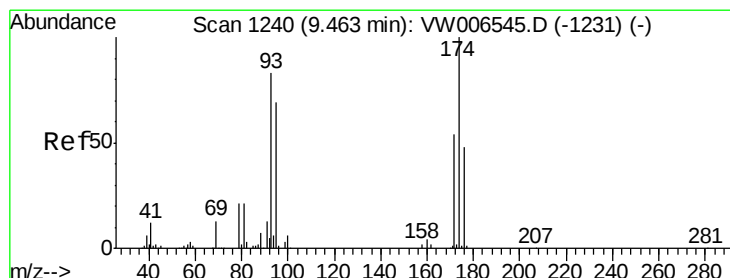
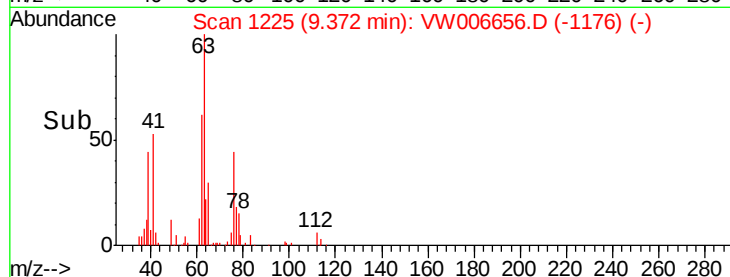
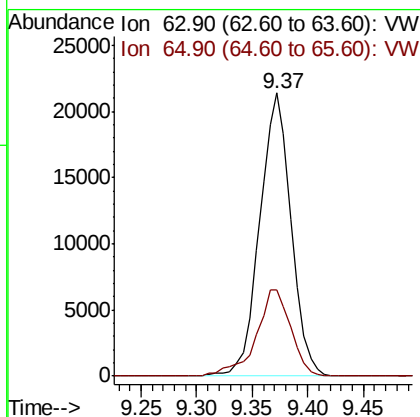
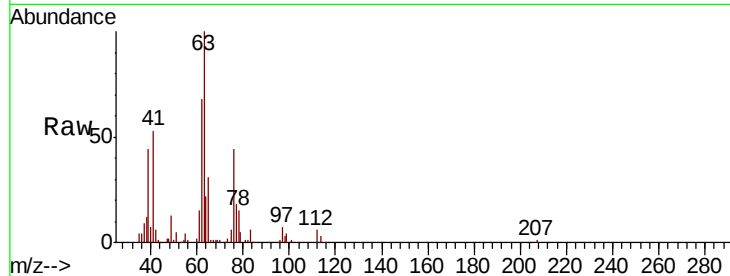
#45
 1,2-Dichloropropane
 Concen: 22.769 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.1	37.7

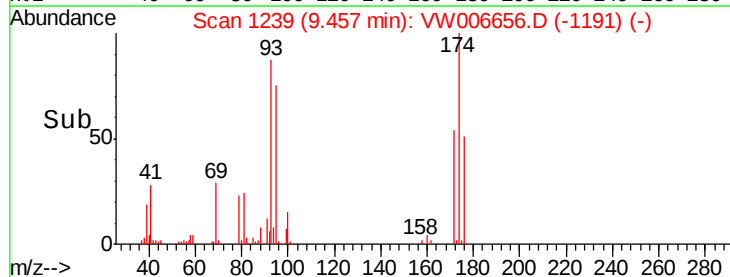
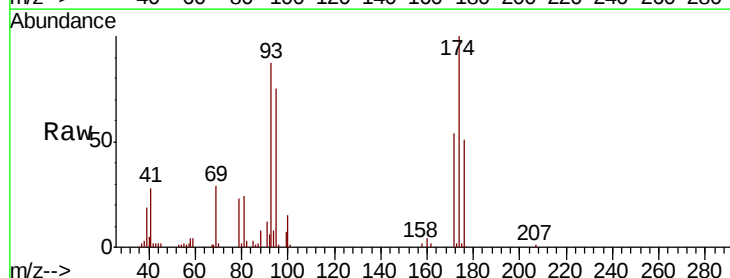
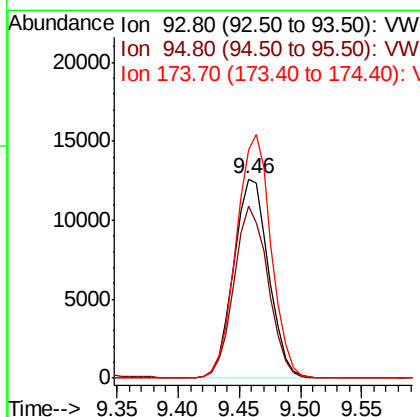
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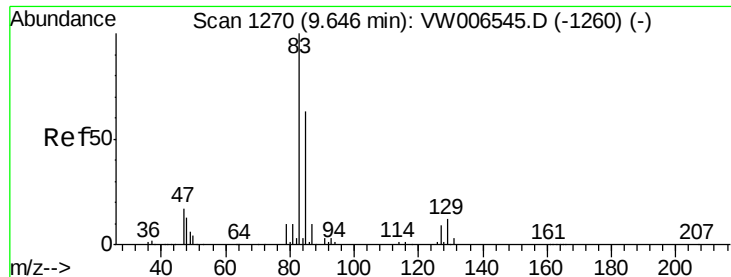
apatel
 11/6/2018 8:16:13 AM



#46
 Dibromomethane
 Concen: 23.063 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.2	100.8
174	122.0	97.3	145.9





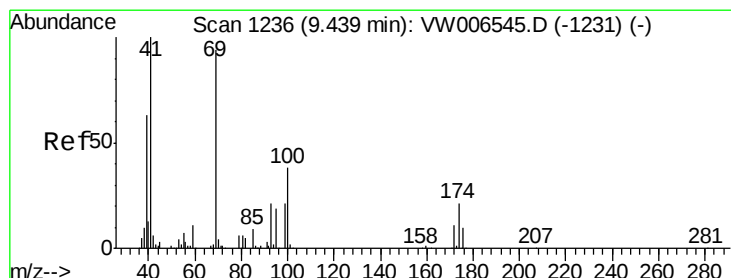
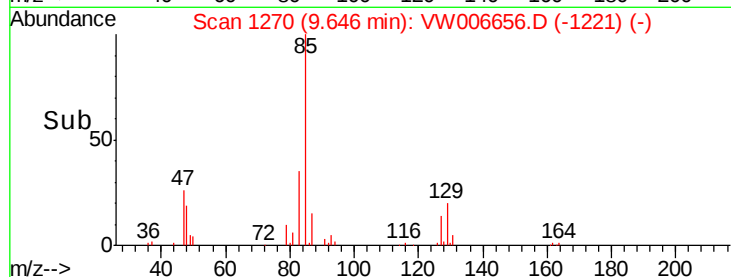
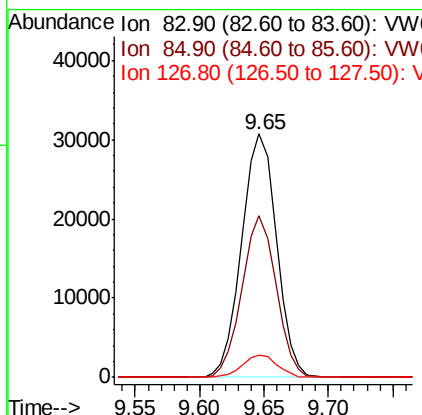
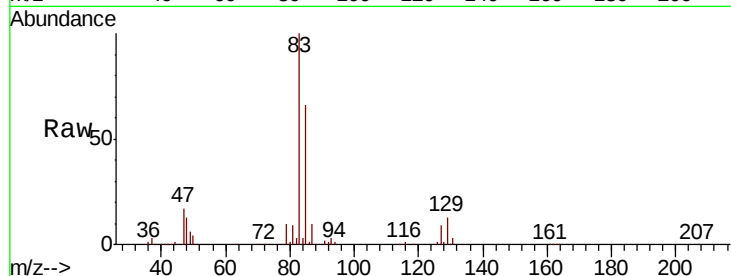
#47
Bromodichloromethane
Concen: 22.959 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.6	75.8
127	9.0	7.5	11.3

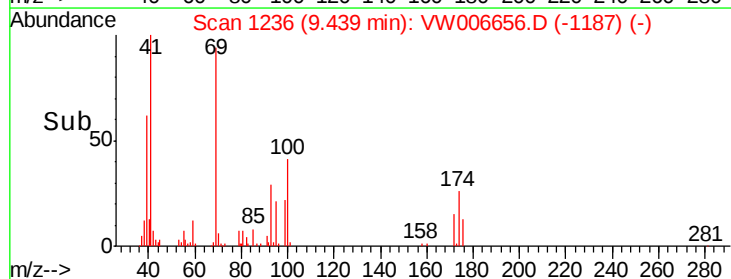
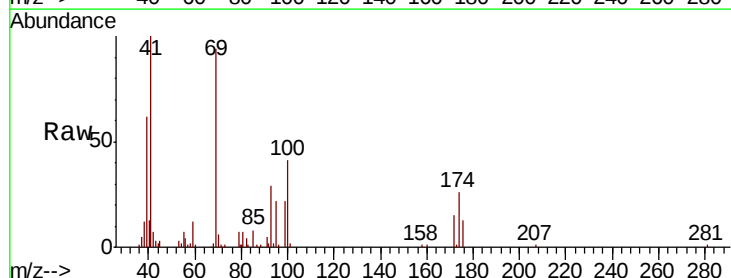
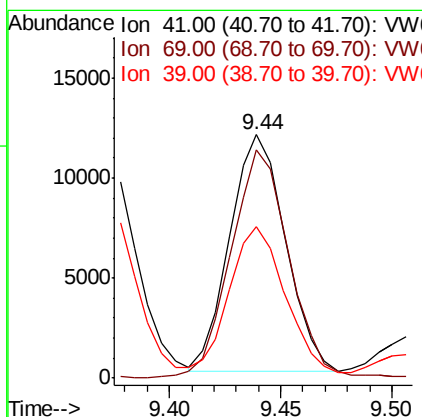
Manual Integrations
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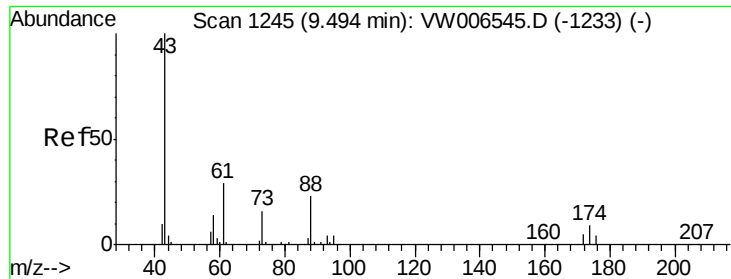
apatel
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#48
Methyl methacrylate
Concen: 22.180 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	101.2	77.8	116.8
39	66.4	48.7	73.1





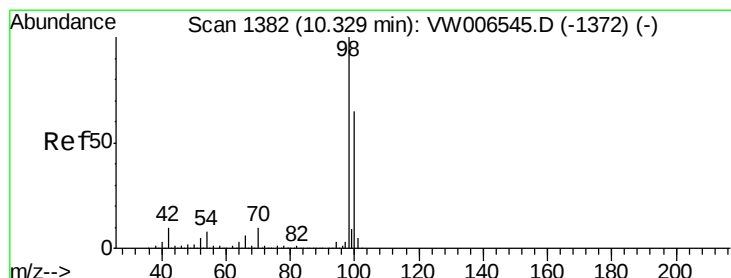
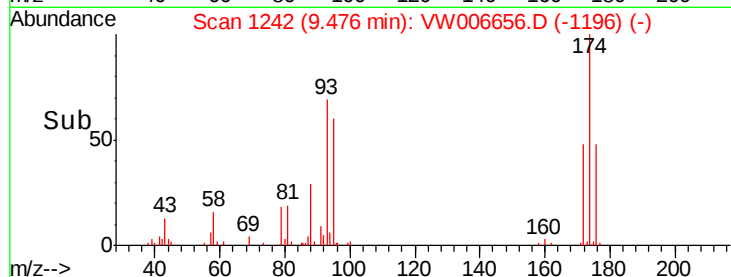
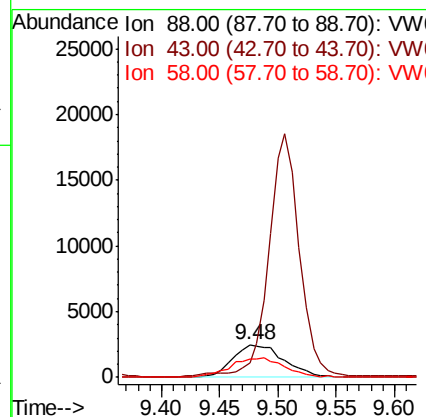
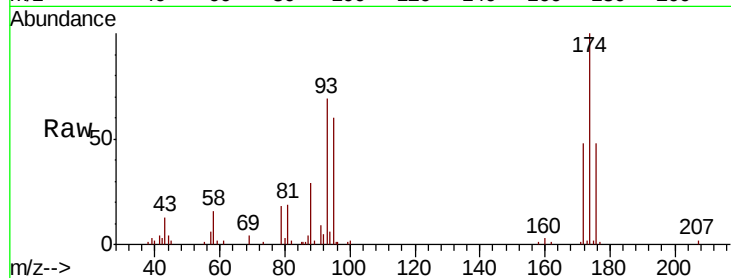
#49
1,4-Dioxane
Concen: 474.924 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.02 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	64.2	51.4	77.2

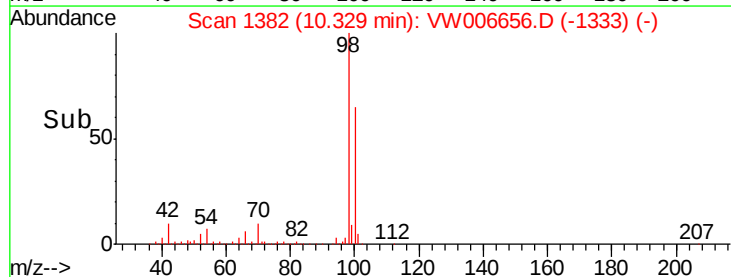
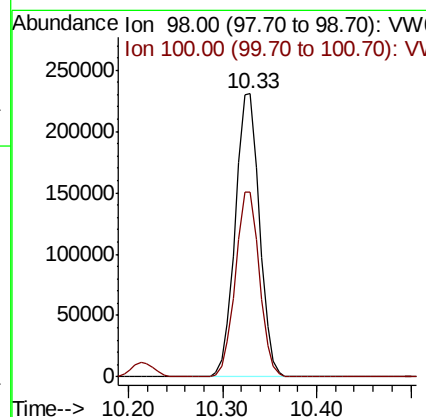
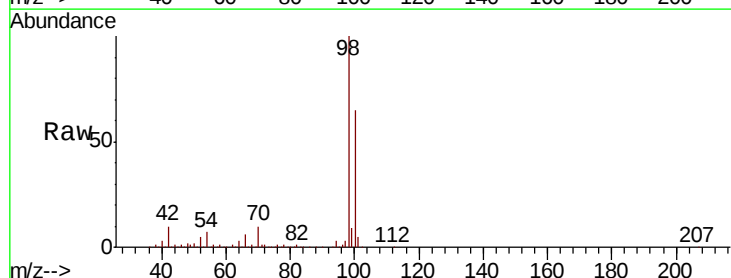
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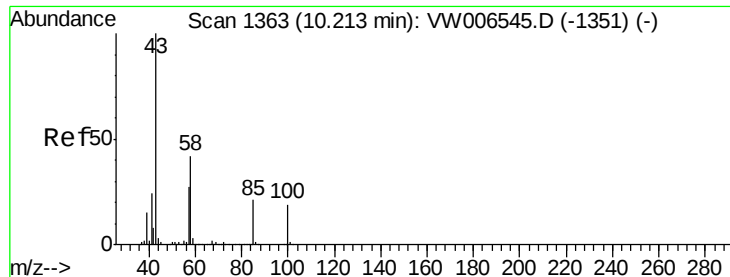
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#50
Toluene-d8
Concen: 54.251 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 115.512 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 43 Resp: 114171

Ion Ratio Lower Upper

43 100

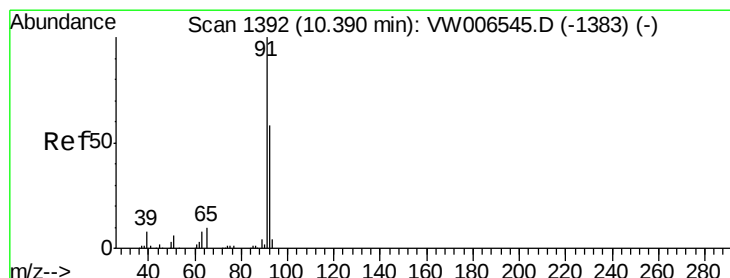
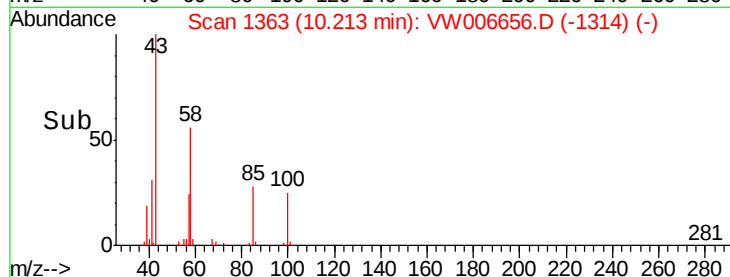
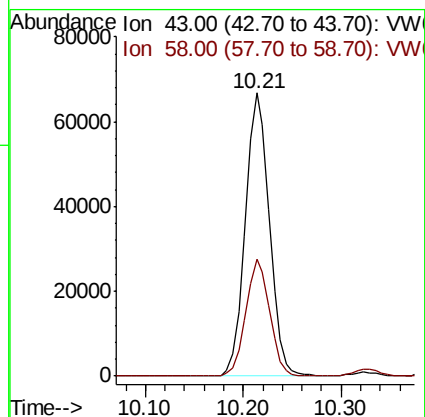
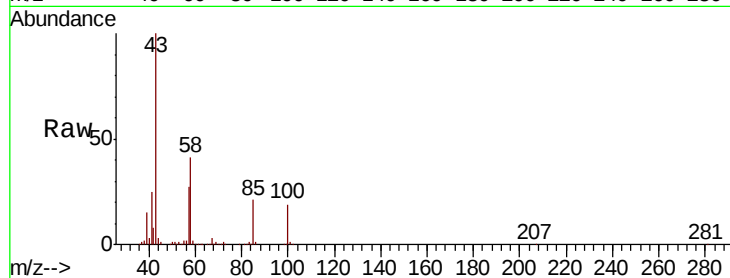
58 40.9 33.4 50.0

Manual Integrations

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#52

Toluene

Concen: 21.758 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006656.D

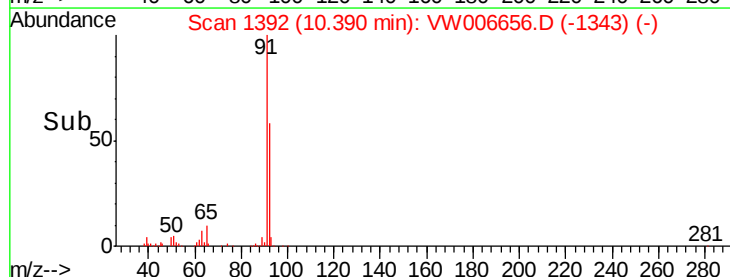
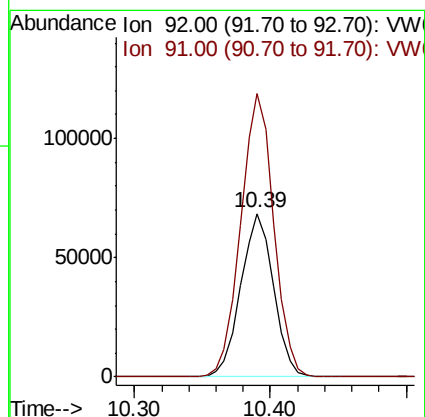
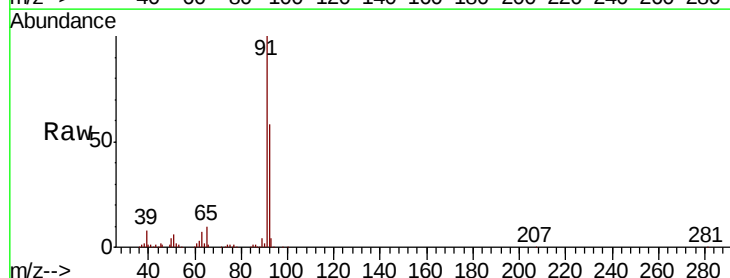
Acq: 06 Nov 2018 01:35

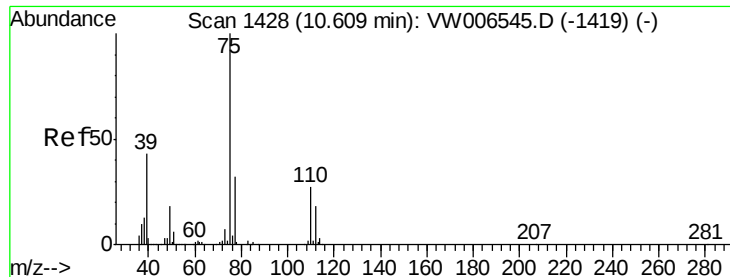
Tgt Ion: 92 Resp: 115359

Ion Ratio Lower Upper

92 100

91 174.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 22.495 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion: 75 Resp: 54358

Ion Ratio Lower Upper

75 100

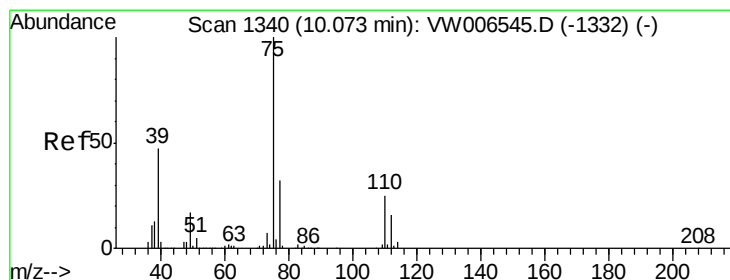
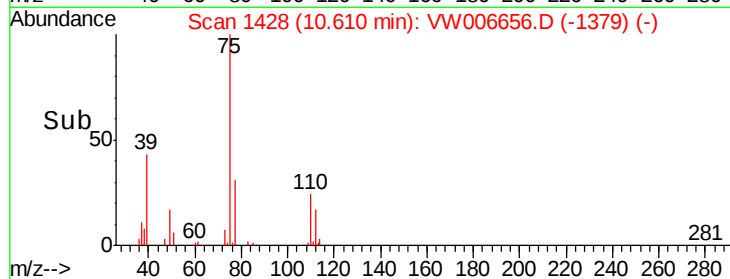
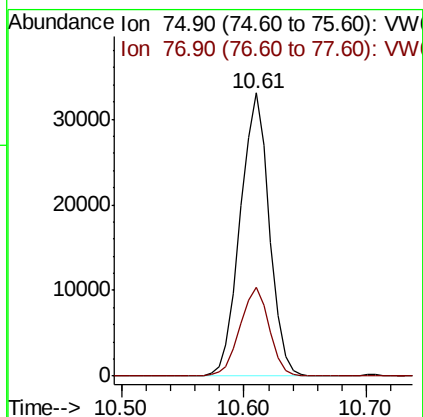
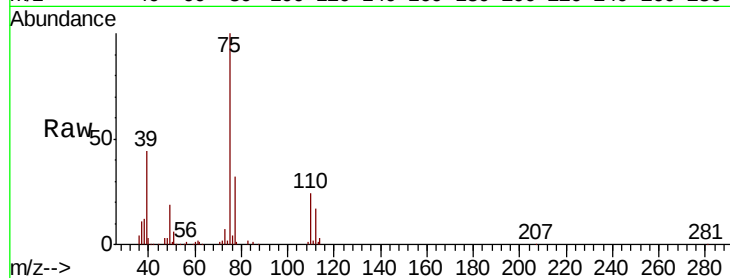
77 31.5 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.900 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

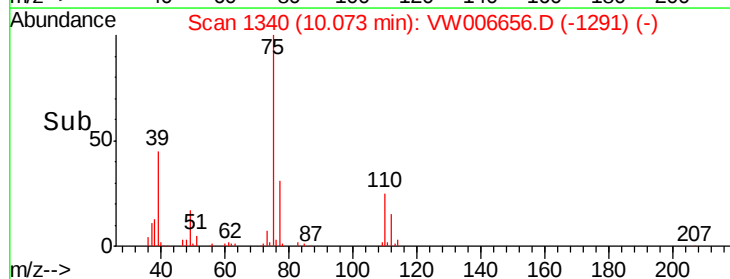
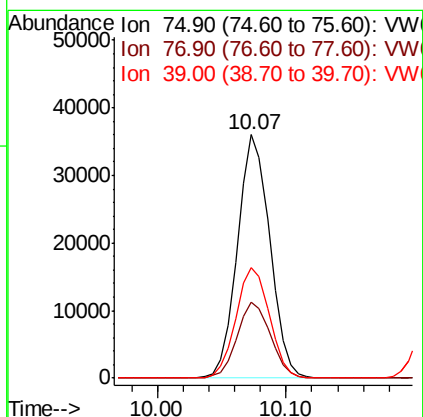
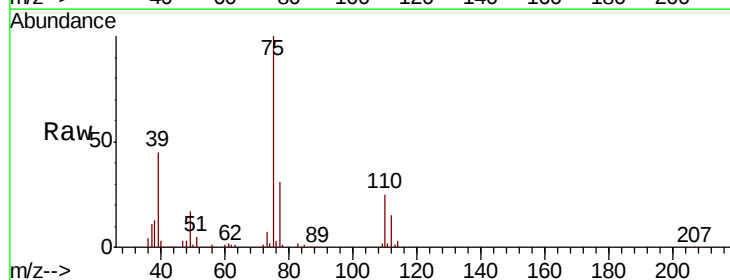
Tgt Ion: 75 Resp: 62536

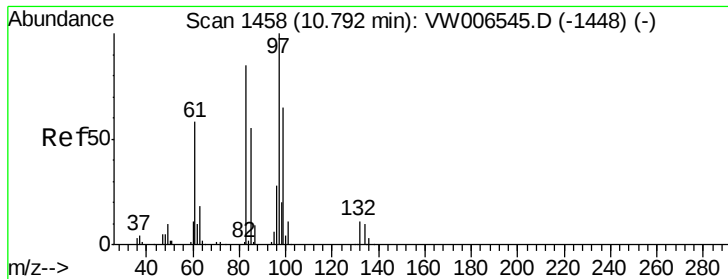
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 45.3 37.3 55.9





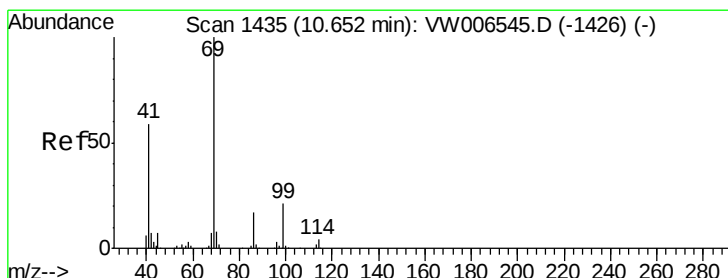
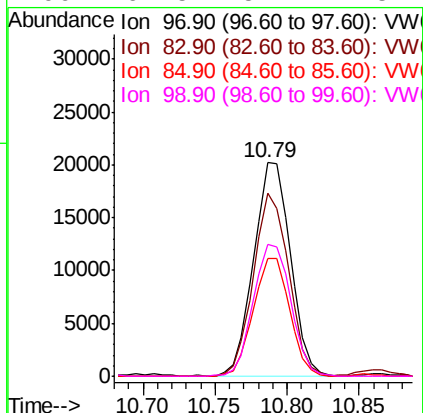
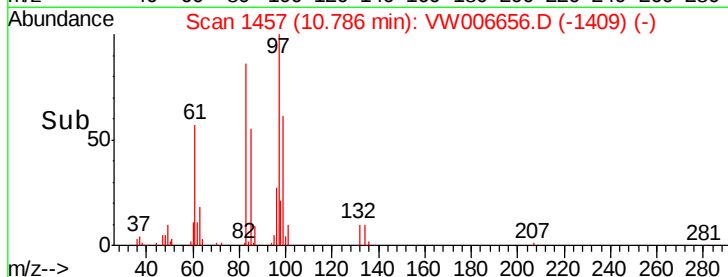
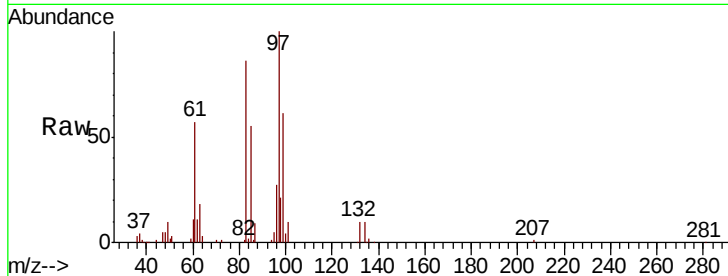
#55
 1,1,2-Trichloroethane
 Concen: 23.281 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion:	97	Resp:	35720
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.9	101.9
85	55.3	44.0	66.0
99	61.5	52.2	78.2

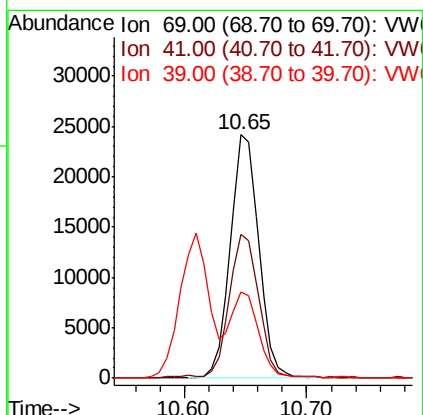
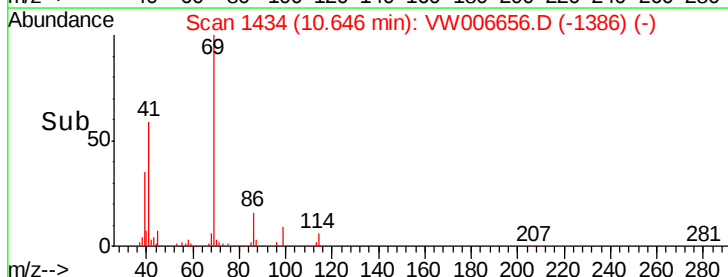
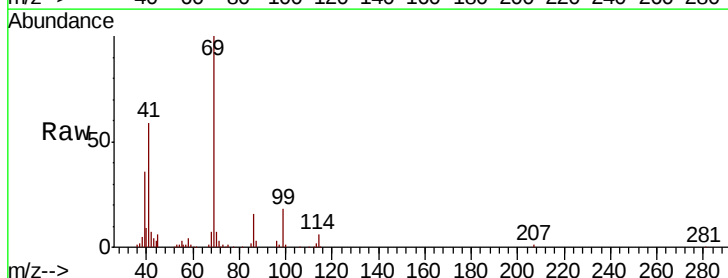
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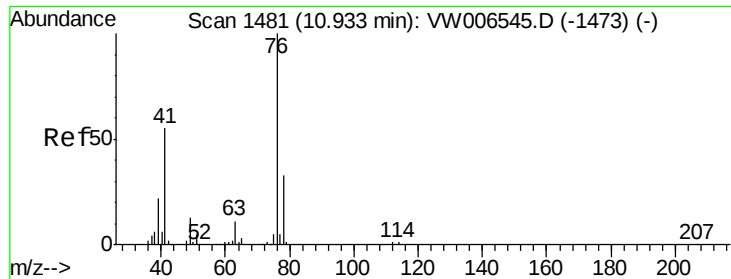
apatel
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#56
 Ethyl methacrylate
 Concen: 22.212 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion:	69	Resp:	38736
Ion	Ratio	Lower	Upper
69	100		
41	62.9	47.4	71.2
39	36.0	25.3	37.9





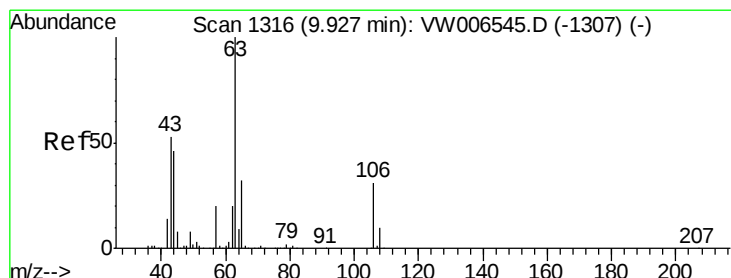
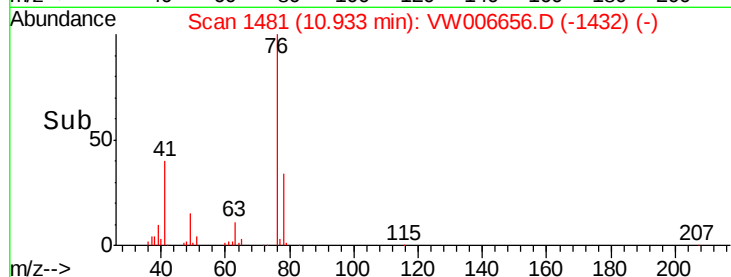
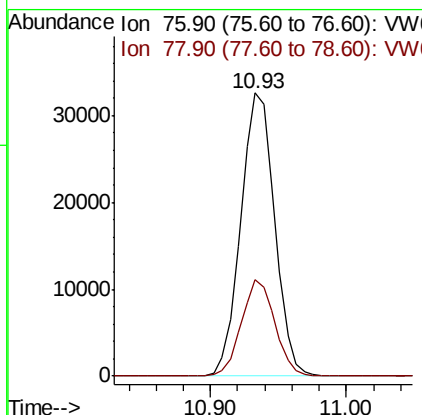
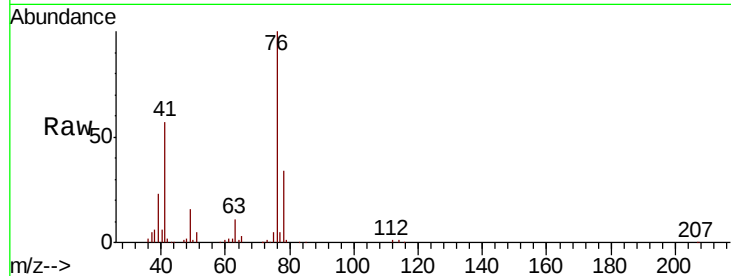
#57
 1,3-Dichloropropane
 Concen: 22.804 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.6	26.2	39.4

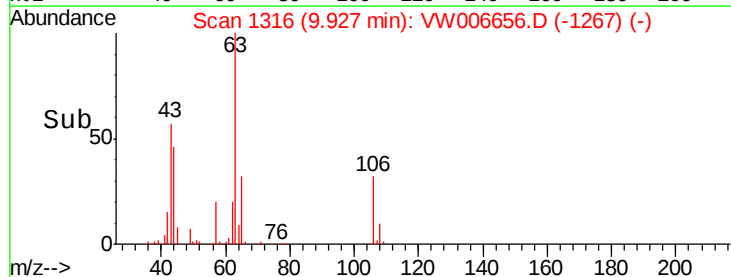
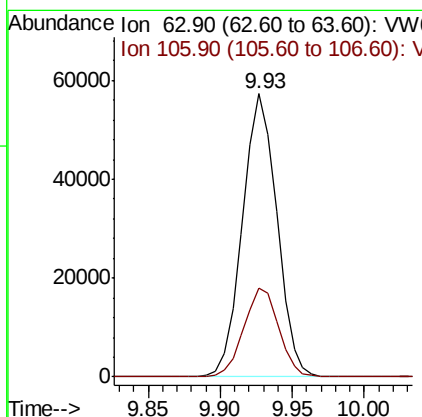
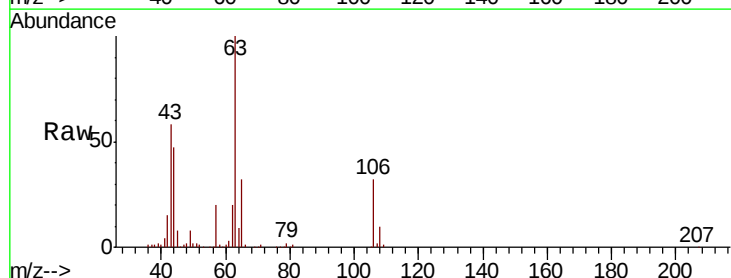
Manual Integrations
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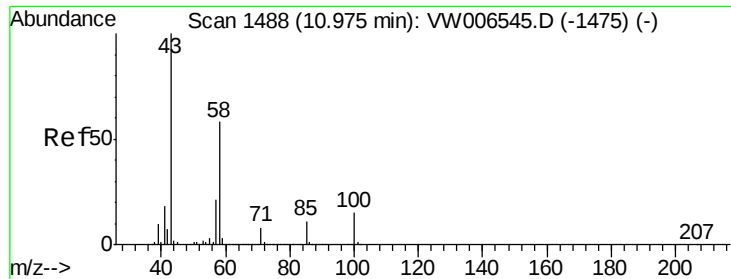
apatel
 11/6/2018 8:16:13 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.842 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.4	38.2





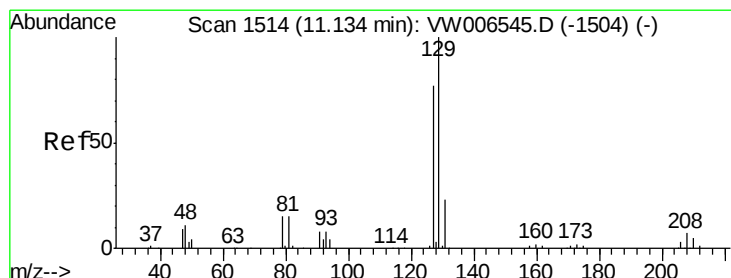
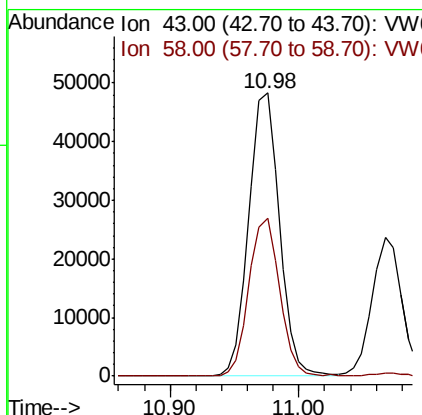
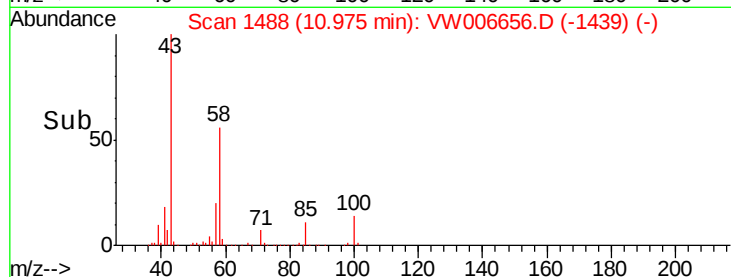
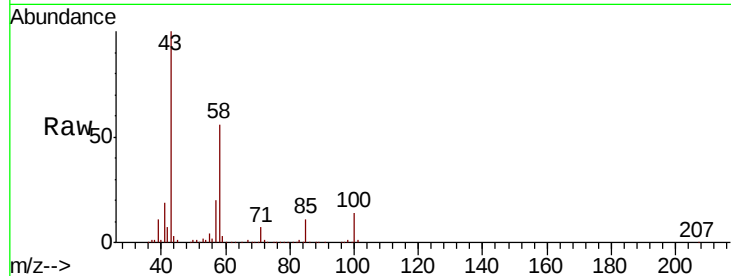
#59
2-Hexanone
Concen: 118.916 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

Tot Ion: 43 Resp: 79829
Ion Ratio Lower Upper
43 100
58 55.6 28.8 86.4

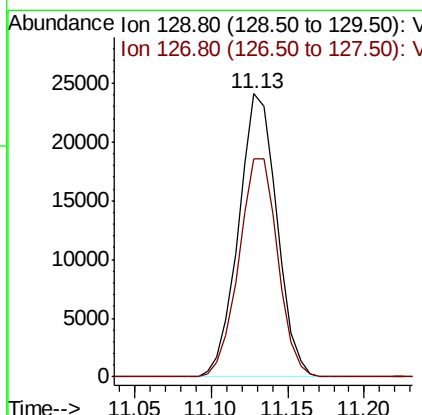
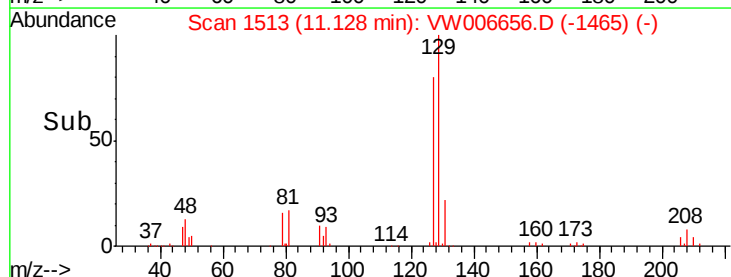
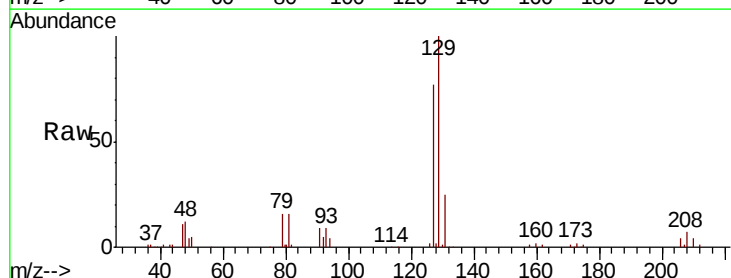
Manual Integrations
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#60
Dibromochloromethane
Concen: 23.054 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 129 Resp: 41910
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3





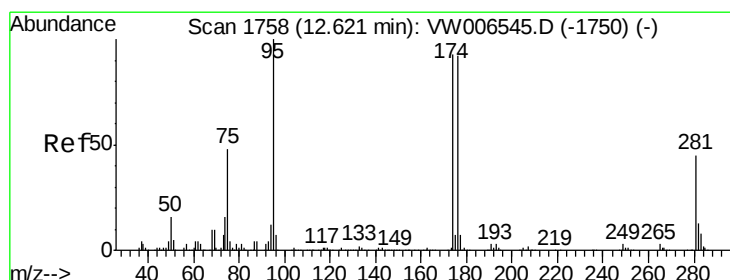
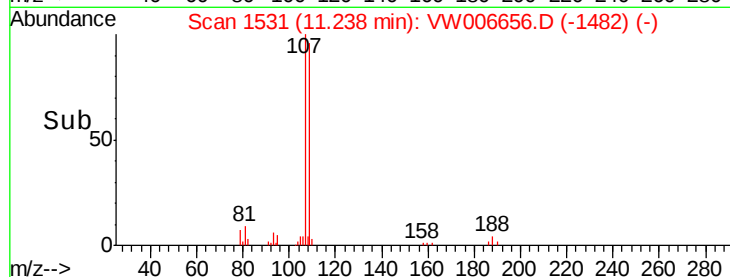
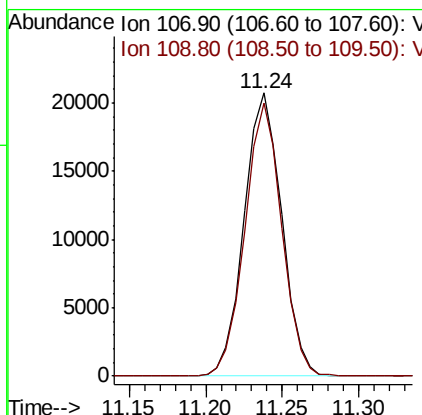
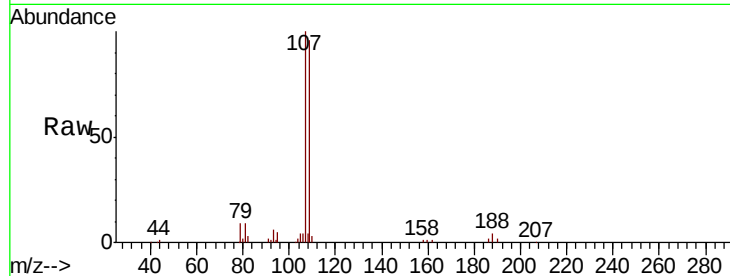
#61
 1,2-Dibromoethane
 Concen: 23.251 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion: 107 Resp: 35427
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.6

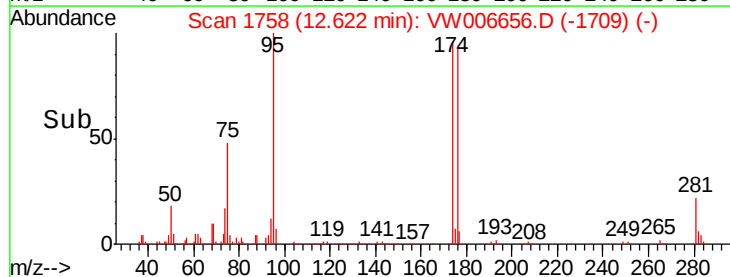
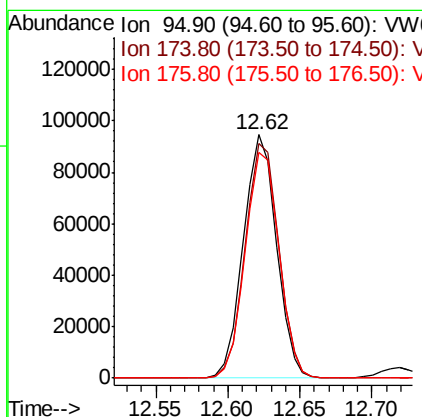
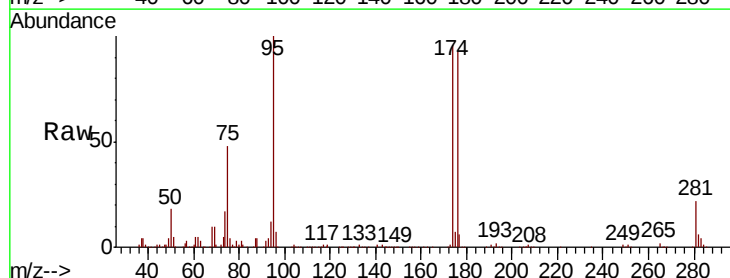
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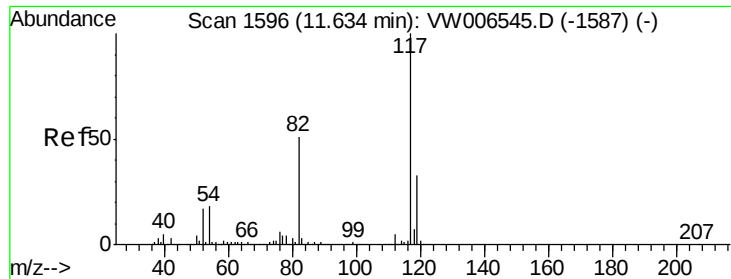
apatel
 11/6/2018 8:16:13 AM



#62
 4-Bromofluorobenzene
 Concen: 54.806 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion: 95 Resp: 150222
 Ion Ratio Lower Upper
 95 100
 174 98.0 0.0 192.4
 176 94.8 0.0 187.4





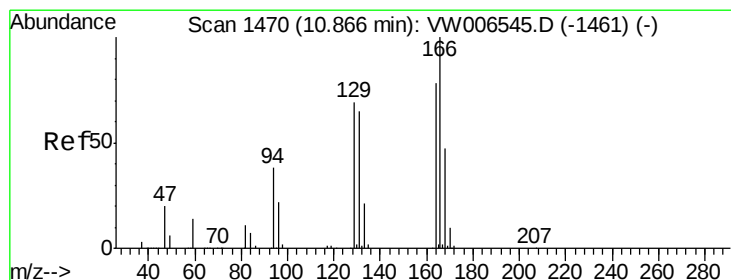
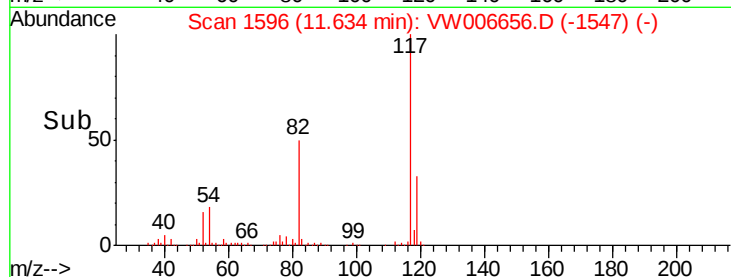
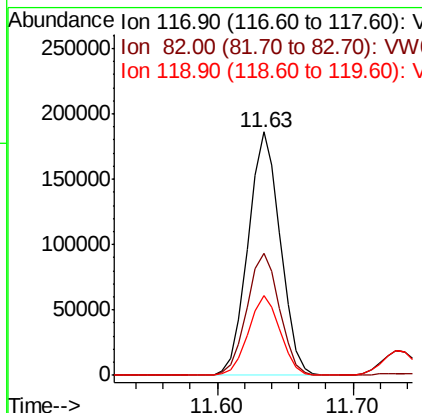
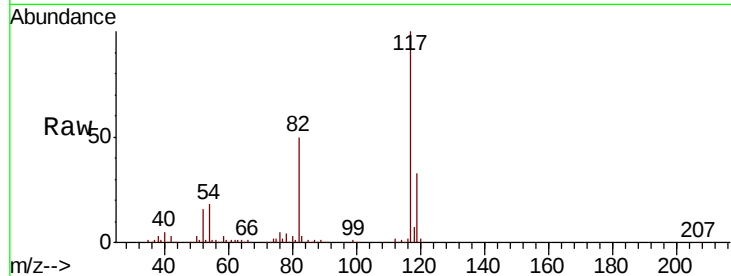
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	50.3	40.8	61.2
119	32.7	26.1	39.1

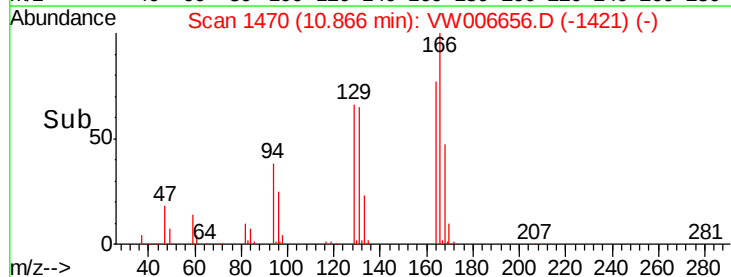
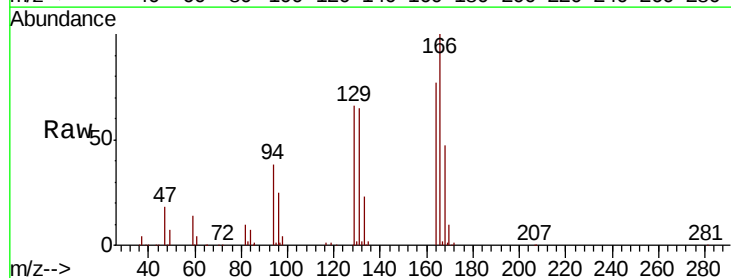
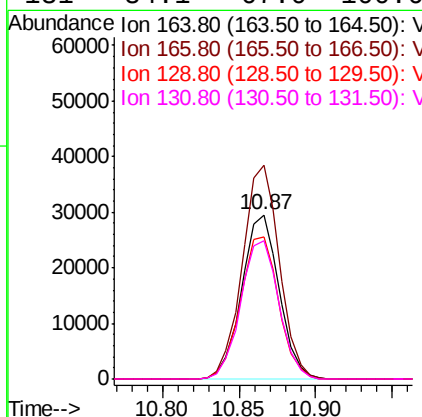
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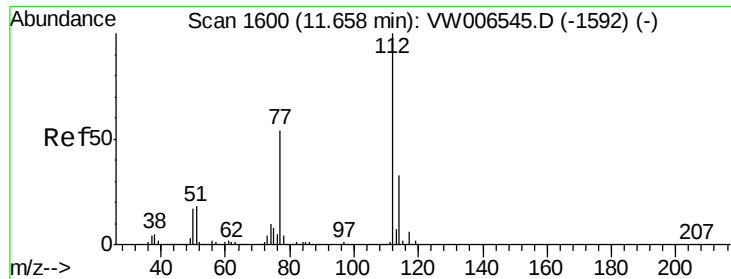
apatel
11/6/2018 8:16:13 AM



#64
Tetrachloroethene
Concen: 20.270 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	130.2	102.8	154.2
129	86.3	70.9	106.3
131	84.1	67.0	100.6





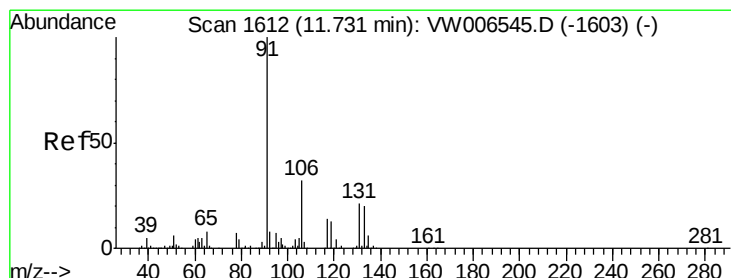
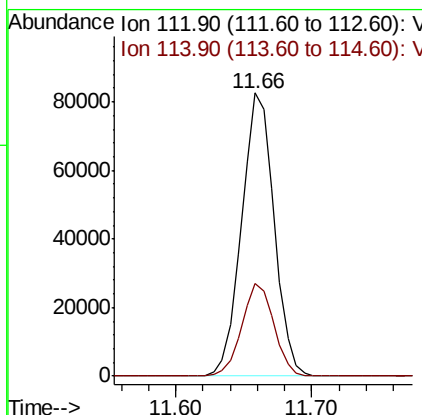
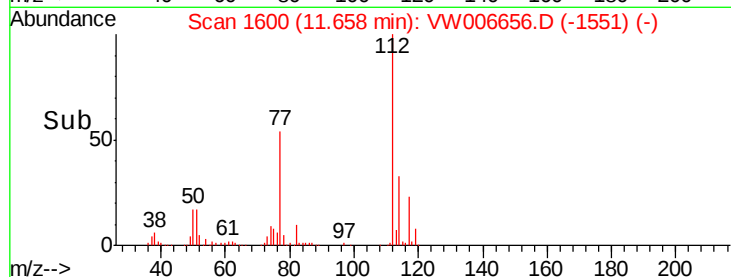
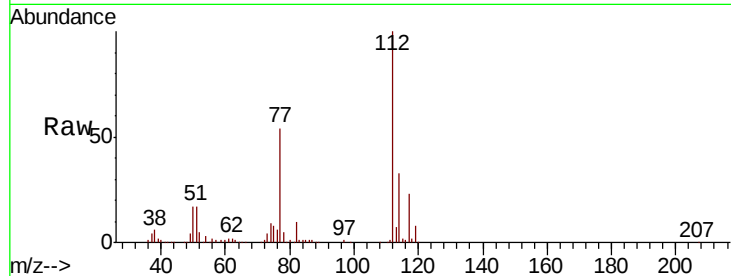
#65
Chlorobenzene
Concen: 21.216 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.2	39.2

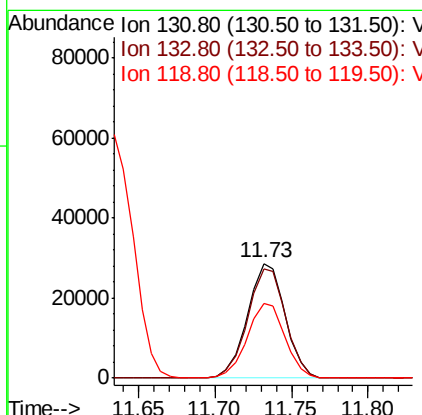
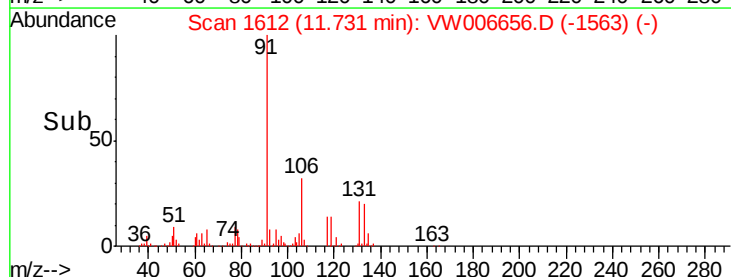
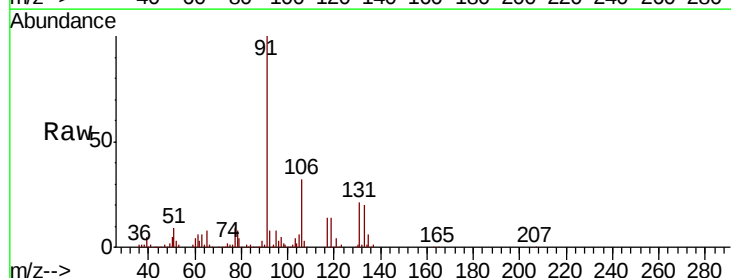
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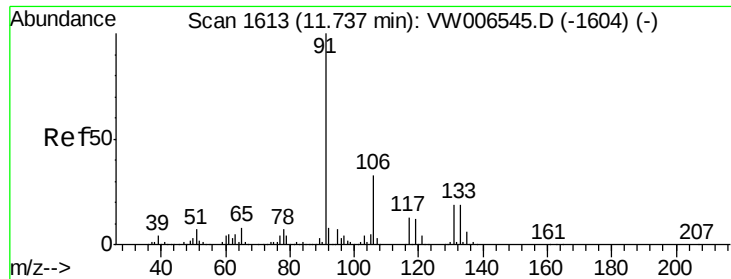
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.399 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.5	142.5
119	65.6	31.9	95.5





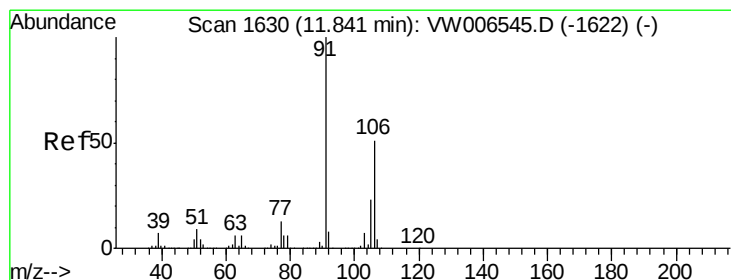
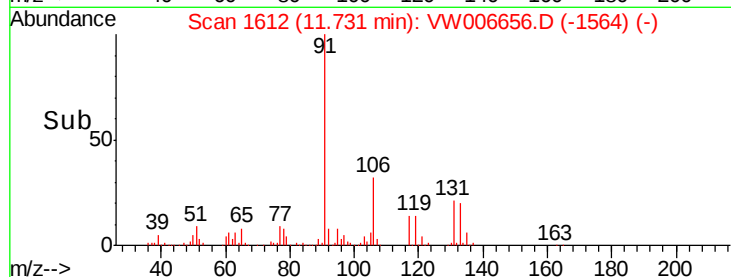
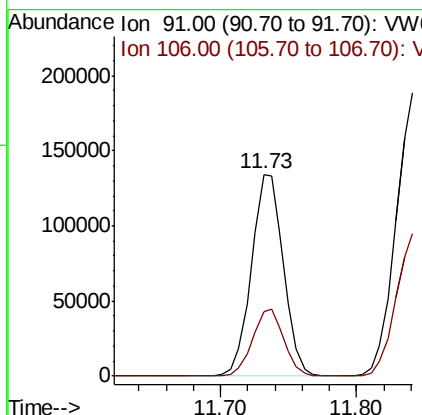
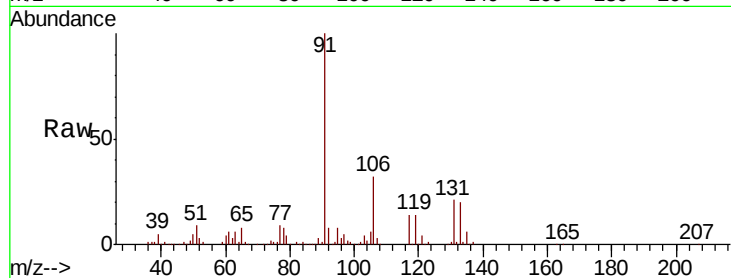
#67
Ethyl Benzene
Concen: 20.366 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.3	39.5

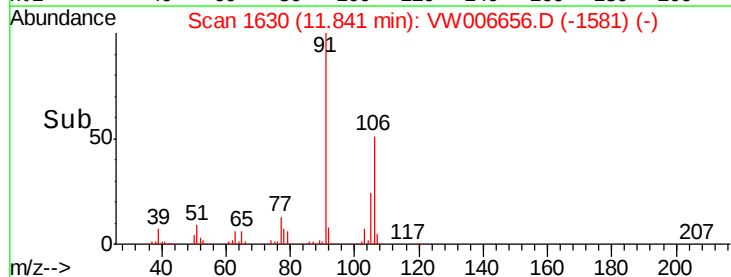
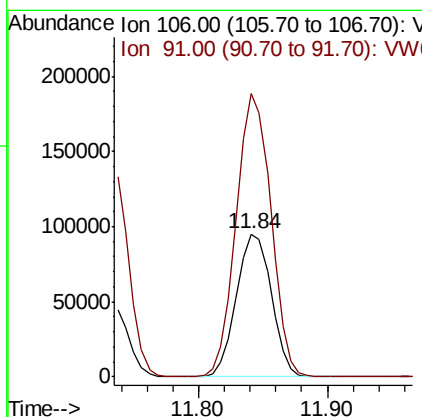
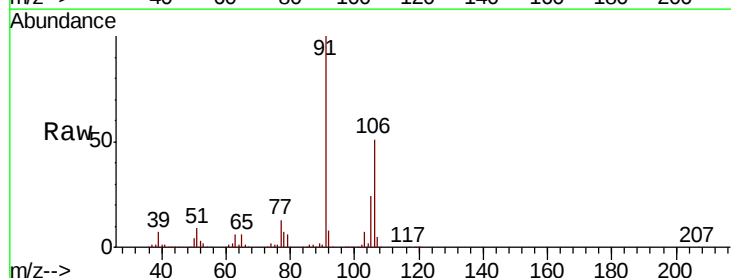
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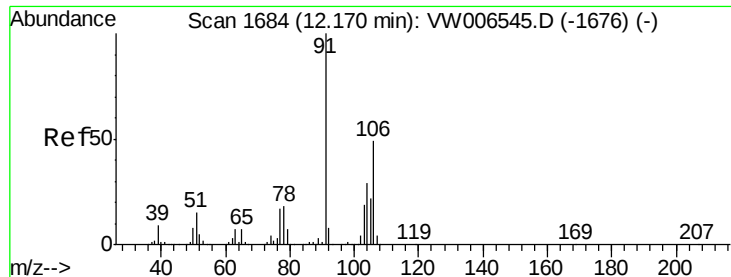
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#68
m/p-Xylenes
Concen: 41.378 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.4	156.7	235.1





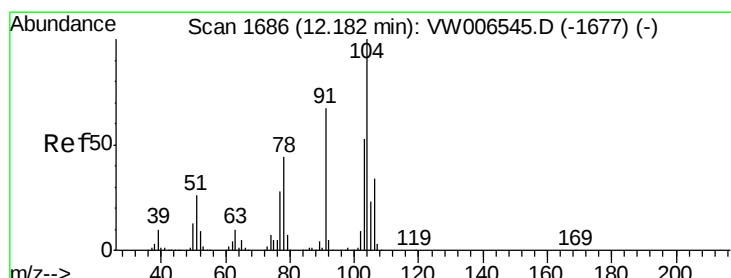
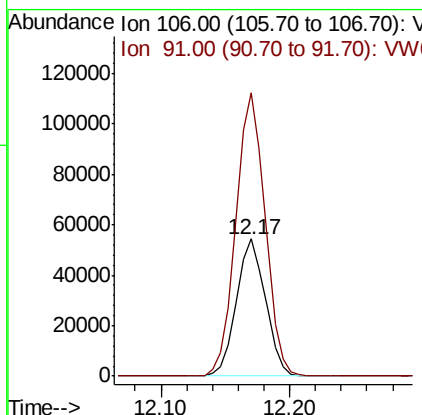
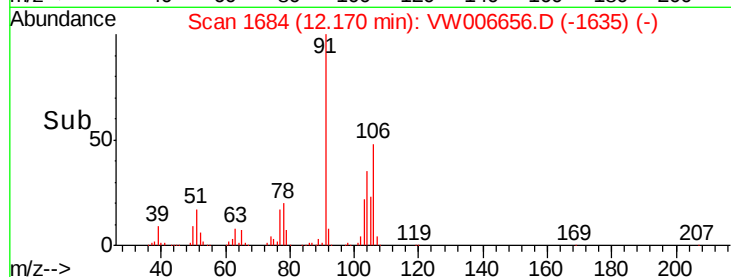
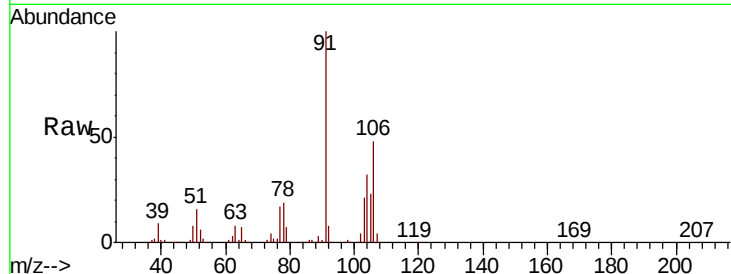
#69
o-Xylene
Concen: 20.625 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion:106 Resp: 85246
Ion Ratio Lower Upper
106 100
91 207.6 102.8 308.4

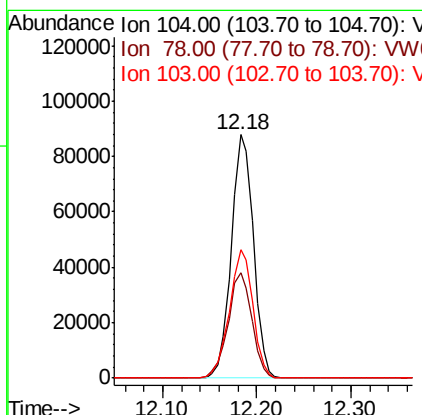
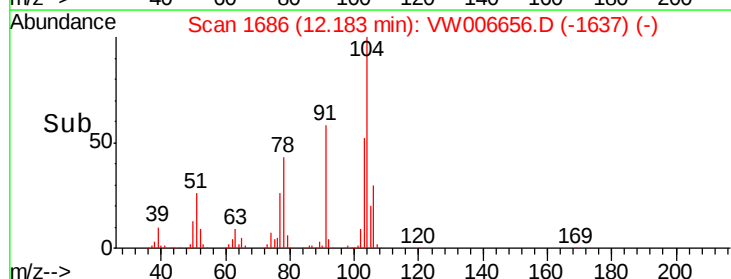
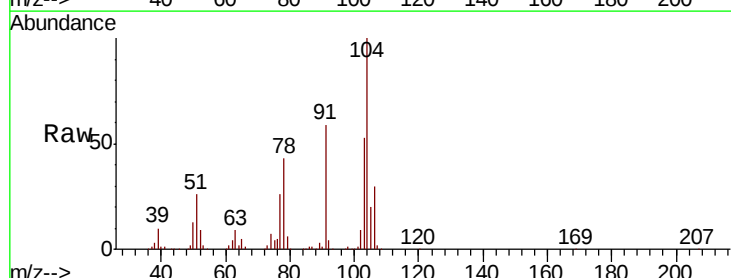
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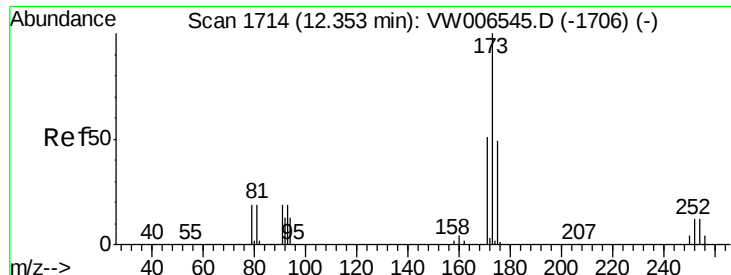
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#70
Styrene
Concen: 21.252 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion:104 Resp: 143205
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.7 44.2 66.2





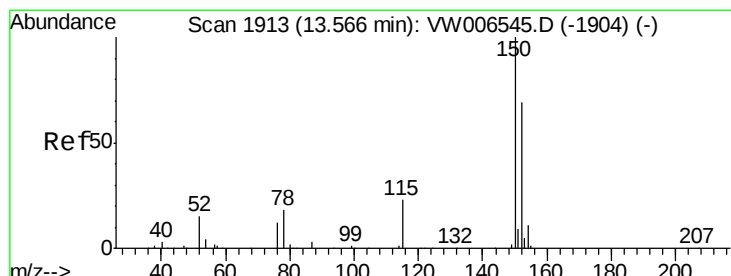
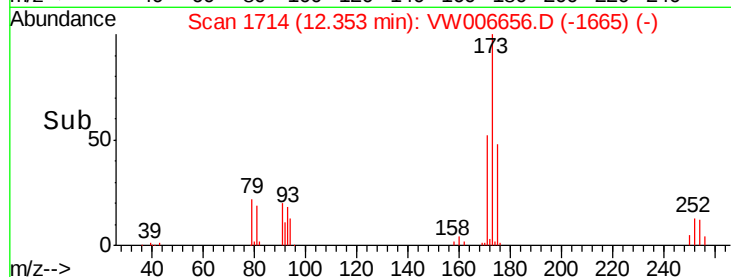
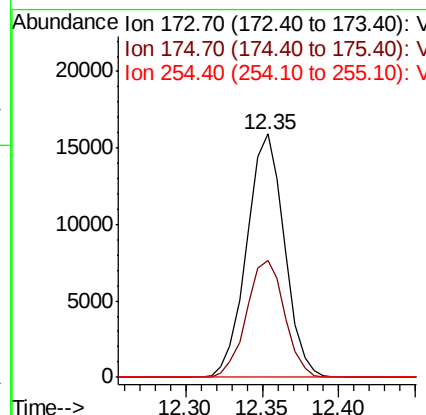
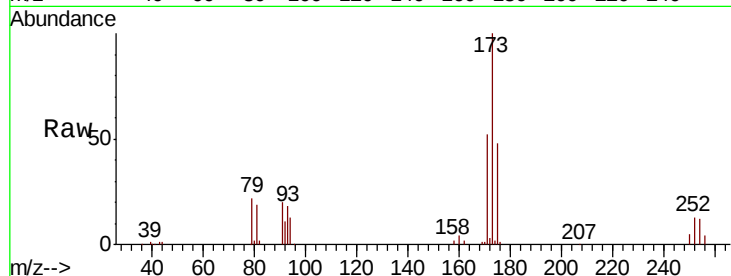
#71
Bromoform
Concen: 22.462 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.0	0.1	0.1#

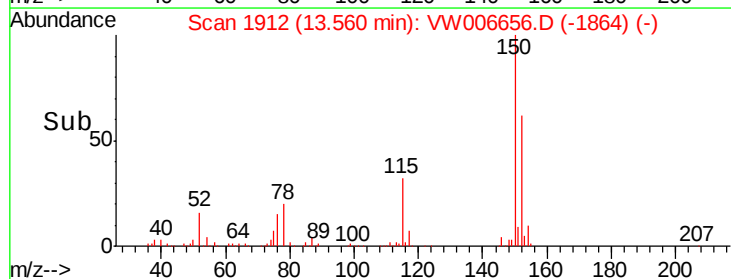
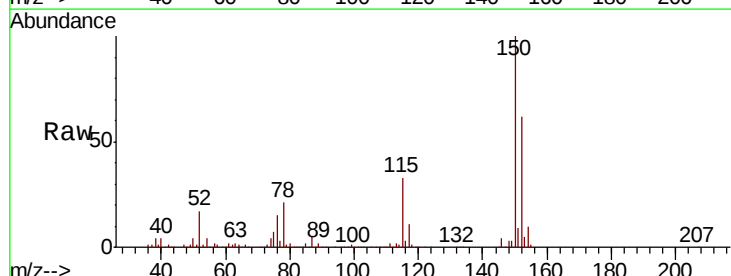
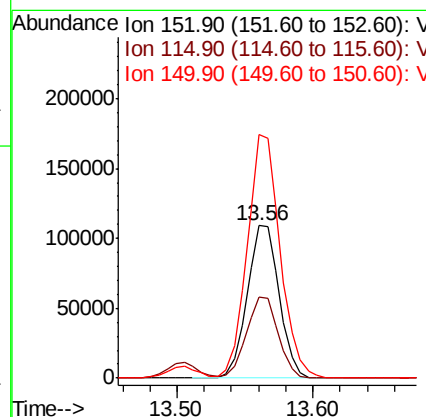
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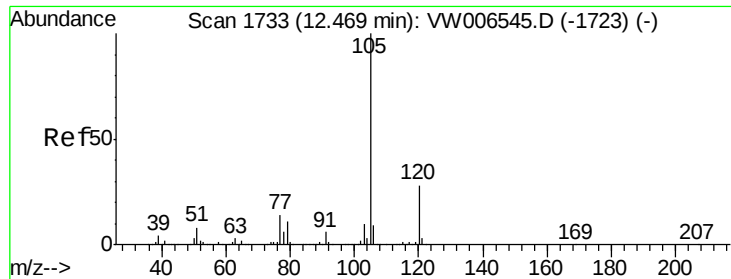
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.6	79.8
150	163.9	0.0	344.6





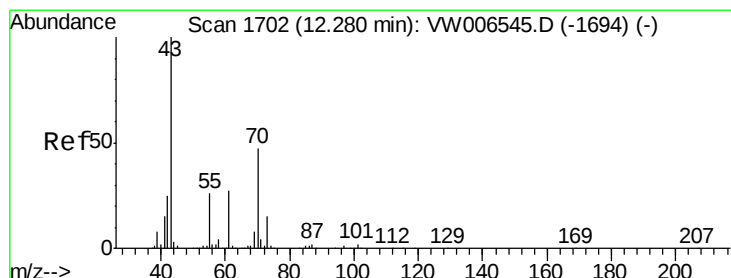
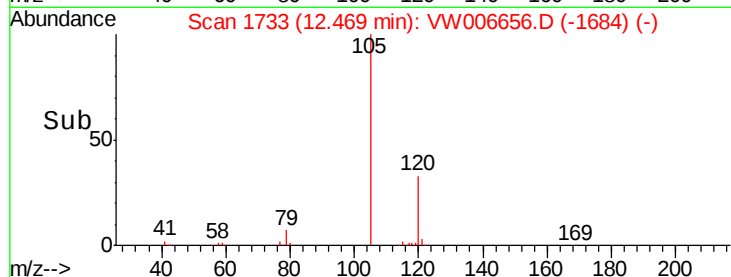
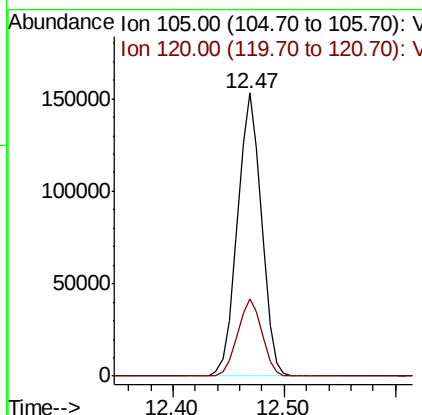
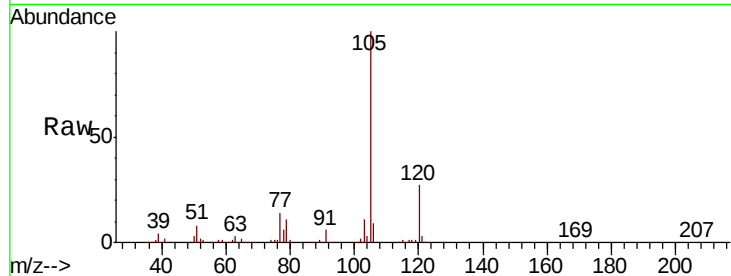
#73
Isopropylbenzene
Concen: 19.412 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.7	41.1

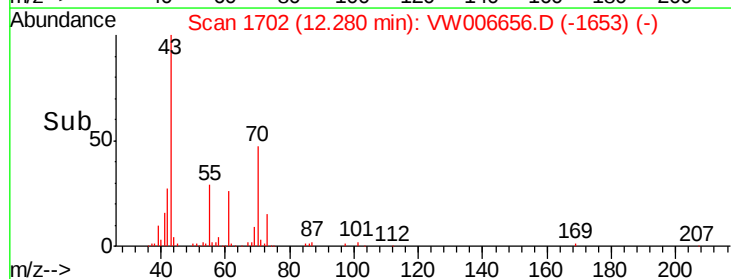
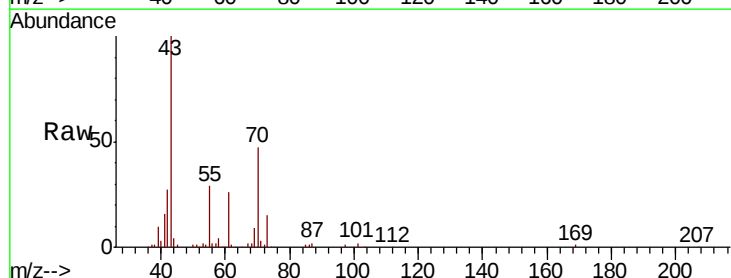
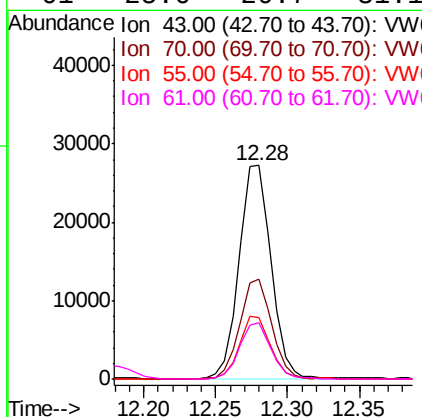
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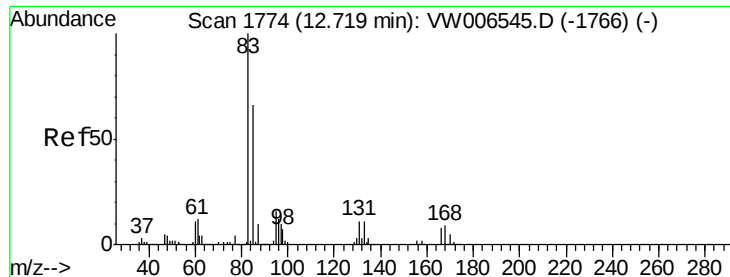
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#74
N-ethyl acetate
Concen: 20.709 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.8	36.9	55.3
55	28.5	20.7	31.1
61	25.6	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.163 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

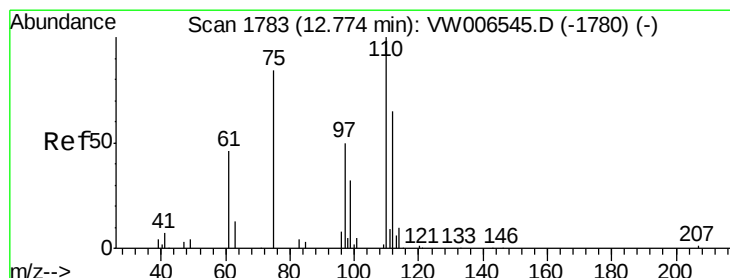
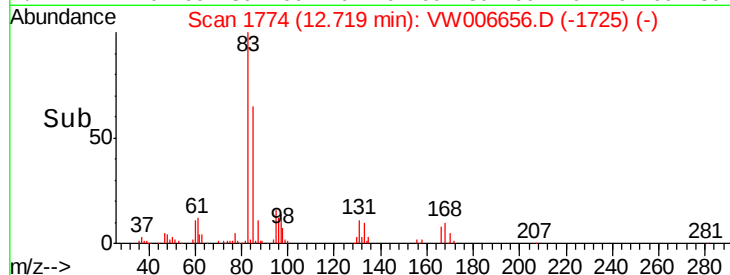
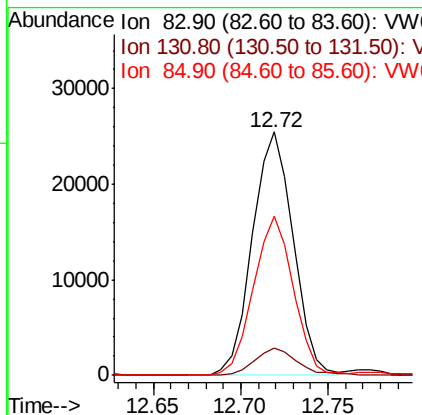
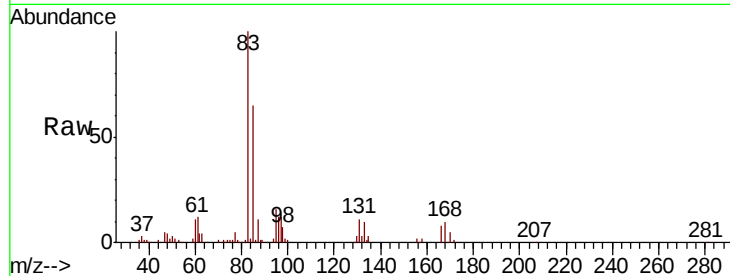
ClientSampleId :

VW1105SBSD02

Tot Ion:	83	Resp:	41273
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.7
85	64.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.070 ug/l m

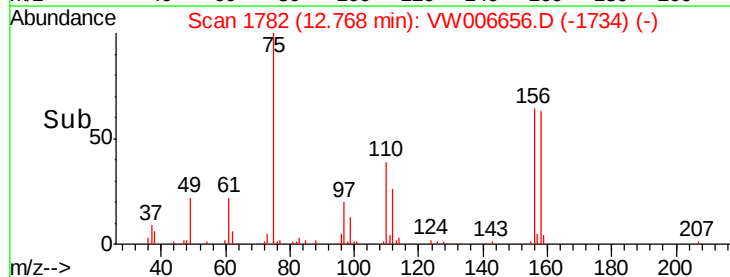
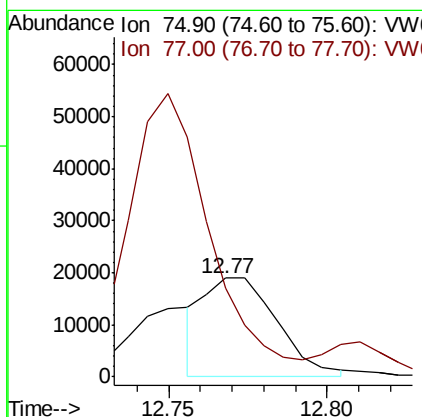
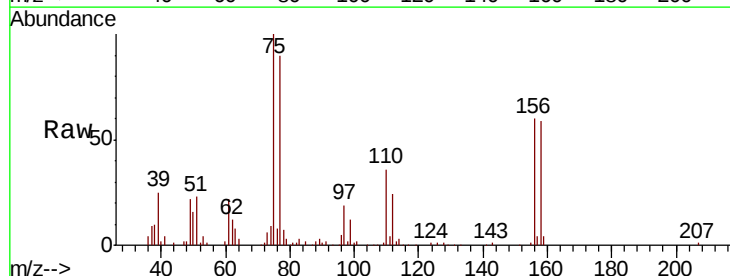
RT: 12.77 min Scan# 1782

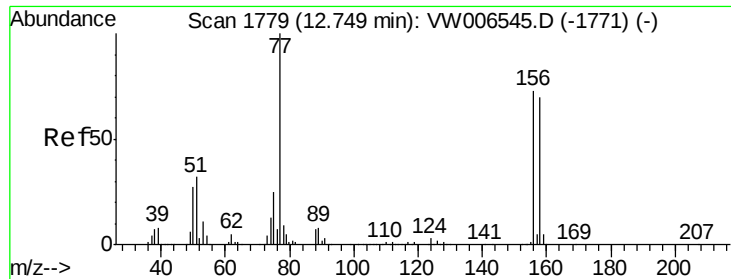
Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion:	75	Resp:	30821
Ion Ratio	Lower	Upper	
75	100		
77	319.4	0.0	0.0#





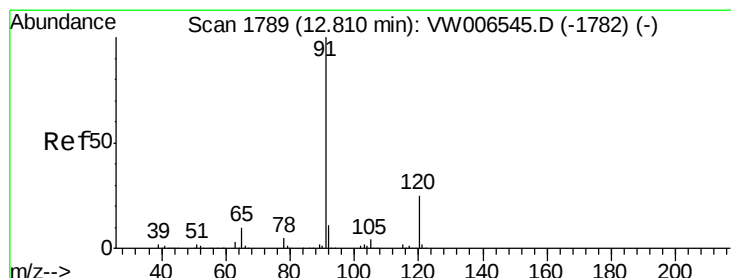
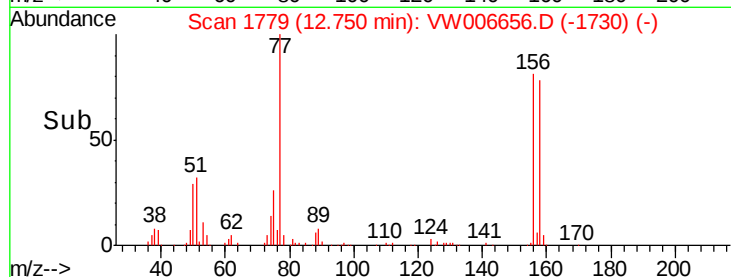
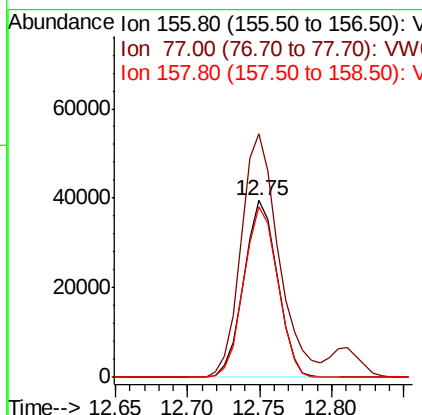
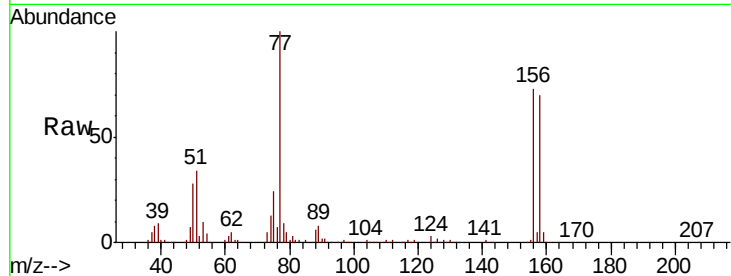
#77
Bromobenzene
Concen: 20.910 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.2	75.9	227.8
158	97.6	48.6	145.9

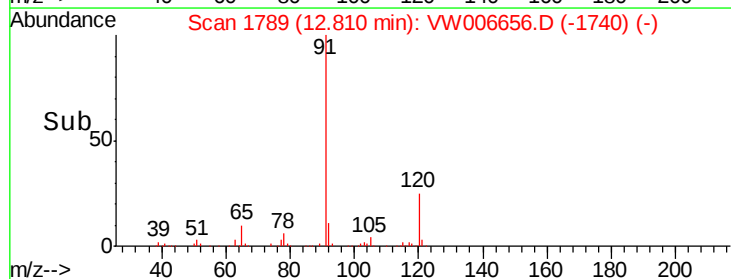
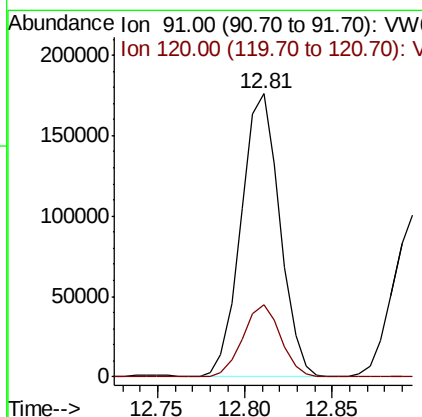
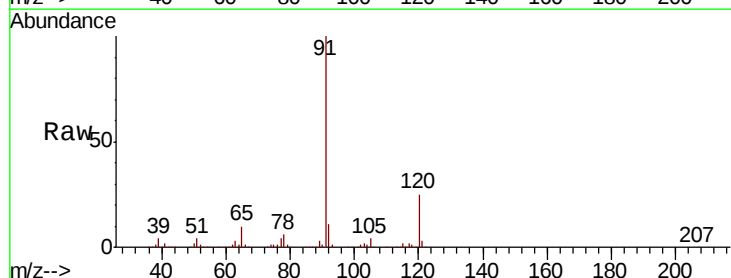
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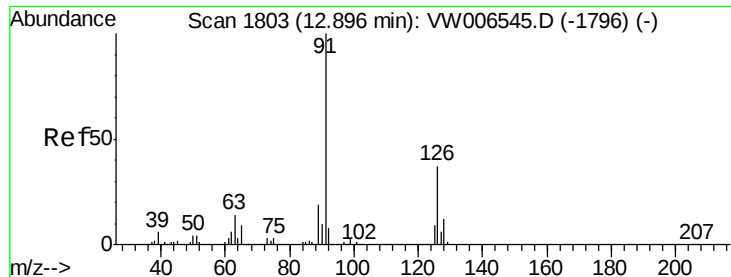
apatel
11/6/2018 8:16:13 AM



#78
n-propylbenzene
Concen: 19.939 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.0





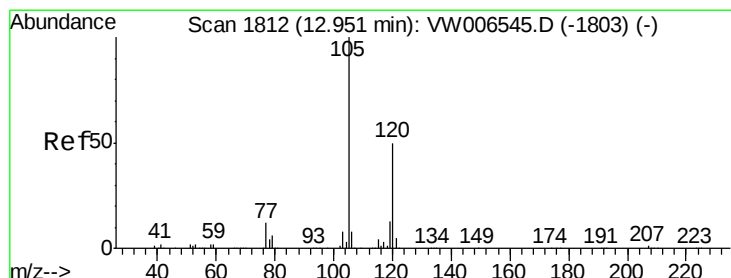
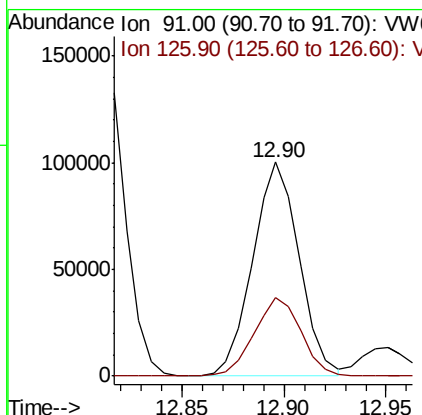
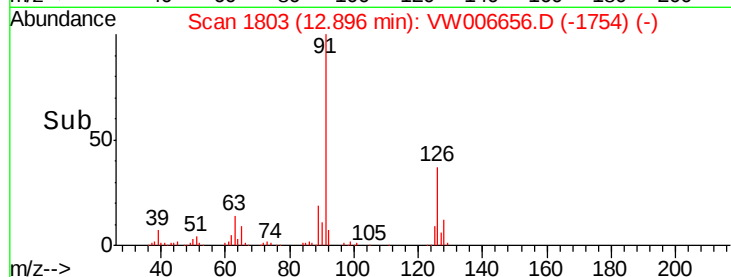
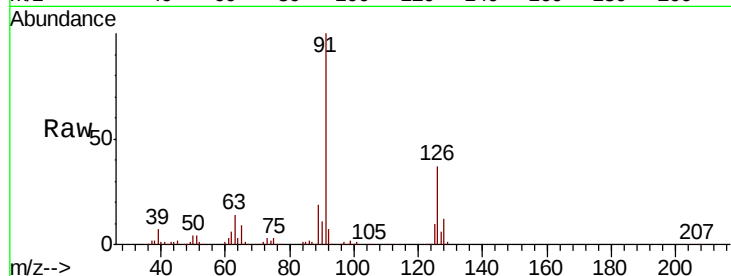
#79
2-Chlorotoluene
Concen: 20.332 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.5	55.5

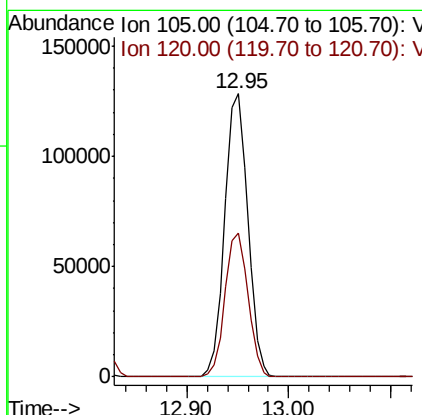
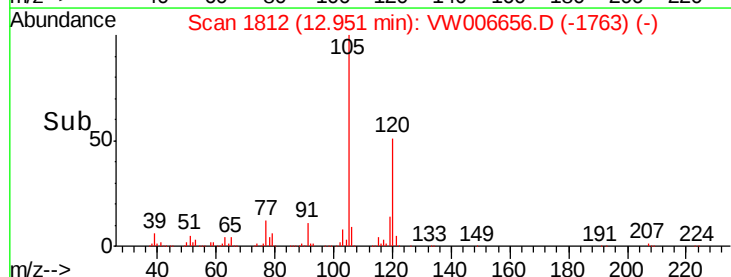
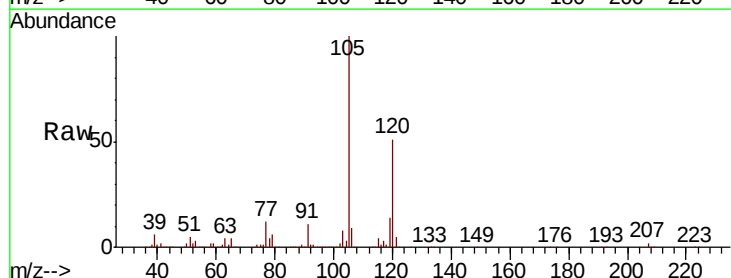
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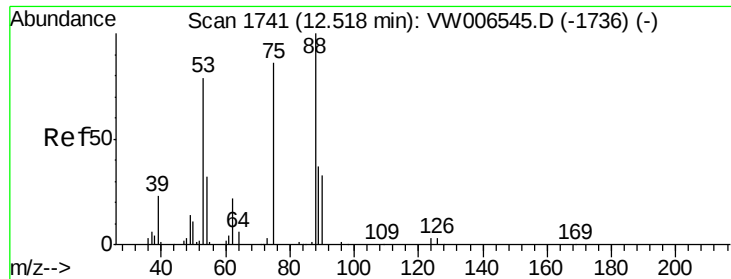
apatel
11/6/2018 8:16:13 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.384 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.1	75.3





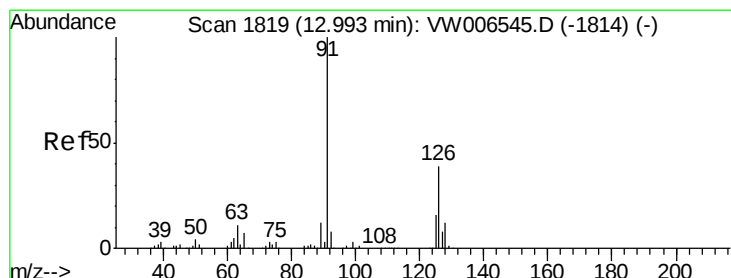
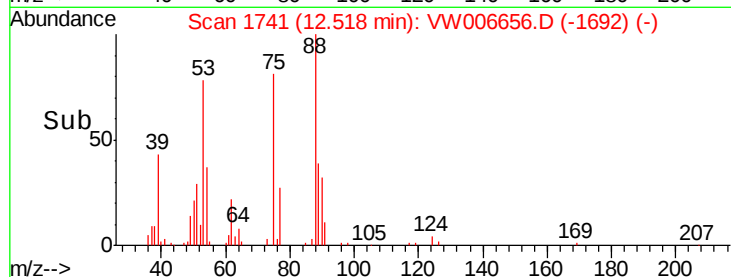
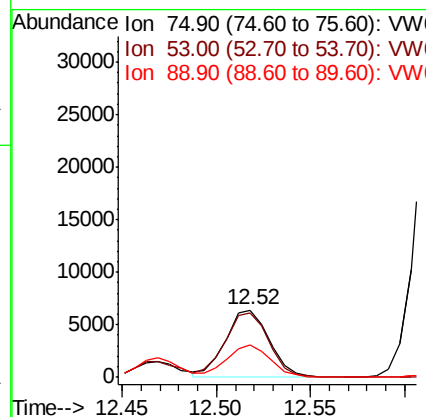
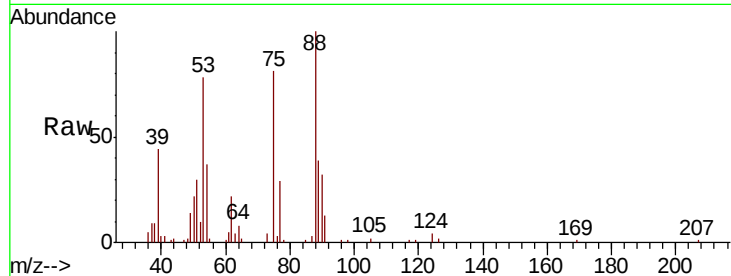
#81
trans-1,4-Dichloro-2-butene
Concen: 20.915 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	77.2	115.8
89	48.1	38.6	58.0

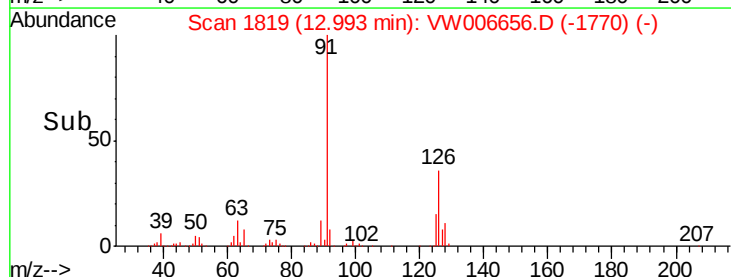
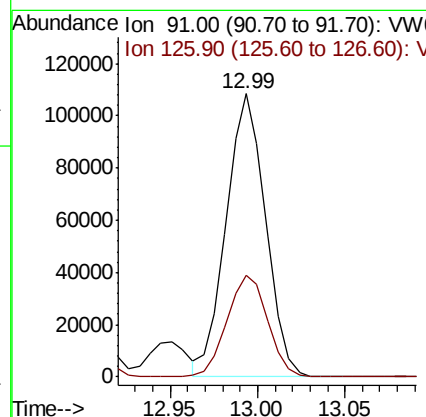
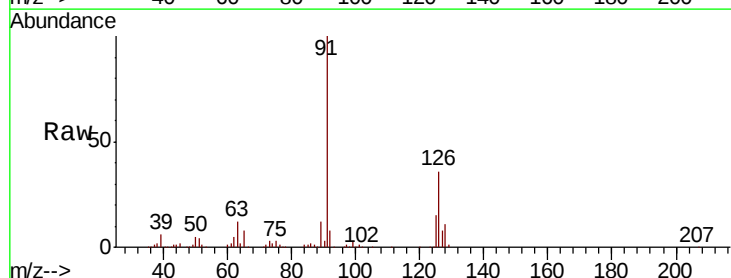
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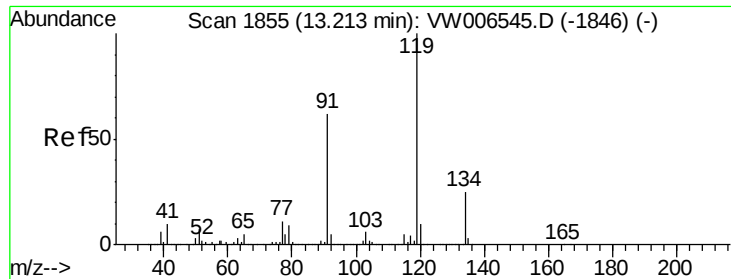
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#82
4-Chlorotoluene
Concen: 20.573 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5





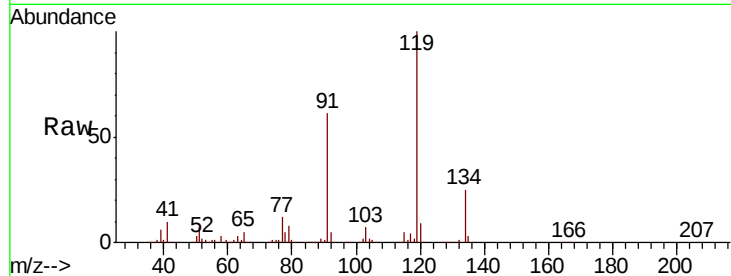
#83
tert-Butylbenzene
Concen: 19.760 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

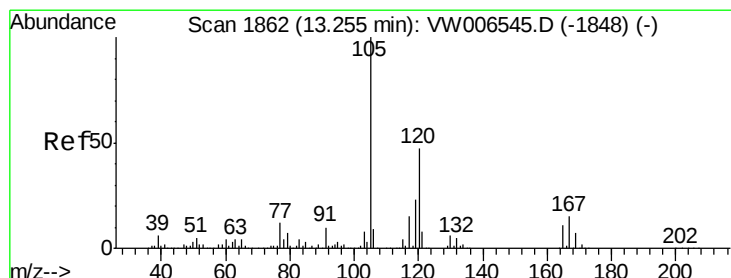
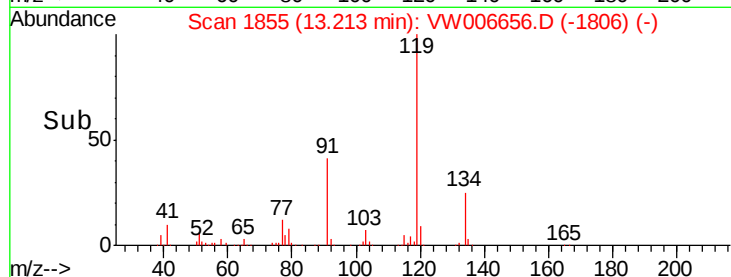
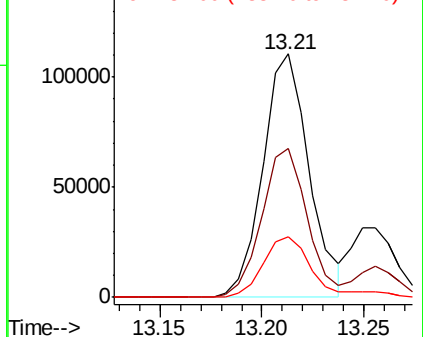
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.4	91.3
134	27.1	13.5	40.4

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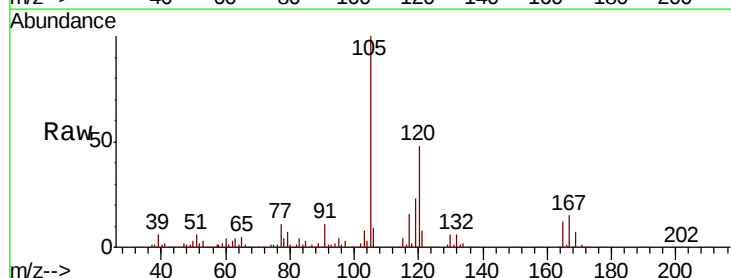


Abundance Ion 119.00 (118.70 to 119.70): V
150000
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

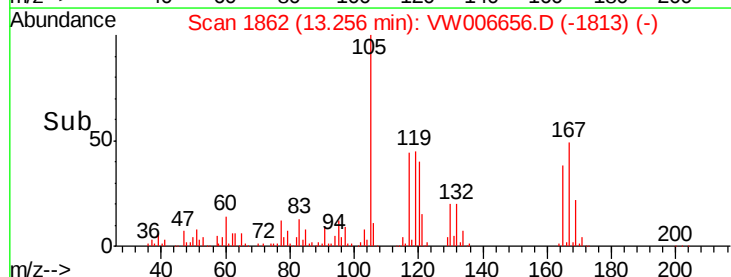
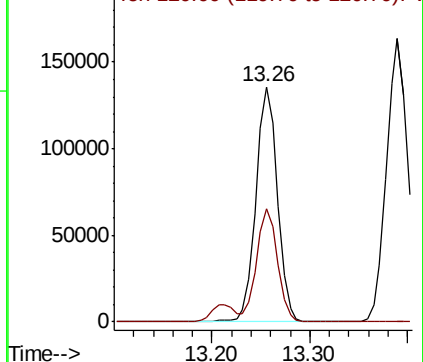


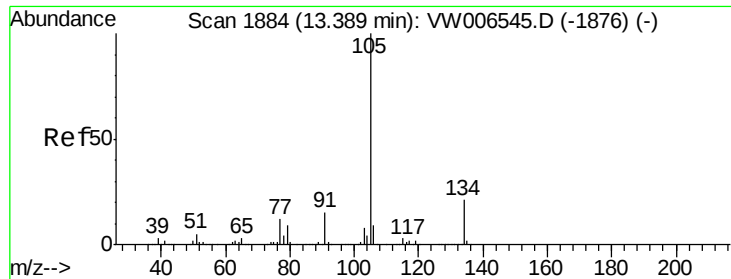
#84
1,2,4-Trimethylbenzene
Concen: 20.375 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.6



Abundance Ion 105.00 (104.70 to 105.70): V
150000
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.836 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

Tot Ion:105 Resp: 245414

Ion Ratio Lower Upper

105 100

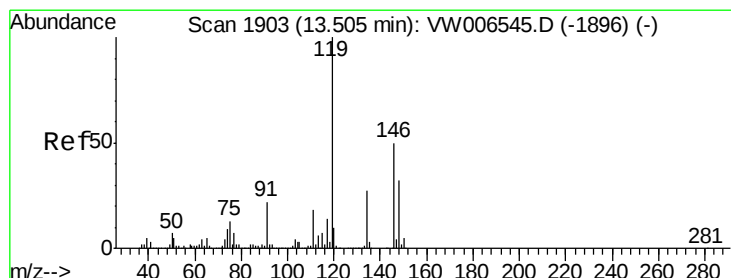
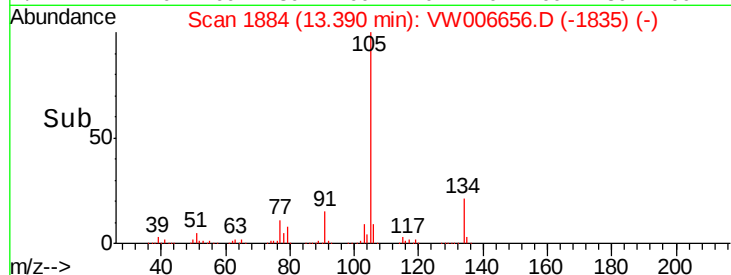
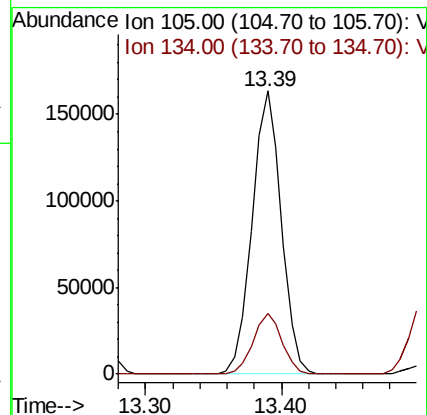
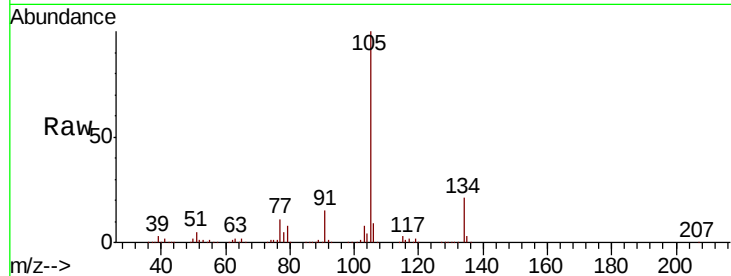
134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.773 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

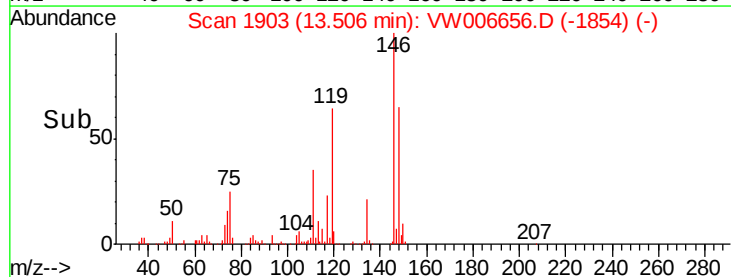
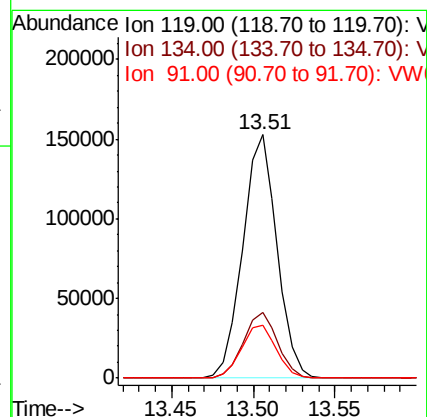
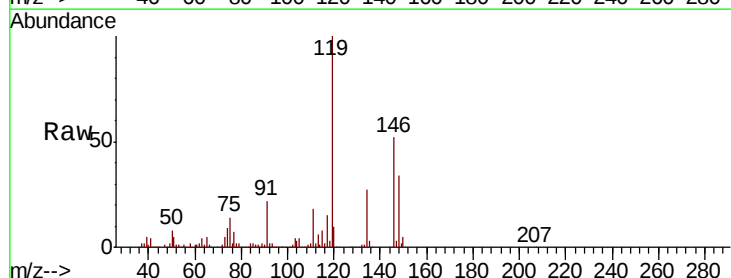
Tgt Ion:119 Resp: 222599

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.3 10.9 32.6





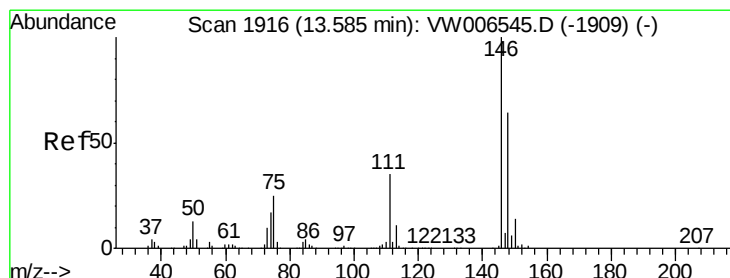
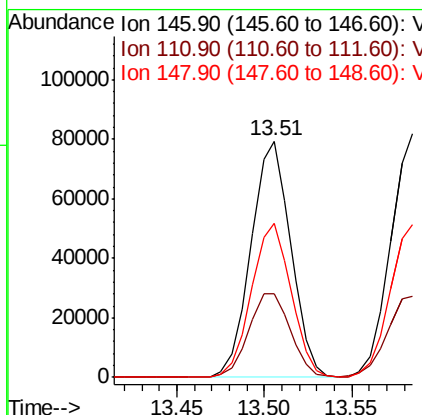
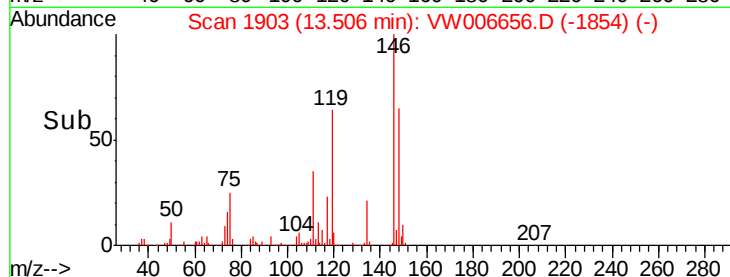
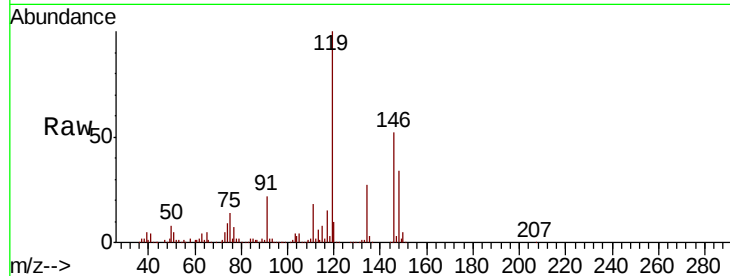
#87
 1,3-Dichlorobenzene
 Concen: 20.871 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	65.3	32.1	96.3

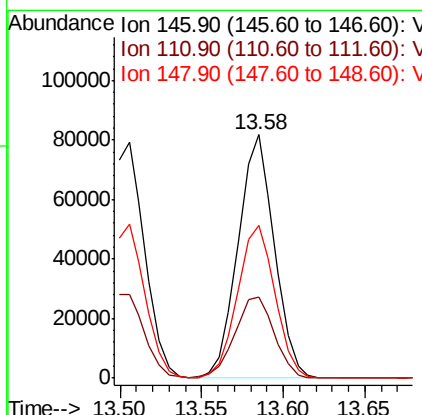
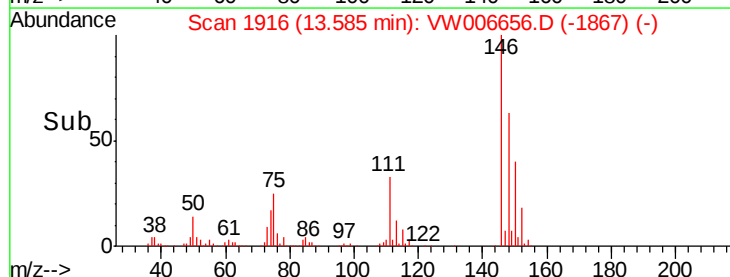
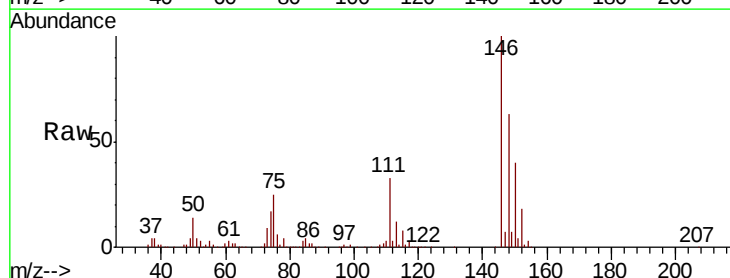
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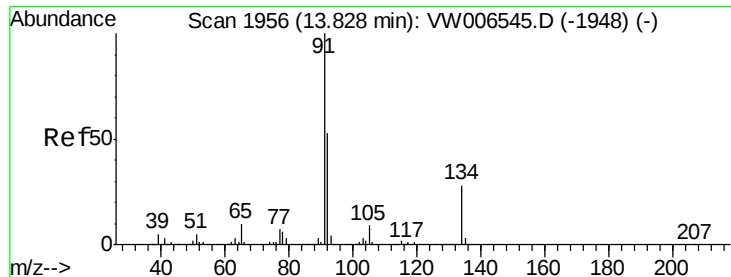
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#88
 1,4-Dichlorobenzene
 Concen: 21.296 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.9	53.7
148	64.5	32.1	96.5





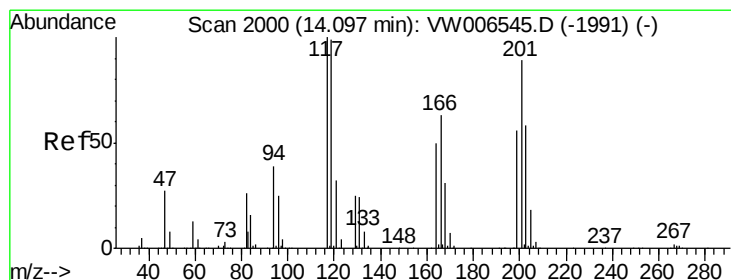
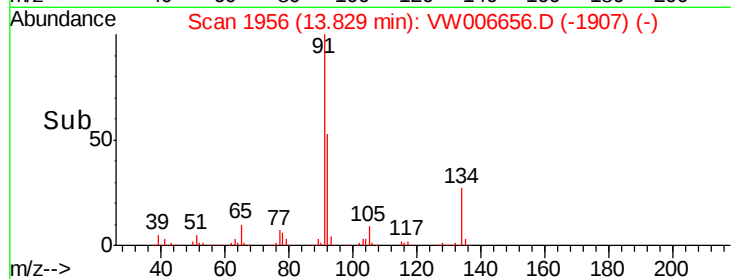
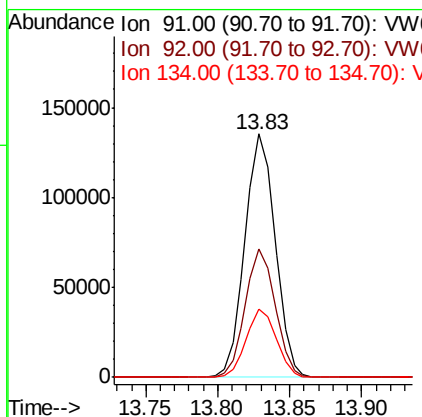
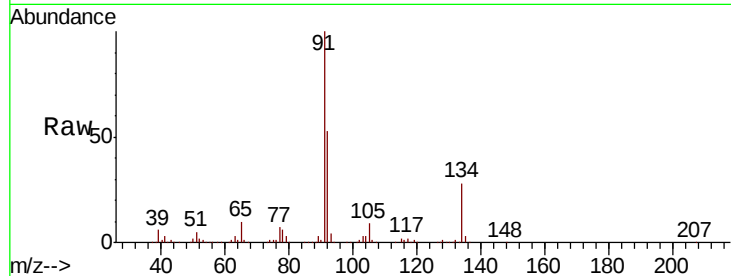
#89
n-Butylbenzene
Concen: 19.766 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	197525		
92	52.2		26.4	79.0
134	27.8		14.3	42.9

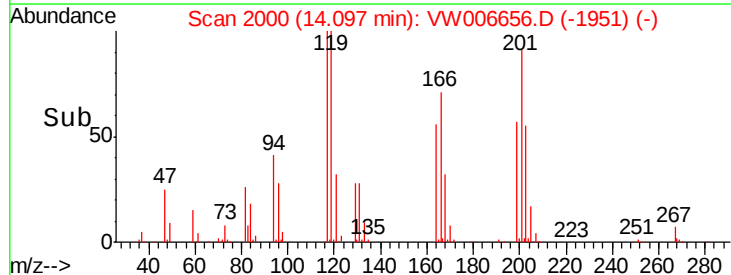
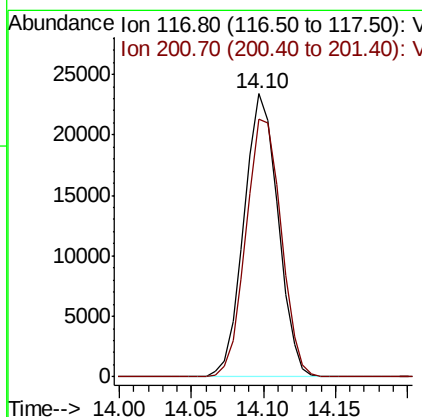
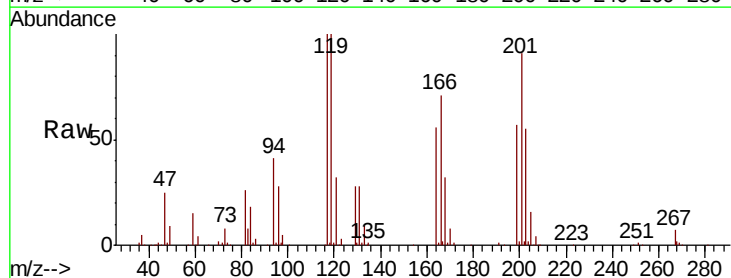
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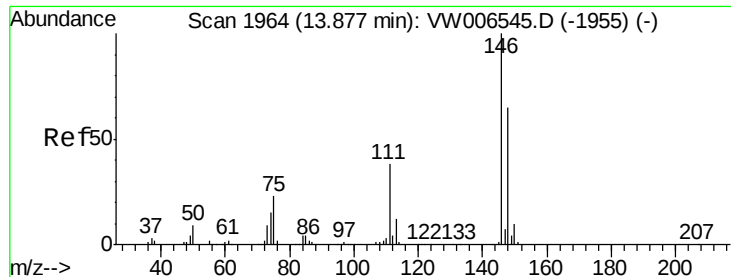
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#90
Hexachloroethane
Concen: 20.720 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38336		
201	94.1		46.8	140.3





#91

1,2-Dichlorobenzene

Concen: 21.221 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

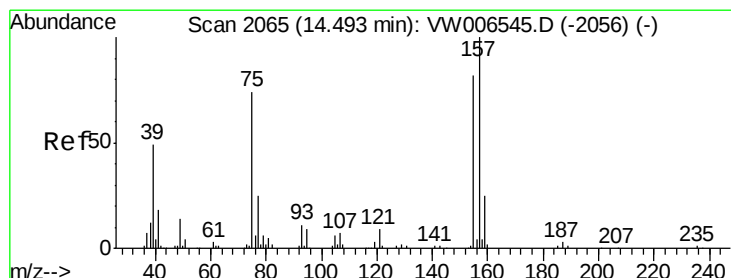
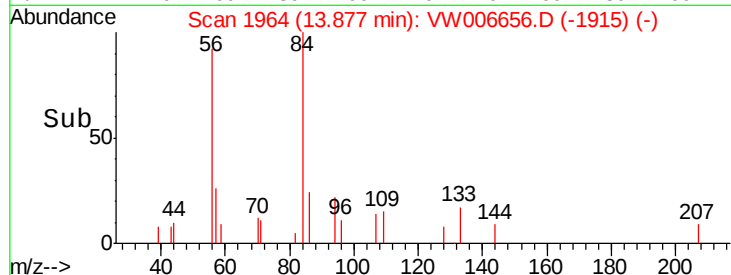
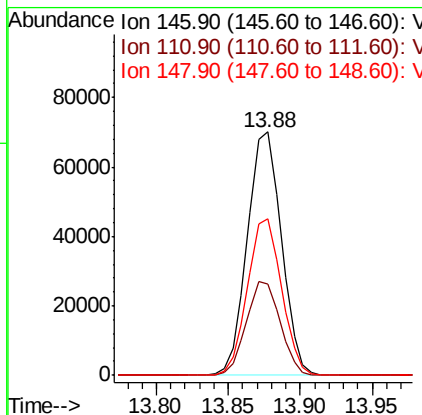
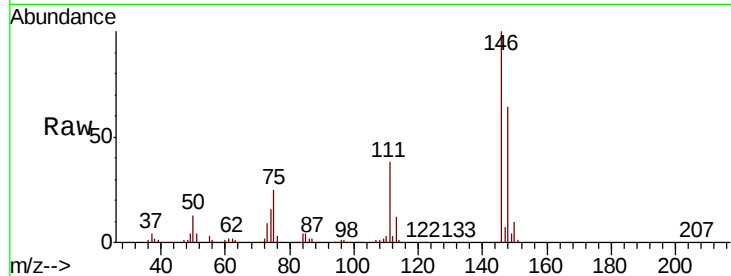
ClientSampleId :

VW1105SBS02

Tot Ion:	146	Resp:	114762
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.1	57.5
148	64.3	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.524 ug/l

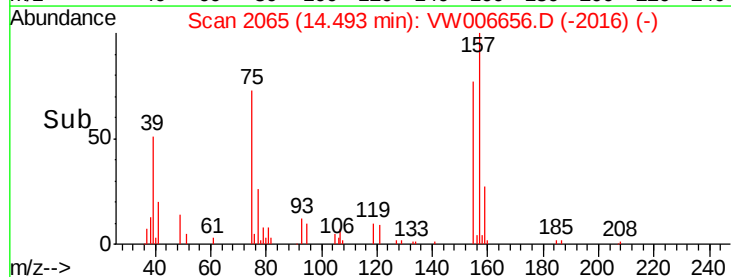
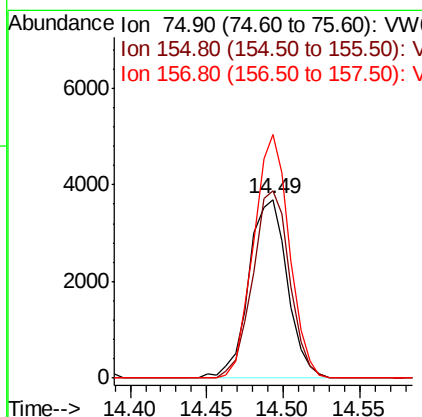
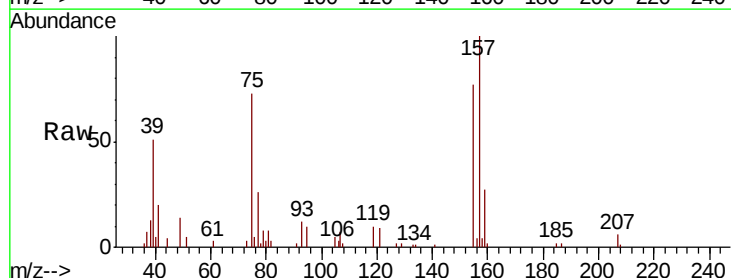
RT: 14.49 min Scan# 2065

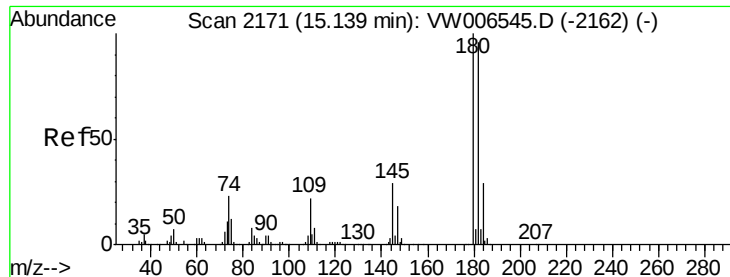
Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion:	75	Resp:	6504
Ion Ratio	Lower	Upper	
75	100		
155	100.2	50.6	151.8
157	125.9	65.0	195.0





#93

1,2,4-Trichlorobenzene

Concen: 20.742 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

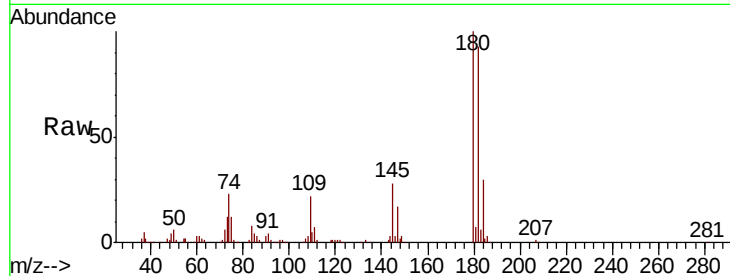
ClientSampleId :

VW1105SBS02

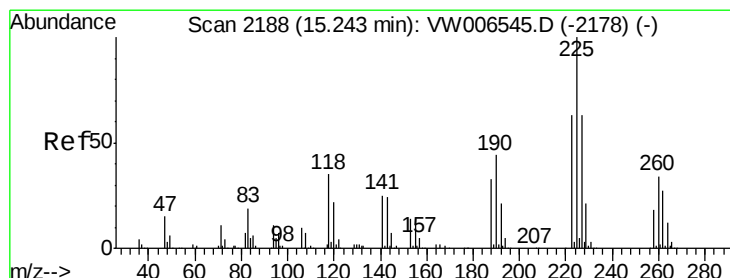
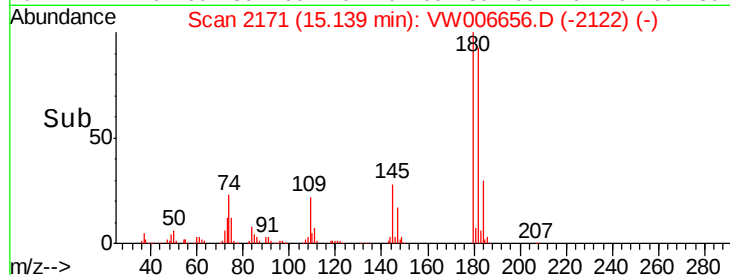
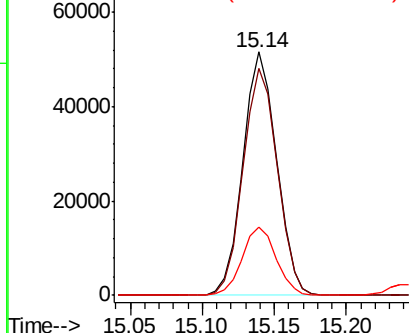
Tot Ion:	180	Resp:	83409
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.5	142.6
145	28.4	14.0	42.0

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.094 ug/l

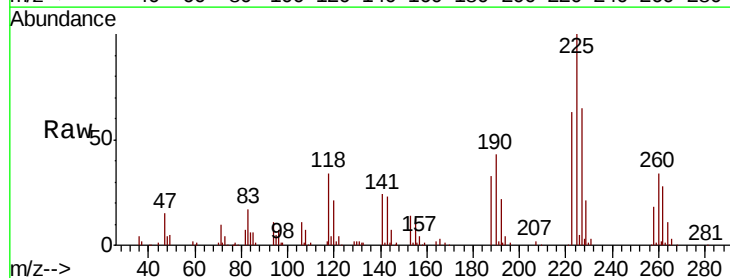
RT: 15.24 min Scan# 2188

Delta R.T. 0.00 min

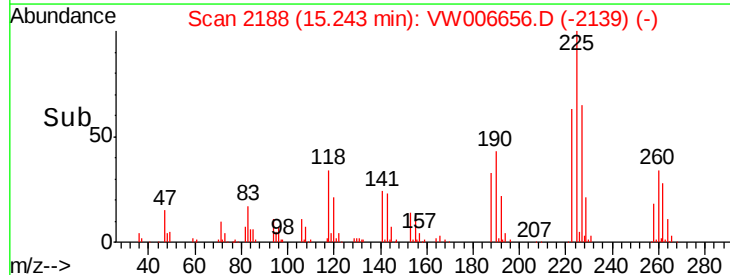
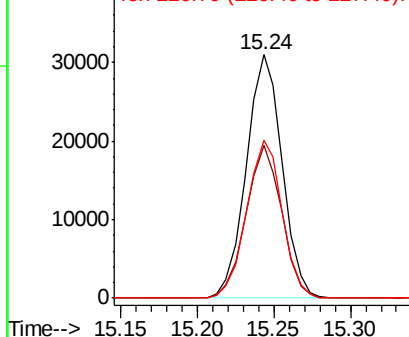
Lab File: VW006656.D

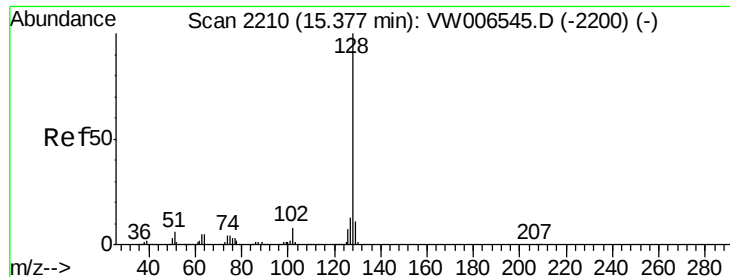
Acq: 06 Nov 2018 01:35

Tgt Ion:	225	Resp:	50360
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.4	94.2
227	64.4	32.2	96.6



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





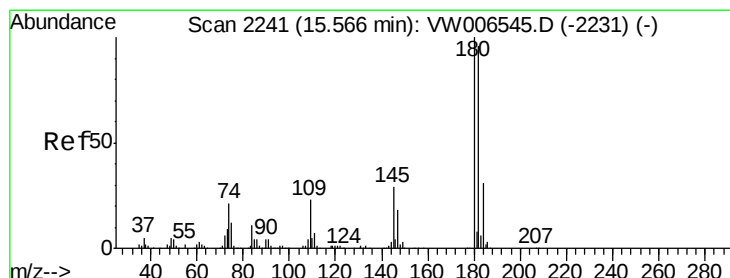
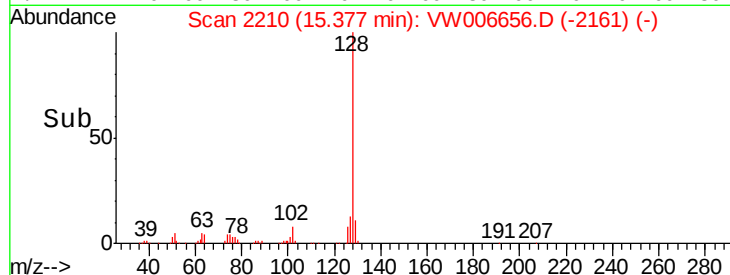
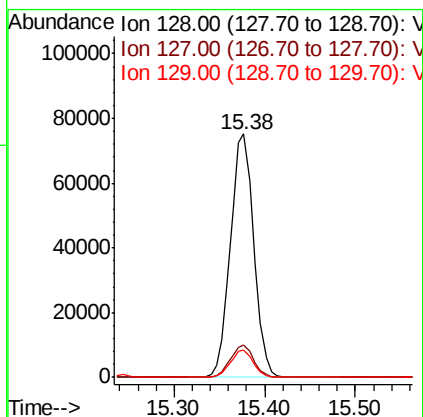
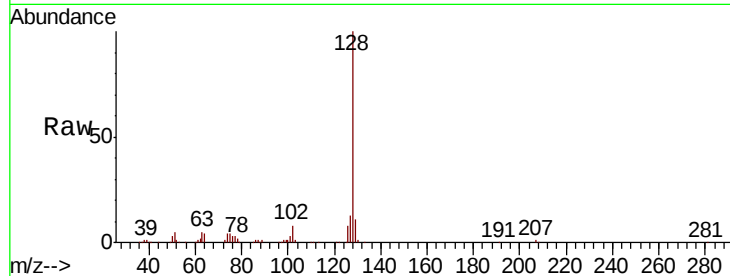
#95
Naphthalene
Concen: 20.782 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.124 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.2	144.6
145	30.0	14.9	44.5

