

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005658.D
 Acq On : 26 Sep 2018 17:41
 Operator : VA/AP
 Sample : VW0926SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBSD01

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:33:43 AM

Quant Time: Sep 27 06:53:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	322360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127687	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	7.88	113	103532	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.33	98	415546	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	160513	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29468	20.815	ug/l	94
3) Chloromethane	2.21	50	28087	16.200	ug/l	98
4) Vinyl Chloride	2.37	62	43440	20.962	ug/l	96
5) Bromomethane	2.78	94	27202	19.423	ug/l	96
6) Chloroethane	2.92	64	25401	19.102	ug/l	91
7) Trichlorofluoromethane	3.26	101	28237	17.421	ug/l	90
8) Diethyl Ether	3.68	74	22112	20.885	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41687	20.318	ug/l	98
10) Methyl Iodide	4.26	142	62526	19.816	ug/l	99
11) Tert butyl alcohol	5.21	59	15948	120.338	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	40484	20.610	ug/l	94
13) Acrolein	3.89	56	9416	95.145	ug/l	94
14) Allyl chloride	4.67	41	65856	19.211	ug/l	97
15) Acrylonitrile	5.37	53	48647	103.485	ug/l	98
16) Acetone	4.13	43	56350	136.803	ug/l	97
17) Carbon Disulfide	4.37	76	118887	19.372	ug/l	99
18) Methyl Acetate	4.68	43	22447	18.640	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	62588	20.644	ug/l	95
20) Methylene Chloride	4.92	84	51923	21.989	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	43033	20.002	ug/l	97
22) Diisopropyl ether	6.32	45	131281	19.728	ug/l	98
23) Vinyl Acetate	6.26	43	395458	103.970	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81580	19.842	ug/l	100
25) 2-Butanone	7.18	43	69546	112.699	ug/l	100
26) 2,2-Dichloropropane	7.17	77	58135	20.254	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47763	20.128	ug/l	98
28) Bromochloromethane	7.51	49	31509	19.347	ug/l	97
29) Tetrahydrofuran	7.54	42	40934	106.178	ug/l	99
30) Chloroform	7.68	83	87397	20.590	ug/l	96
31) Cyclohexane	7.96	56	75637	19.202	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	75153	20.042	ug/l	98
36) 1,1-Dichloropropene	8.09	75	68443	21.091	ug/l	100
37) Ethyl Acetate	7.26	43	29379	21.514	ug/l	98
38) Carbon Tetrachloride	8.07	117	73192	21.048	ug/l	97

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apatel
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79781	20.838	ug/l	99
40) Benzene	8.33	78	187388	20.381	ug/l	98
41) Methacrylonitrile	7.49	41	16932	21.789	ug/l	97
42) 1,2-Dichloroethane	8.40	62	61609	20.929	ug/l	99
43) Isopropyl Acetate	8.43	43	57382	21.372	ug/l	98
44) Trichloroethene	9.09	130	49196	20.904	ug/l	94
45) 1,2-Dichloropropane	9.37	63	44773	19.793	ug/l	96
46) Dibromomethane	9.46	93	23552	20.838	ug/l	98
47) Bromodichloromethane	9.65	83	61019	20.098	ug/l	99
48) Methyl methacrylate	9.44	41	26115	20.478	ug/l	95
49) 1,4-Dioxane	9.47	88	7192	400.245	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	145128	107.320	ug/l	100
52) Toluene	10.39	92	118328	20.626	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	63456	20.849	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	70189	20.582	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33395	20.816	ug/l	99
56) Ethyl methacrylate	10.65	69	41830	21.121	ug/l	98
57) 1,3-Dichloropropane	10.94	76	58356	20.524	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	96708	107.722	ug/l	97
59) 2-Hexanone	10.98	43	105414	114.750	ug/l	99
60) Dibromochloromethane	11.13	129	41755	21.541	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31894	21.322	ug/l	99
64) Tetrachloroethene	10.87	164	43121	20.198	ug/l	97
65) Chlorobenzene	11.66	112	131376	20.574	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	46936	20.423	ug/l	99
67) Ethyl Benzene	11.74	91	231964	20.466	ug/l	99
68) m/p-Xylenes	11.85	106	177520	41.456	ug/l	100
69) o-Xylene	12.17	106	82199	20.496	ug/l	100
70) Styrene	12.19	104	139515	20.672	ug/l	99
71) Bromoform	12.35	173	26138	21.426	ug/l #	98
73) Isopropylbenzene	12.47	105	236489	20.738	ug/l	100
74) N-amyl acetate	12.28	43	53207	20.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39986	21.110	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33978m	24.239	ug/l	
77) Bromobenzene	12.75	156	55811	20.881	ug/l	98
78) n-propylbenzene	12.81	91	287379	20.815	ug/l	99
79) 2-Chlorotoluene	12.90	91	164659	20.614	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	207045	20.880	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13319	21.400	ug/l	99
82) 4-Chlorotoluene	12.99	91	178813	21.187	ug/l	100
83) tert-Butylbenzene	13.21	119	172718	20.732	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	210824	21.068	ug/l	99
85) sec-Butylbenzene	13.39	105	254528	21.066	ug/l	100
86) p-Isopropyltoluene	13.51	119	232758	21.493	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	114820	21.009	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111981	20.601	ug/l	98
89) n-Butylbenzene	13.83	91	218112	21.352	ug/l	98
90) Hexachloroethane	14.10	117	39978	20.367	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	103469	21.446	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7940	22.001	ug/l	97

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	75077	21.814	ug/l	100
94) Hexachlorobutadiene	15.24	225	47397	21.257	ug/l	97
95) Naphthalene	15.38	128	128032	22.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	66338	21.871	ug/l	99

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

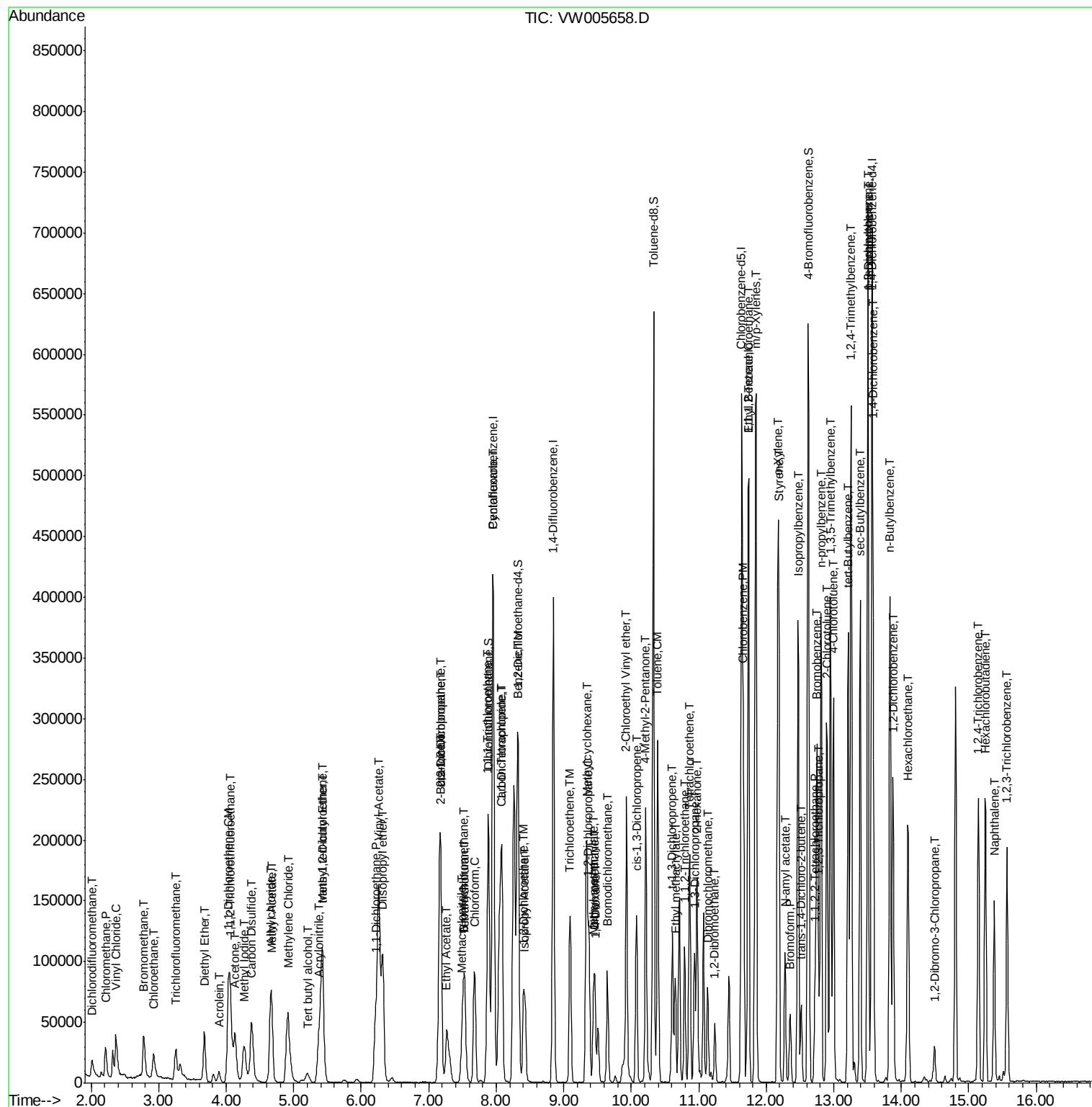
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Data File : VW005658.D
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Operator : VA/AP
Sample : VW0926SBSD01
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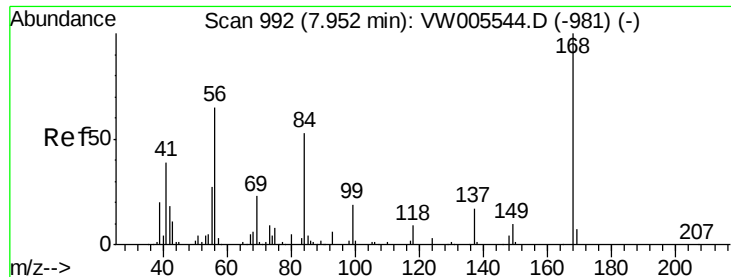
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBSD01

Tot Ion:168 Resp: 215673

Ion Ratio Lower Upper

168 100

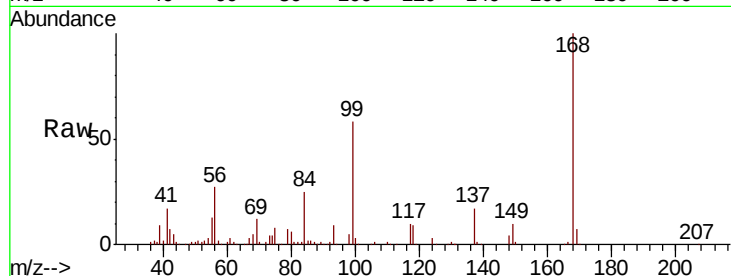
99 58.2 48.4 72.6

Manual Integrations

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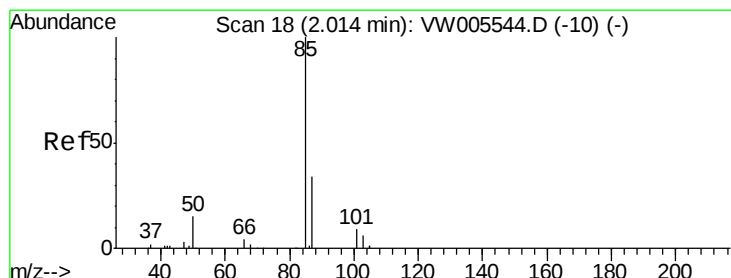
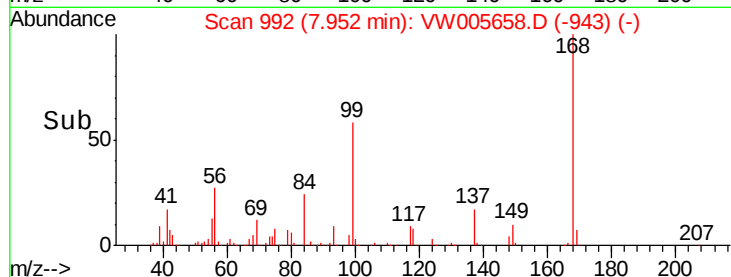
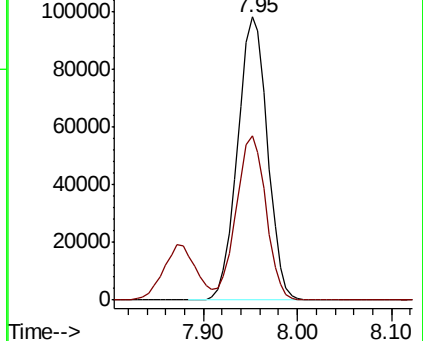
apatel

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.815 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005658.D

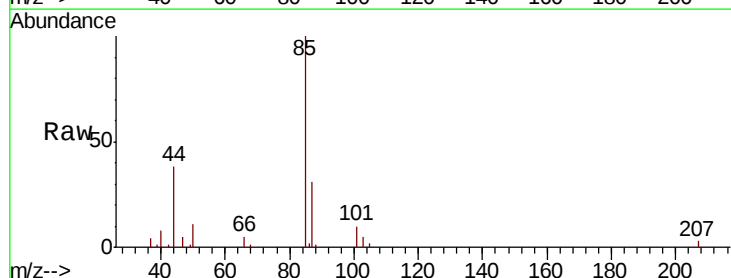
Acq: 26 Sep 2018 17:41

Tgt Ion: 85 Resp: 29468

Ion Ratio Lower Upper

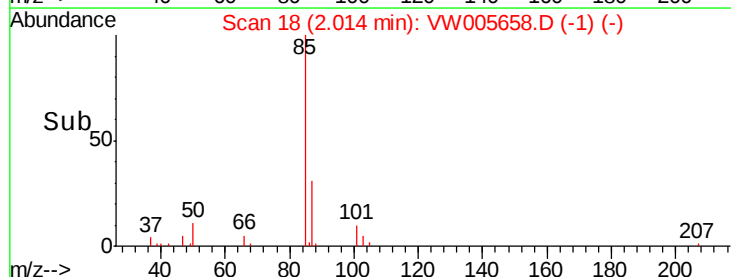
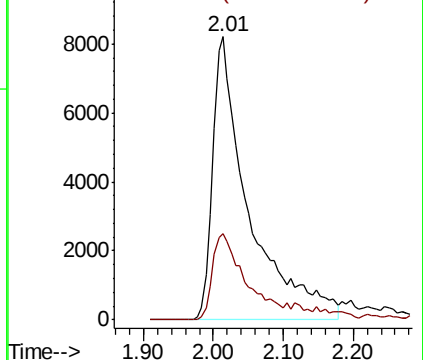
85 100

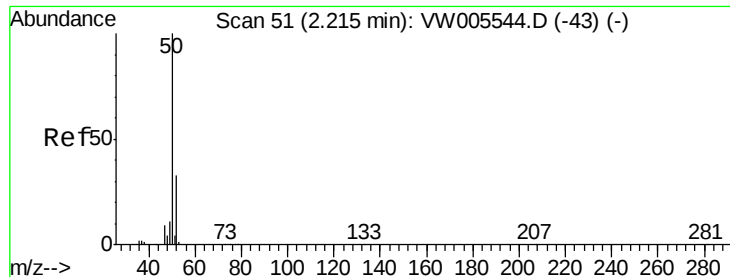
87 30.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 16.200 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBSD01

Tot Ion: 50 Resp: 28087

Ion Ratio Lower Upper

50 100

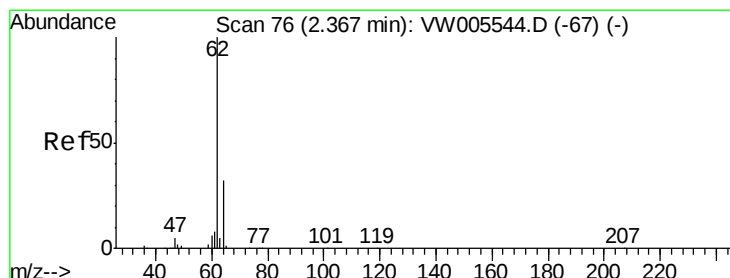
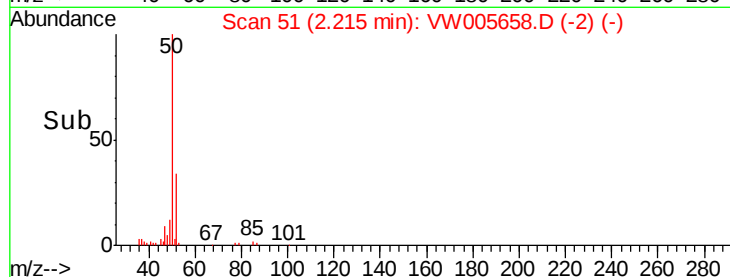
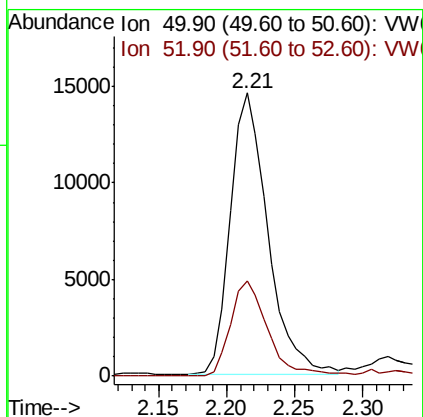
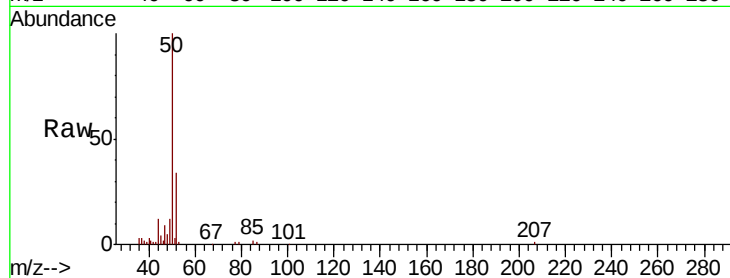
52 33.7 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.962 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005658.D

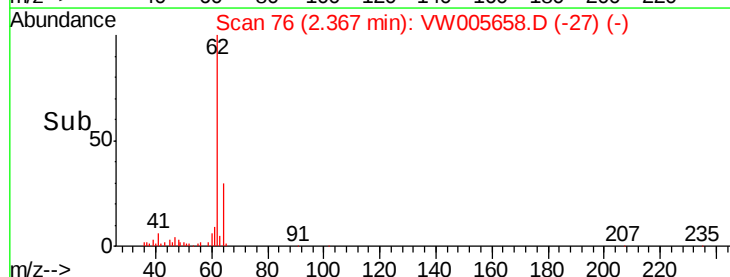
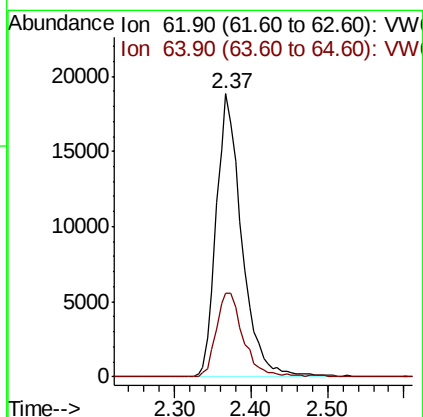
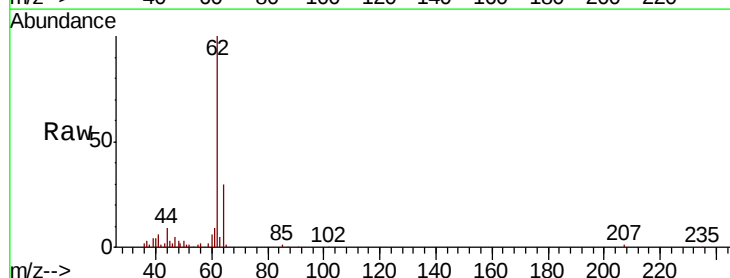
Acq: 26 Sep 2018 17:41

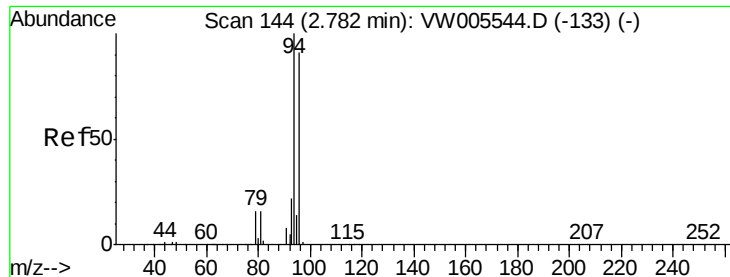
Tgt Ion: 62 Resp: 43440

Ion Ratio Lower Upper

62 100

64 29.7 25.7 38.5





#5

Bromomethane

Concen: 19.423 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

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ClientSampleId :

VW0926SBSD01

Tot Ion: 94 Resp: 27202

Ion Ratio Lower Upper

94 100

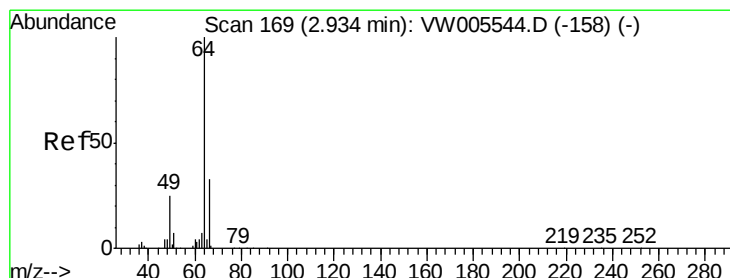
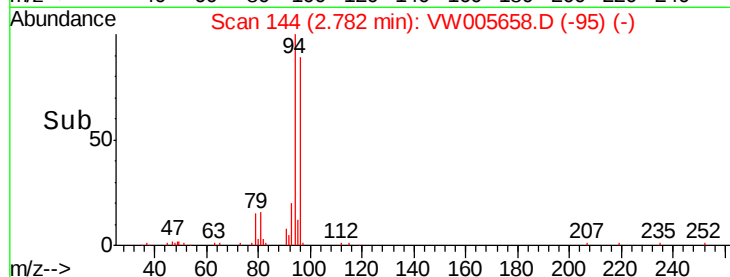
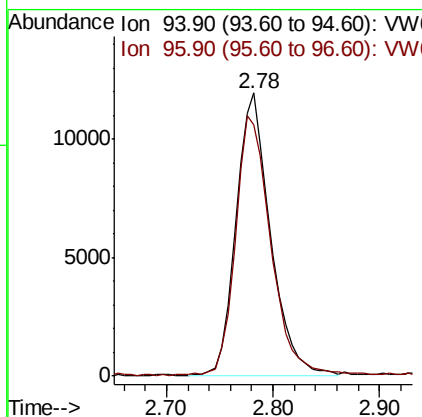
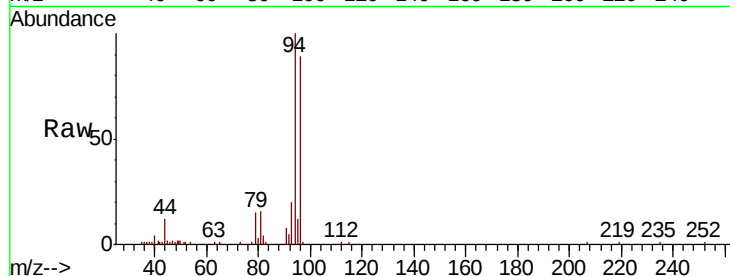
96 88.1 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 19.102 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW005658.D

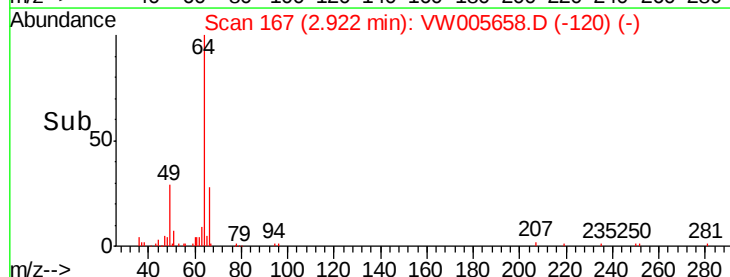
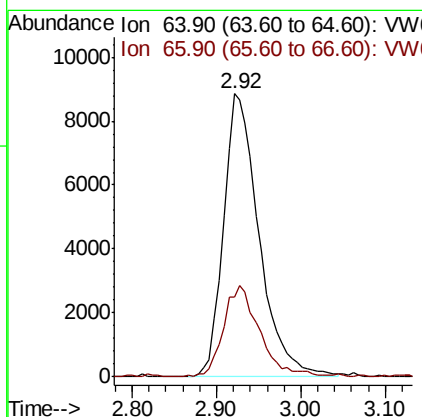
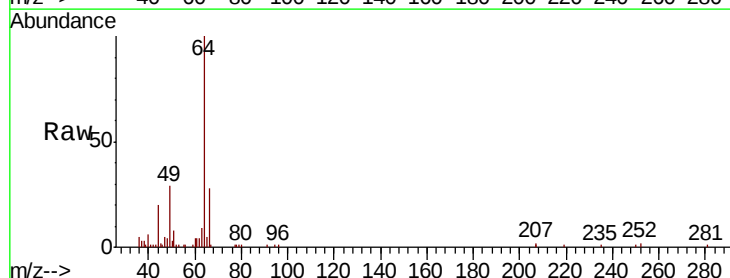
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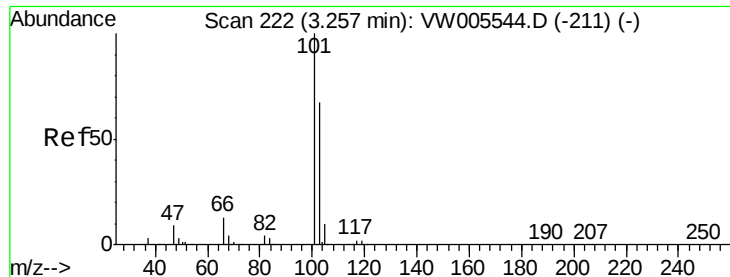
Tgt Ion: 64 Resp: 25401

Ion Ratio Lower Upper

64 100

66 27.7 26.0 39.0





#7

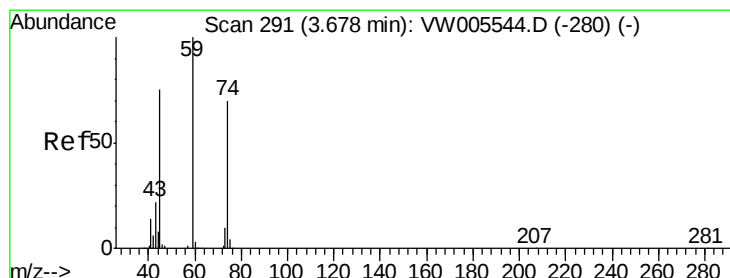
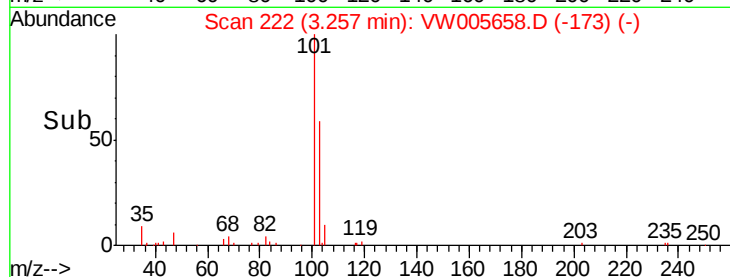
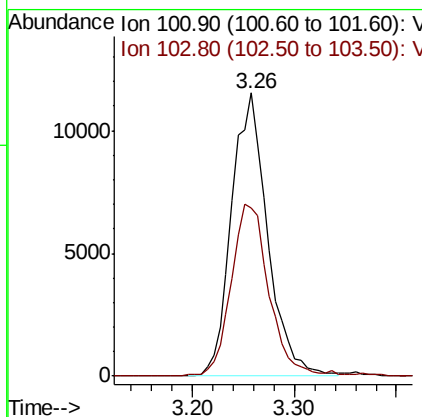
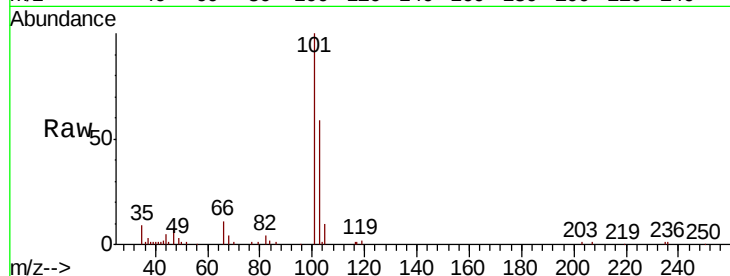
Trichlorofluoromethane
 Concen: 17.421 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Instrument :
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 ClientSampleId :
 VW0926SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.5	53.2	79.8

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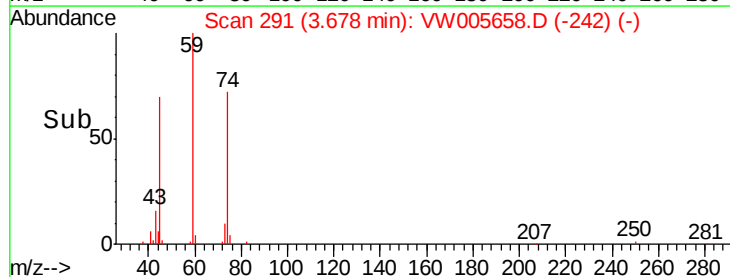
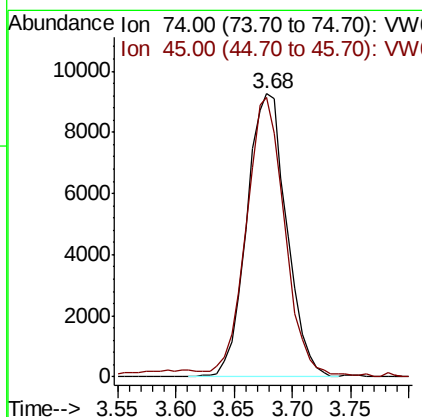
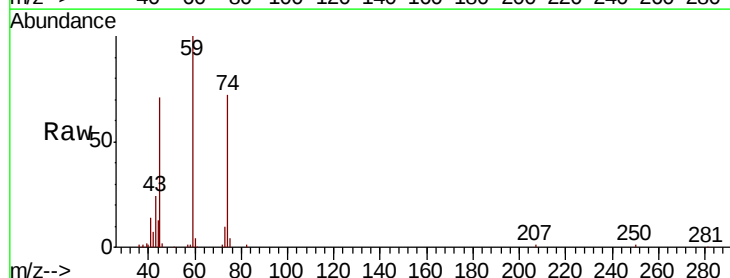
apatel
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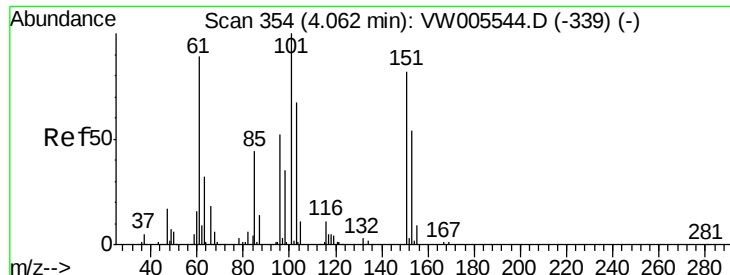


#8

Diethyl Ether
 Concen: 20.885 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.318 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

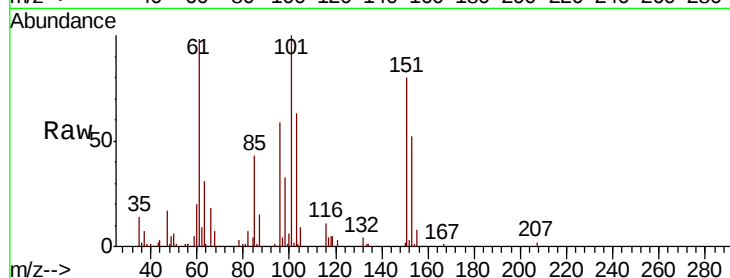
ClientSampleId :

VW0926SBS01

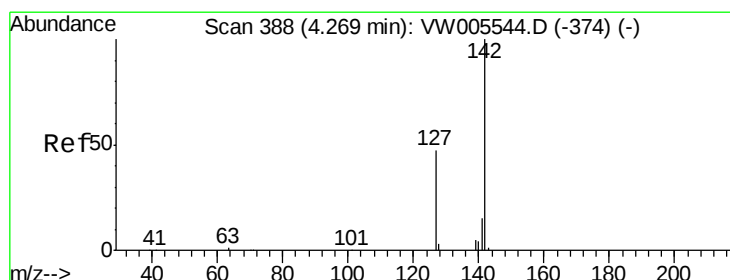
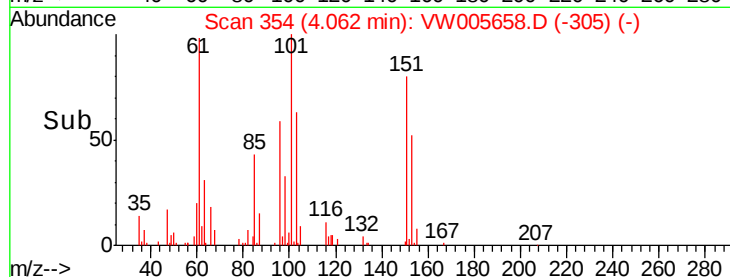
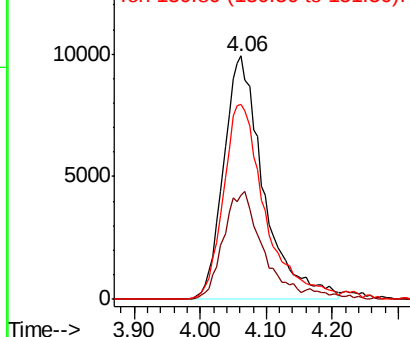
Tot Ion:	101	Resp:	41687
Ion Ratio	Lower	Upper	
101	100		
85	42.8	36.4	54.6
151	83.5	65.8	98.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.816 ug/l

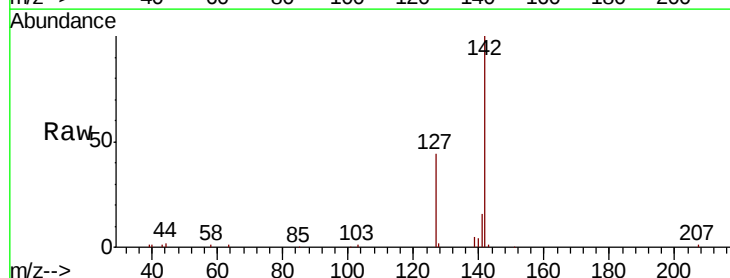
RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

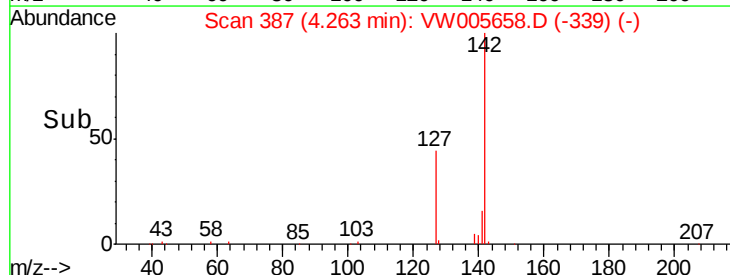
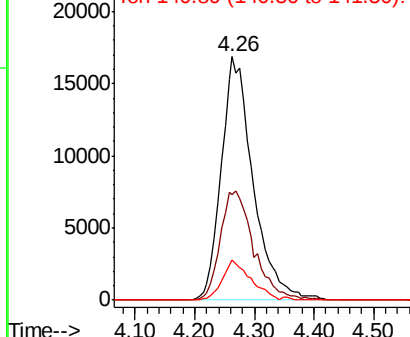
Lab File: VW005658.D

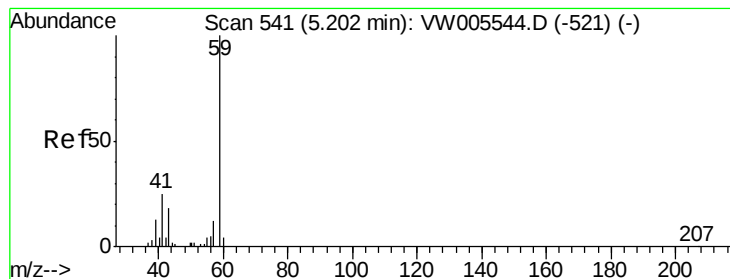
Acq: 26 Sep 2018 17:41

Tgt Ion:	142	Resp:	62526
Ion Ratio	Lower	Upper	
142	100		
127	47.3	37.4	56.0
141	14.7	11.9	17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

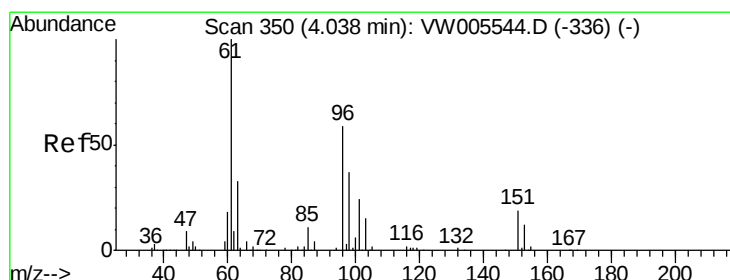
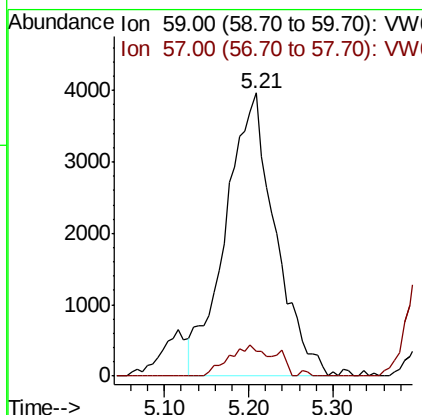
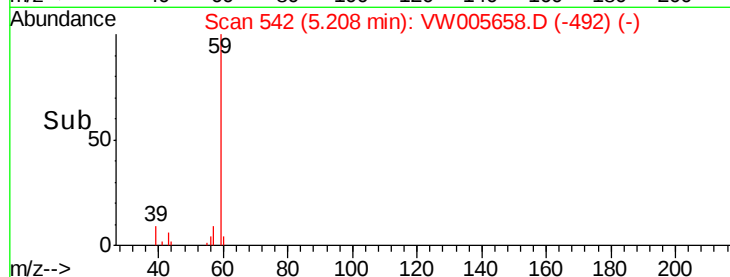
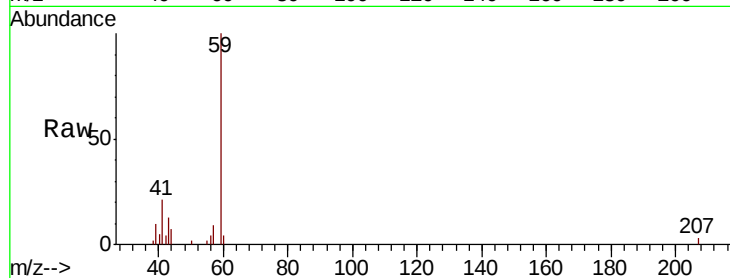
Tert butyl alcohol
Concen: 120.338 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.1	8.3	12.5#

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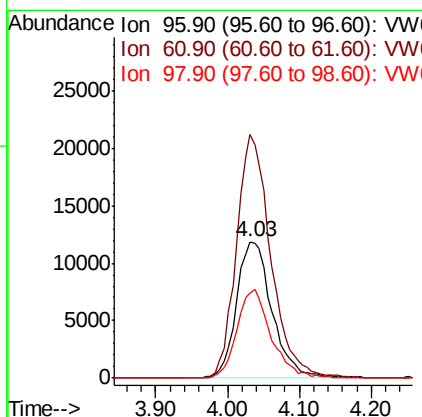
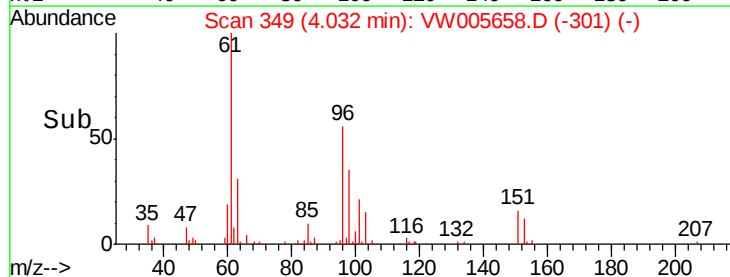
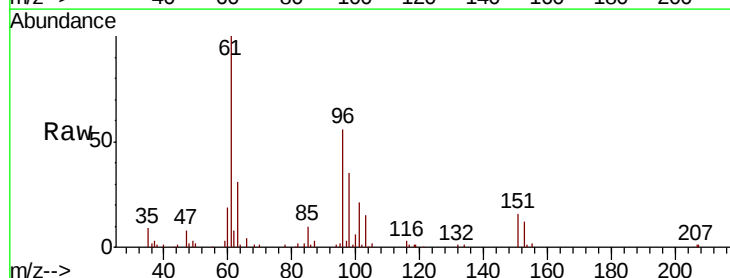
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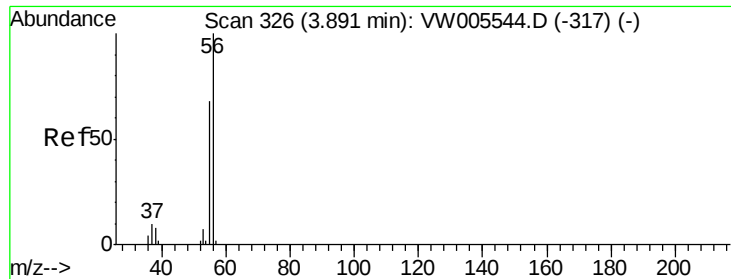


#12

1,1-Dichloroethene
Concen: 20.610 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.8	135.0	202.6
98	62.6	50.6	76.0





#13

Acrolein

Concen: 95.145 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 56 Resp: 9416

Ion Ratio Lower Upper

56 100

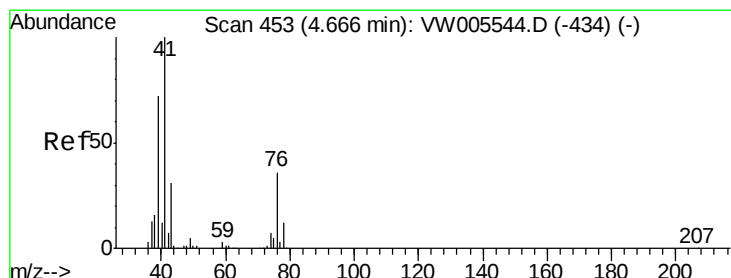
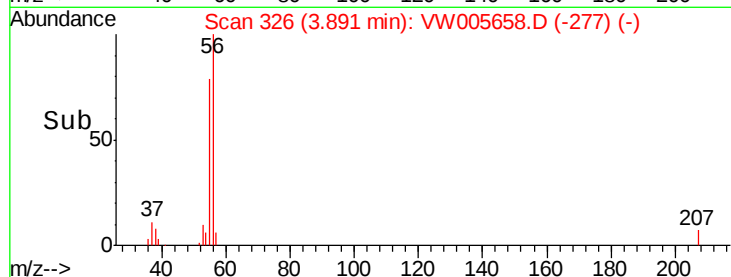
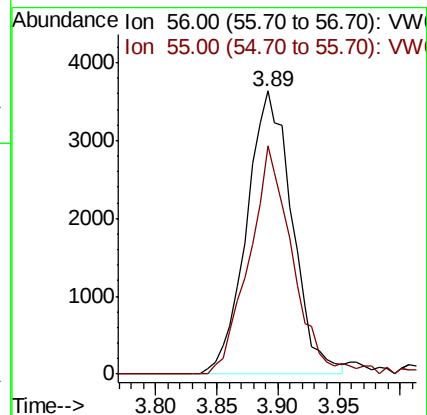
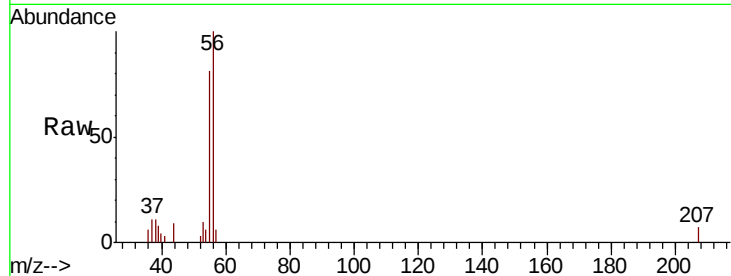
55 77.1 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 19.211 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

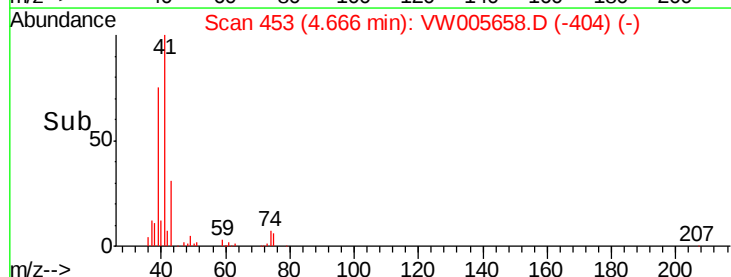
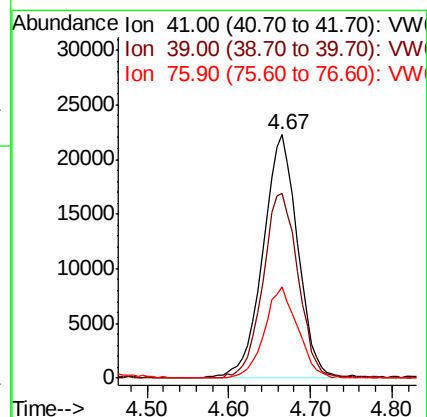
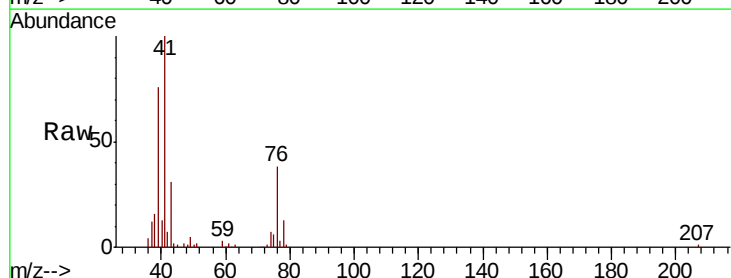
Tgt Ion: 41 Resp: 65856

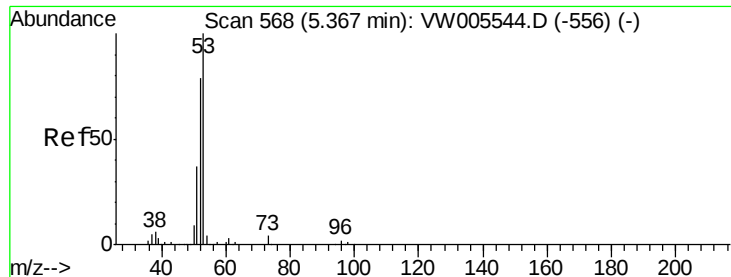
Ion Ratio Lower Upper

41 100

39 77.4 59.6 89.4

76 35.8 27.7 41.5





#15

Acrylonitrile

Concen: 103.485 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

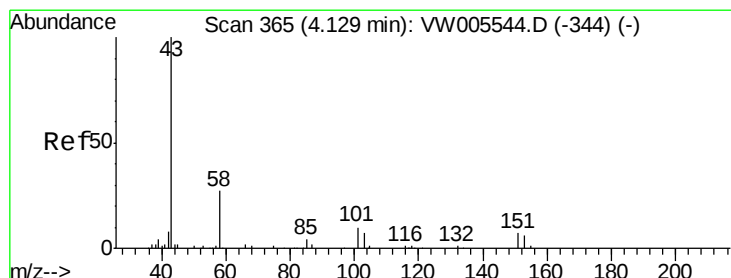
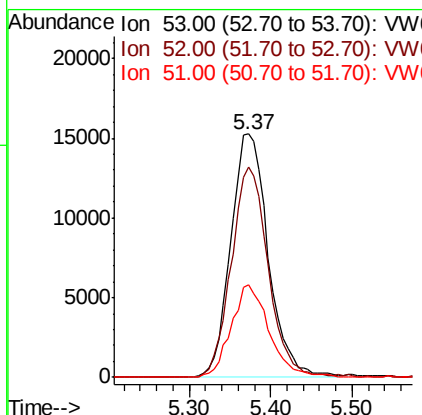
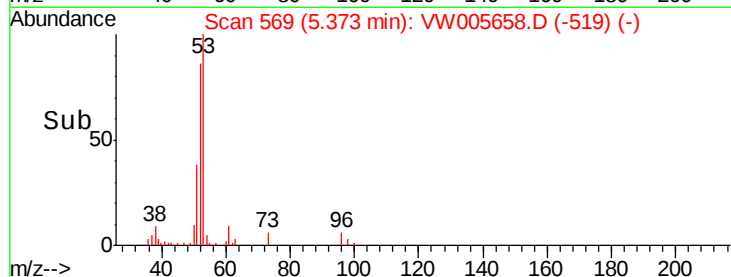
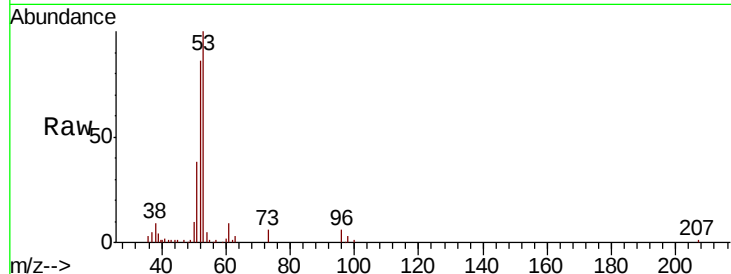
ClientSampleId :

VW0926SBS01

Tot Ion:	53	Resp:	48647
Ion Ratio	Lower	Upper	
53	100		
52	84.9	66.5	99.7
51	38.6	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 136.803 ug/l

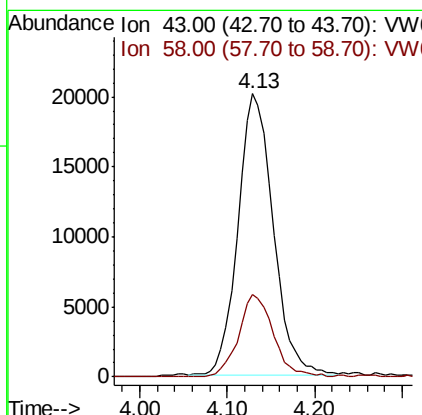
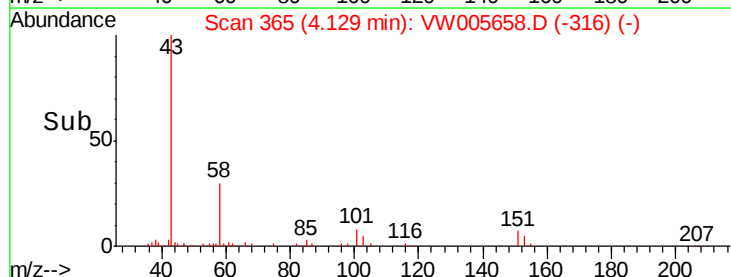
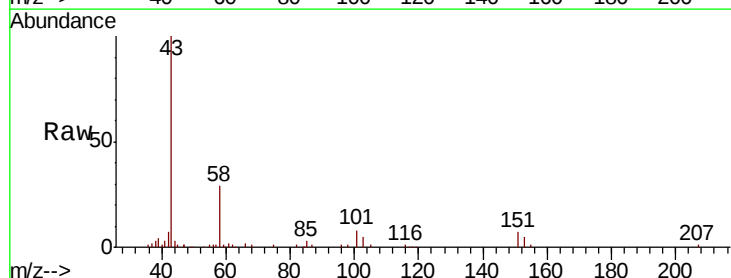
RT: 4.13 min Scan# 365

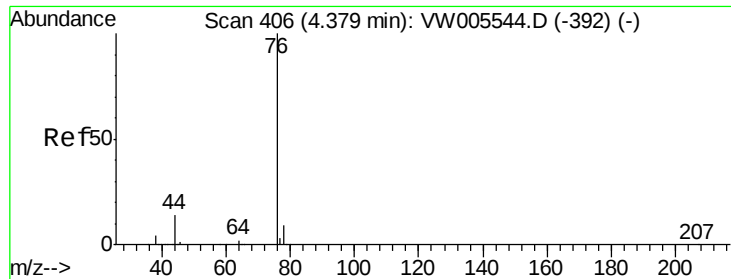
Delta R.T. 0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion:	43	Resp:	56350
Ion Ratio	Lower	Upper	
43	100		
58	29.0	21.8	32.8





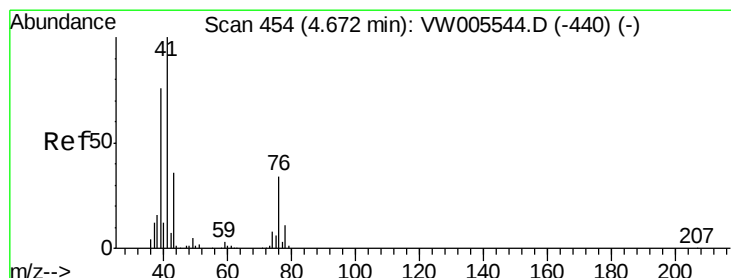
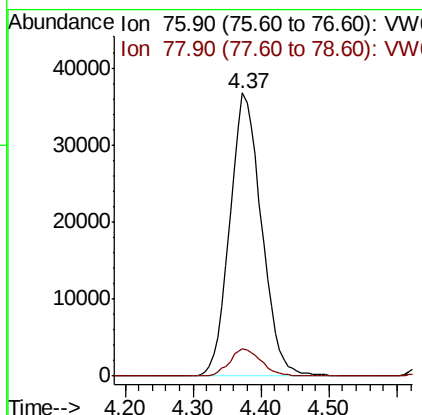
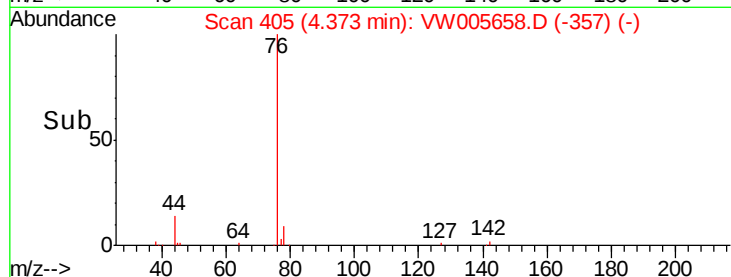
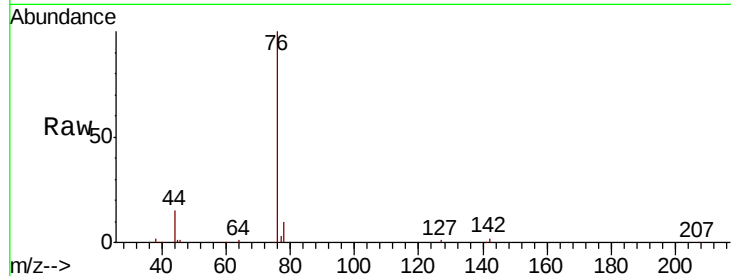
#17
Carbon Disulfide
Concen: 19.372 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

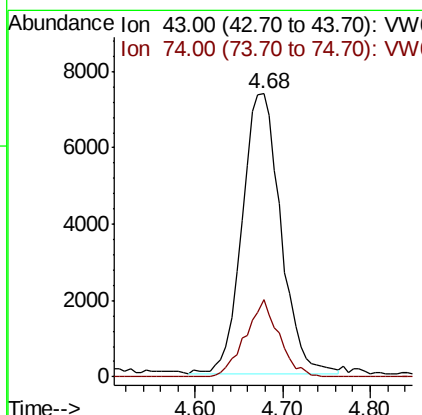
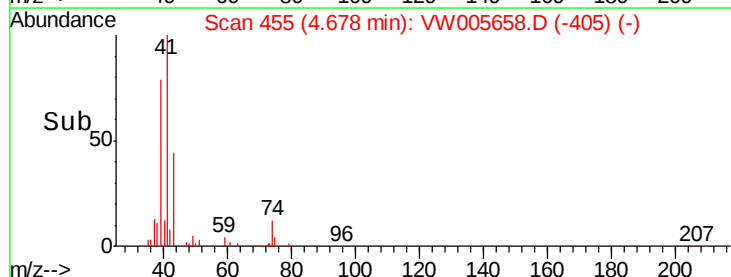
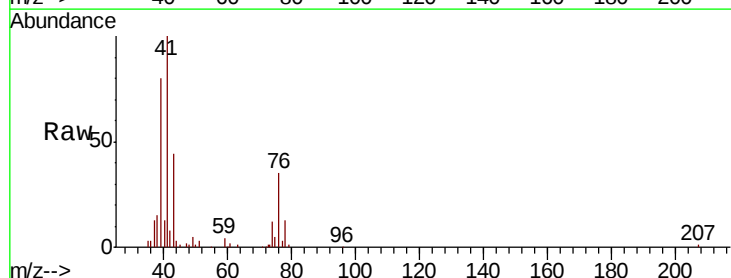
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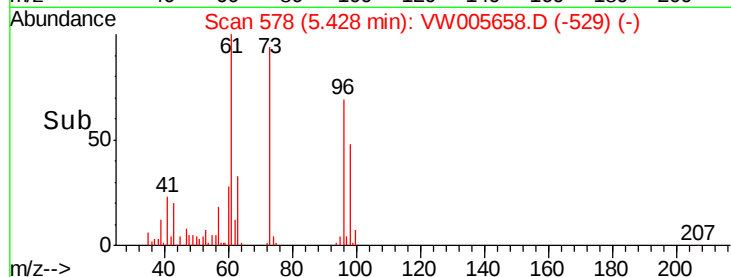
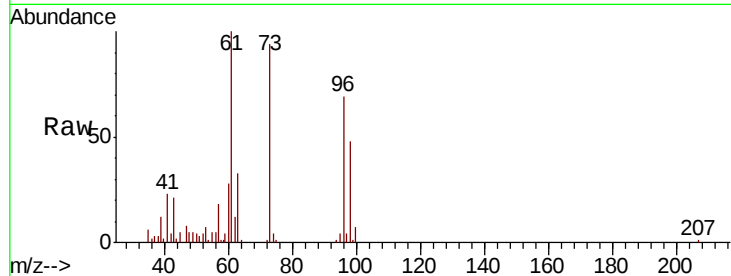
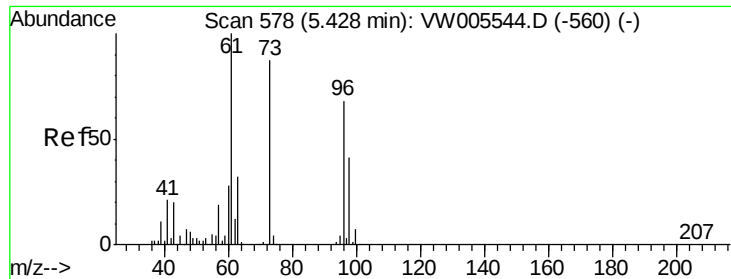
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#18
Methyl Acetate
Concen: 18.640 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.2	28.8





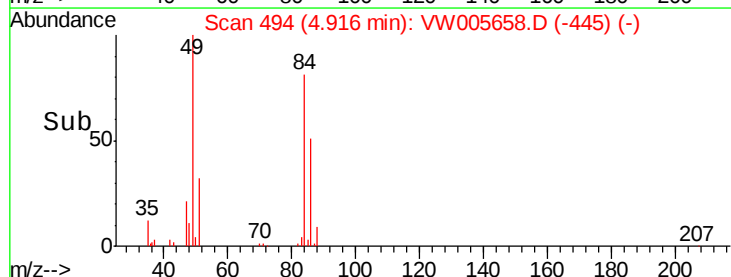
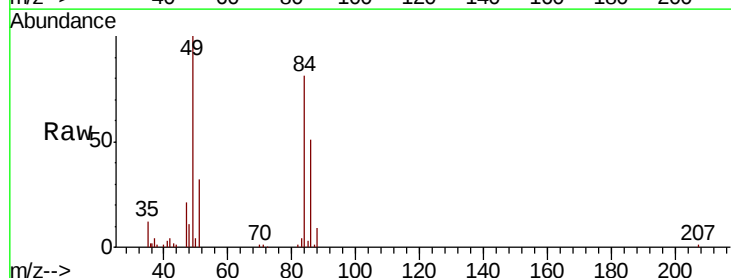
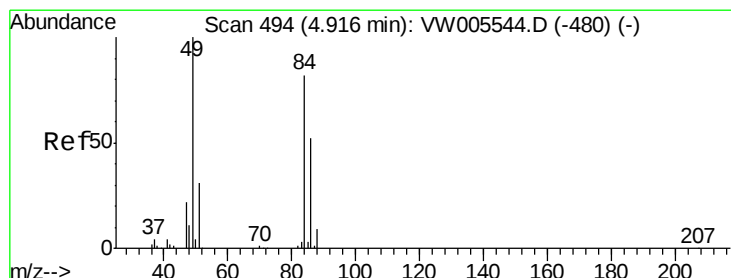
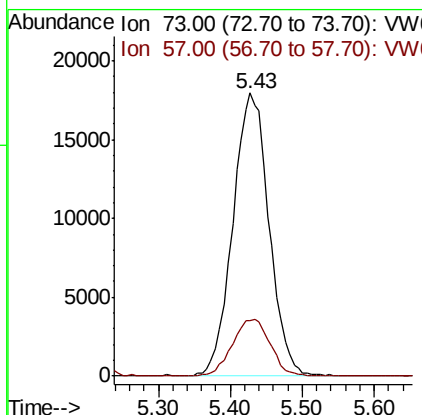
#19
Methyl tert-butyl Ether
Concen: 20.644 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tot Ion	73	Resp	62588
Ion Ratio	Lower	Upper	
73	100		
57	19.6	17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

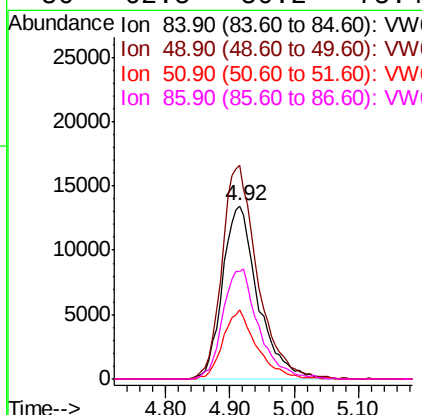
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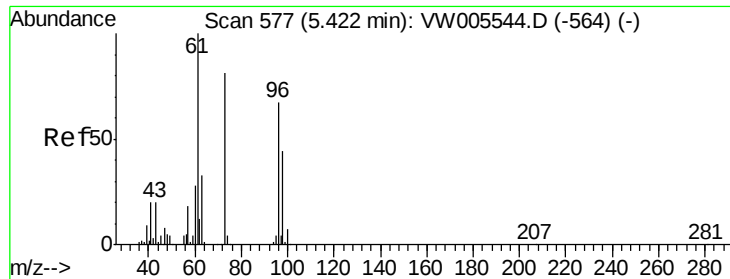
apatel
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#20
Methylene Chloride
Concen: 21.989 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	84	Resp	51923
Ion Ratio	Lower	Upper	
84	100		
49	123.5	97.0	145.6
51	40.1	30.2	45.2
86	62.5	50.2	75.4





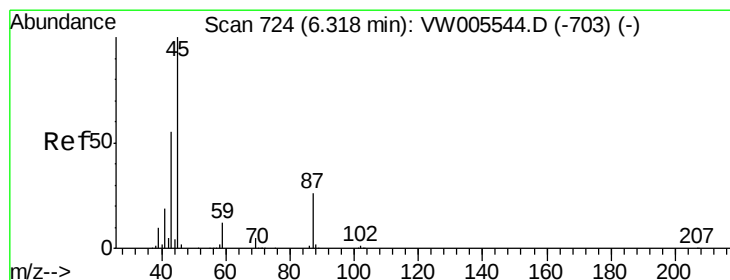
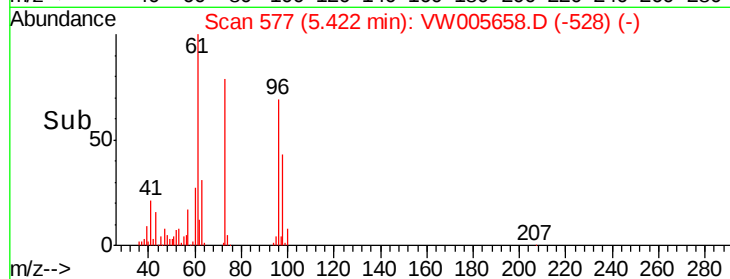
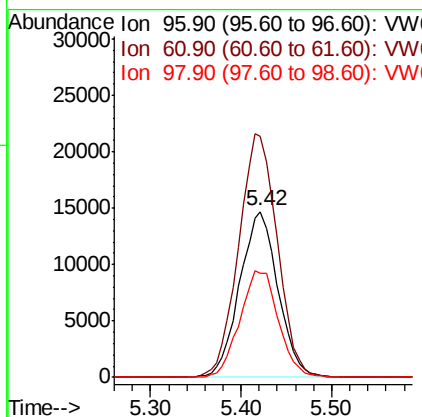
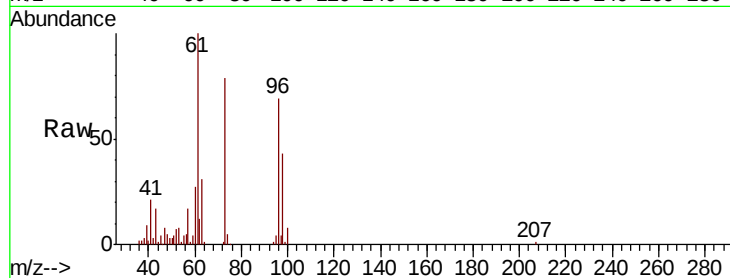
#21
trans-1,2-Dichloroethene
Concen: 20.002 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	118.9	178.3
98	63.0	52.1	78.1

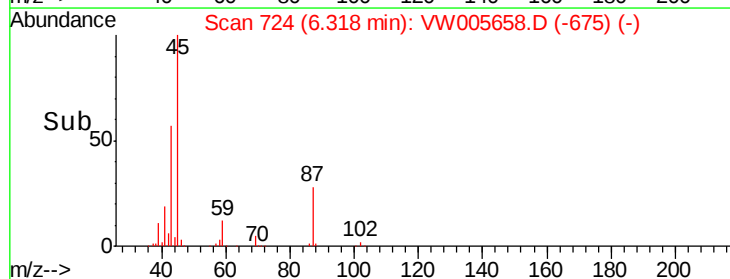
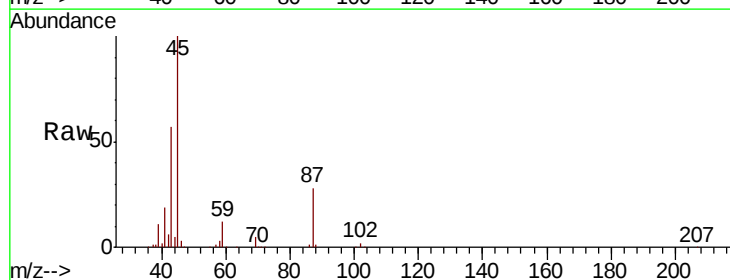
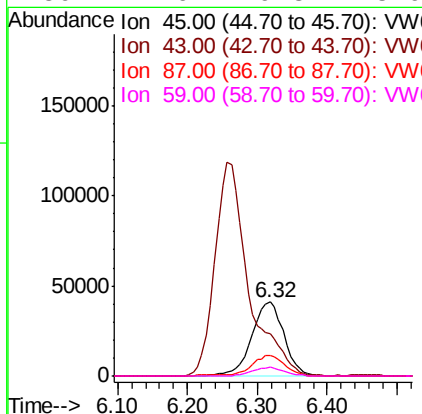
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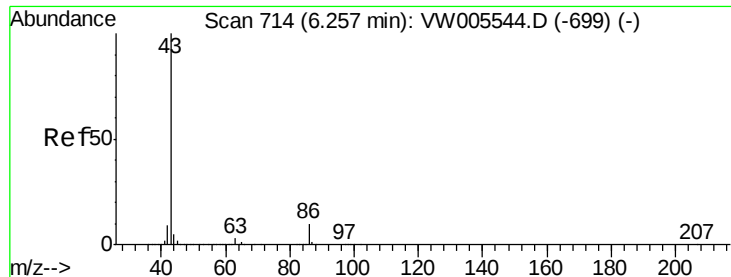
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#22
Diisopropyl ether
Concen: 19.728 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.5	44.2	66.4
87	27.8	21.4	32.2
59	11.6	9.3	13.9





#23

Vinyl Acetate

Concen: 103.970 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleID :

VW0926SBSD01

Tot Ion: 43 Resp: 395458

Ion Ratio Lower Upper

43 100

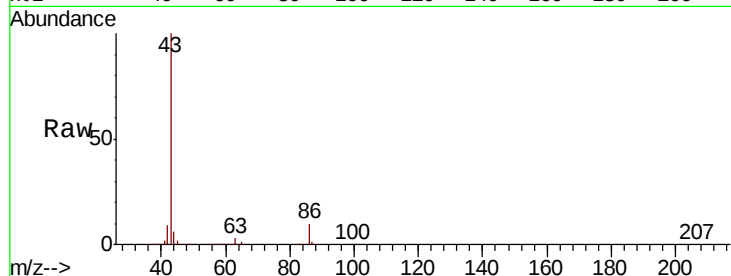
86 9.7 7.7 11.5

Manual Integrations

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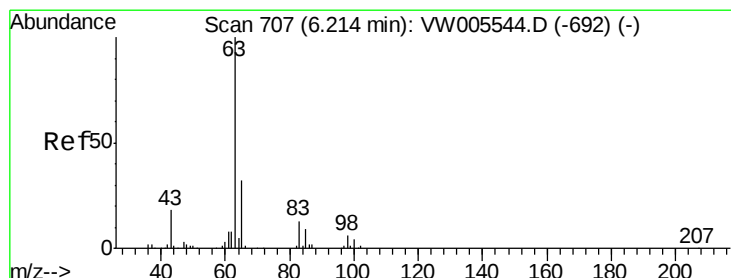
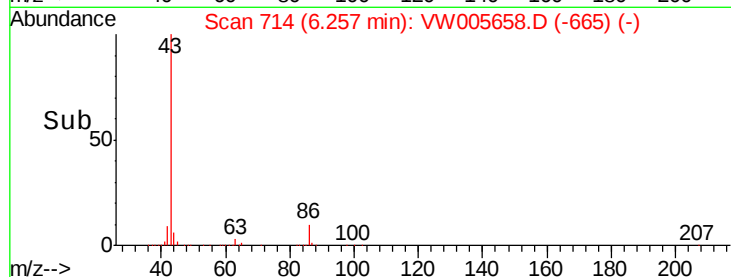
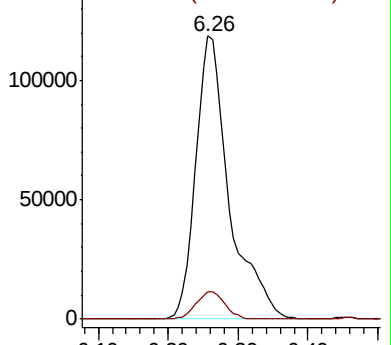
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.842 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

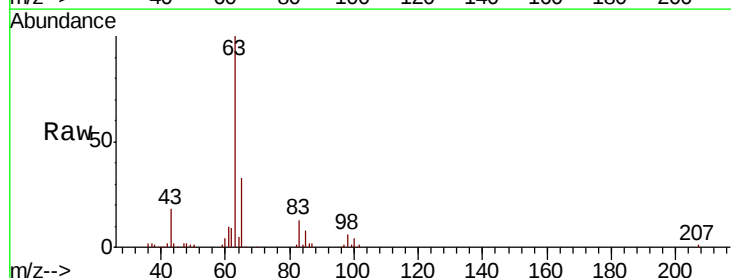
Tgt Ion: 63 Resp: 81580

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

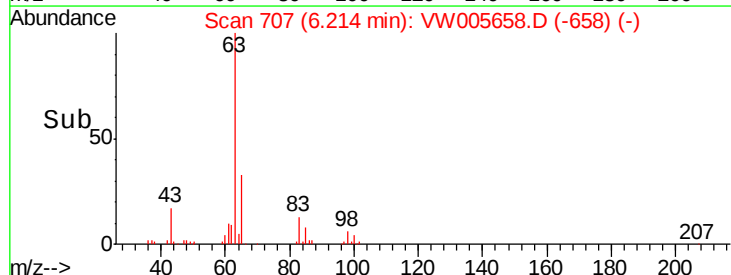
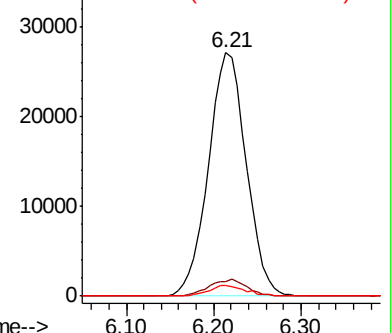
100 4.1 2.1 6.2

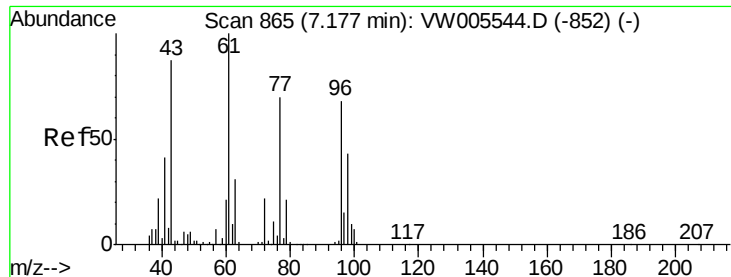


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 112.699 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 43 Resp: 69546

Ion Ratio Lower Upper

43 100

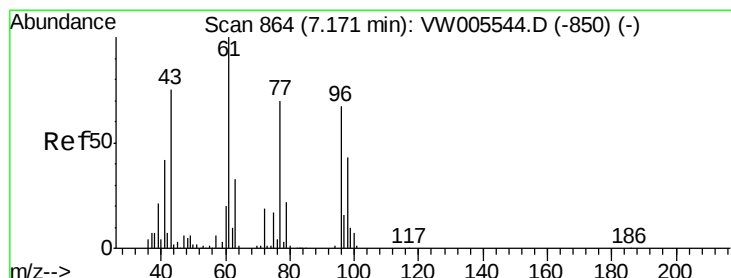
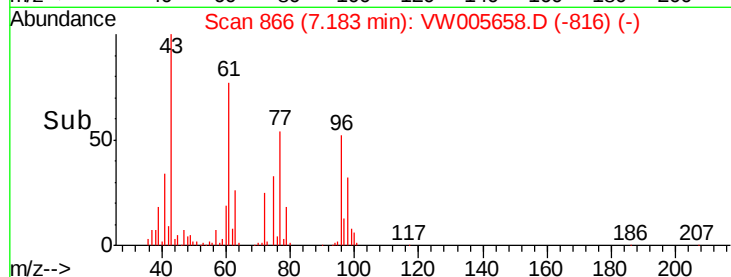
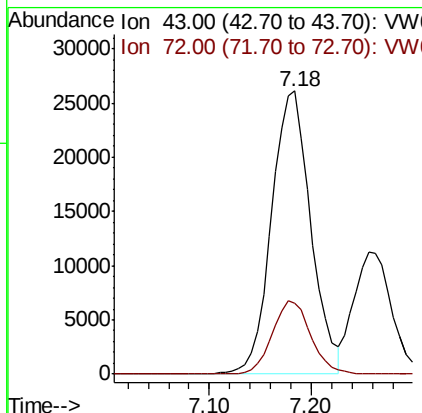
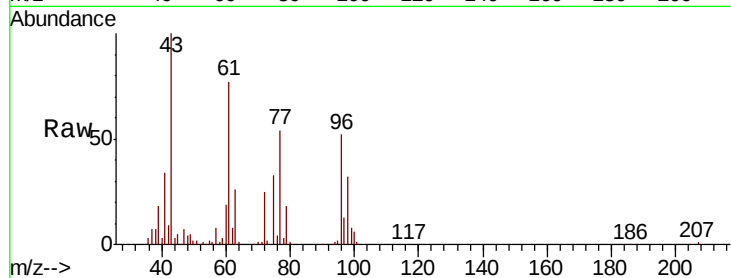
72 25.0 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 20.254 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005658.D

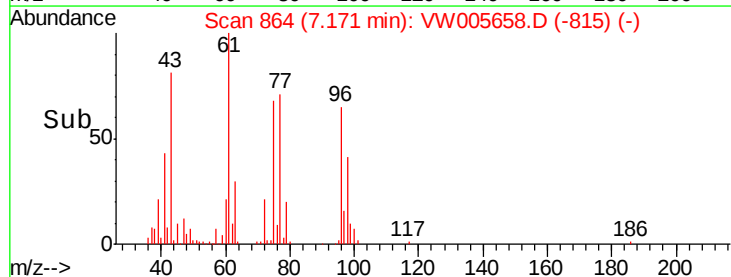
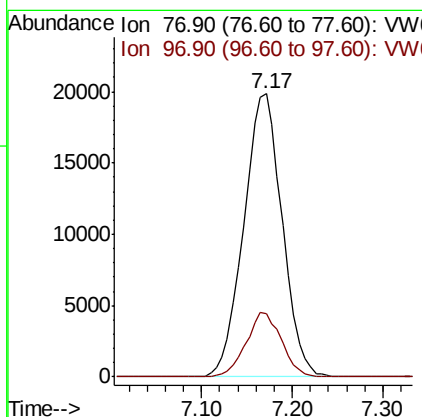
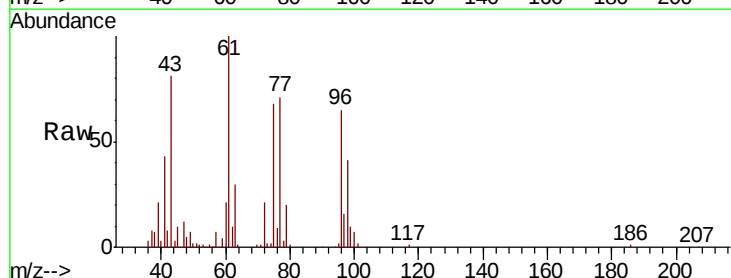
Acq: 26 Sep 2018 17:41

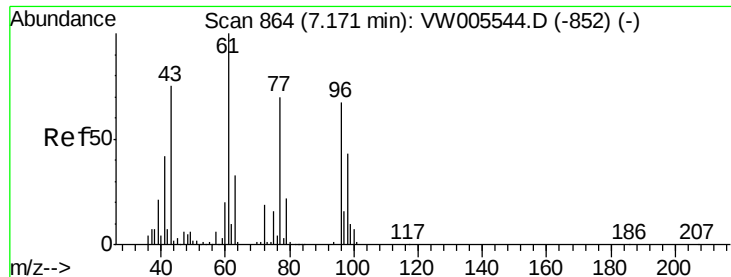
Tgt Ion: 77 Resp: 58135

Ion Ratio Lower Upper

77 100

97 20.9 11.0 33.0





#27

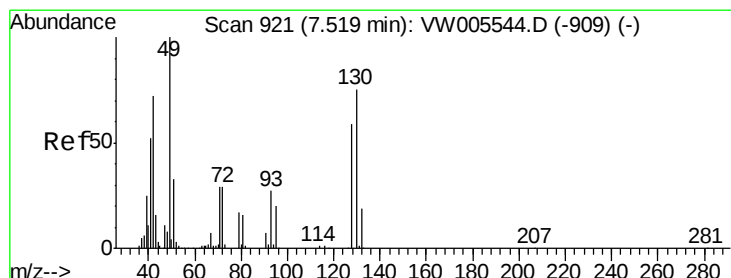
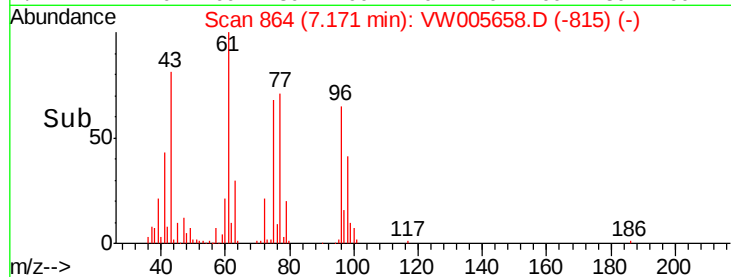
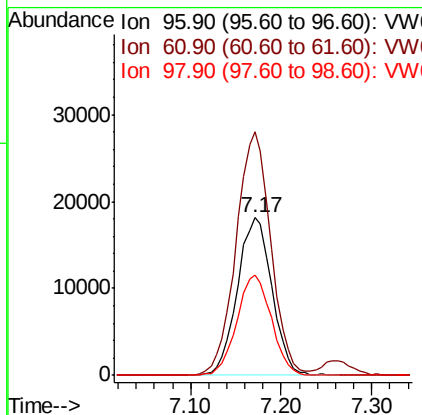
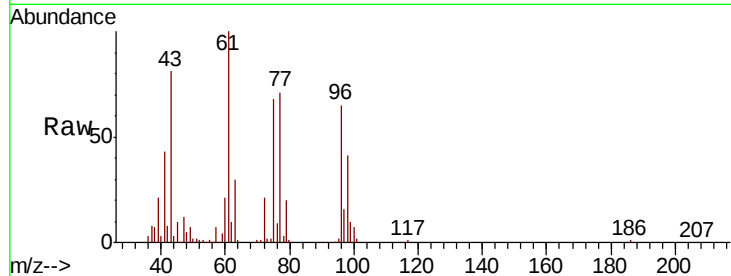
cis-1,2-Dichloroethene
 Concen: 20.128 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	303.4
98	63.2	0.0	127.2

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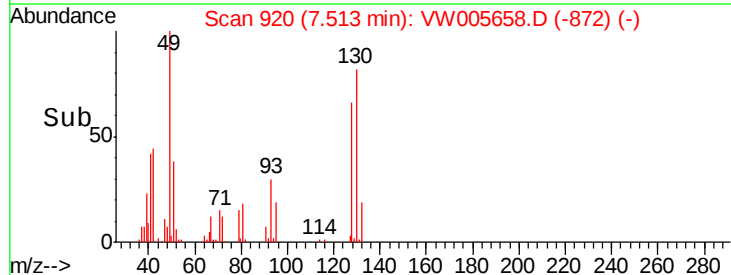
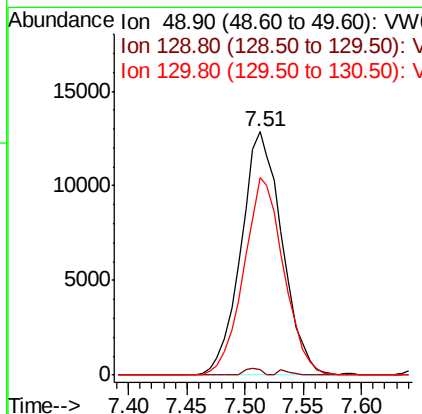
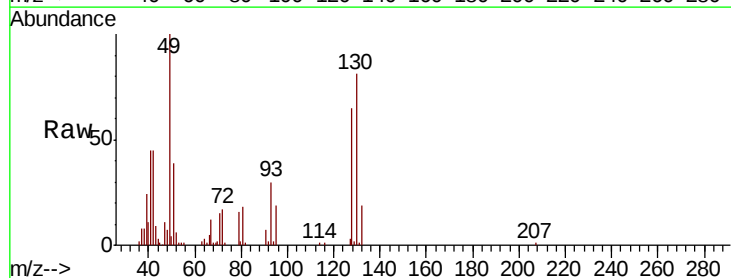
apatel
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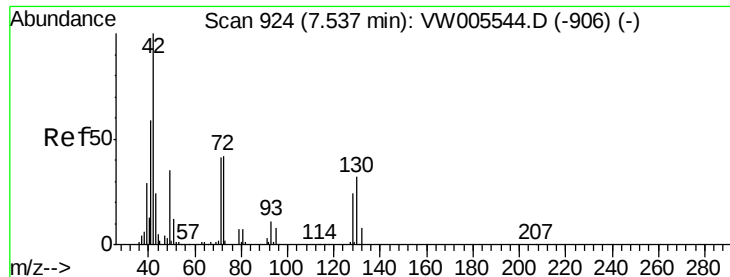


#28

Bromochloromethane
 Concen: 19.347 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	1.4
130	78.8	61.3	91.9





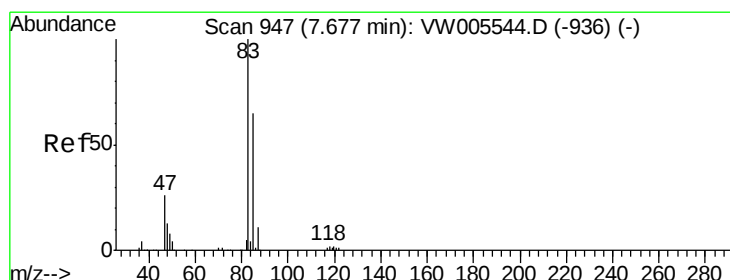
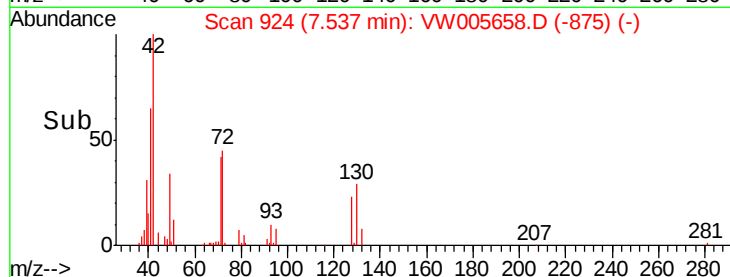
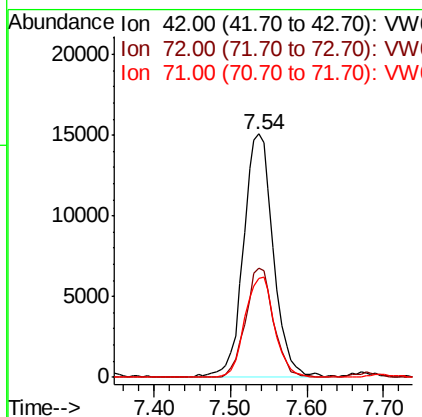
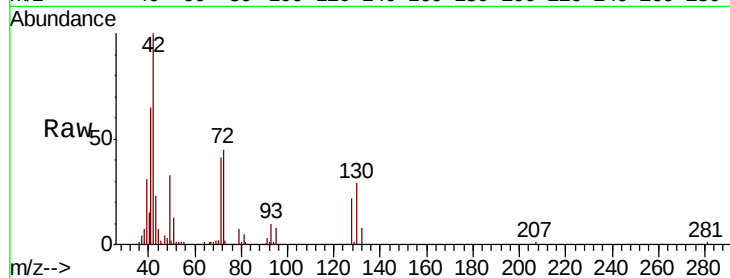
#29
Tetrahydrofuran
Concen: 106.178 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion:	42	Resp:	40934
Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.6	50.4
71	40.5	31.8	47.6

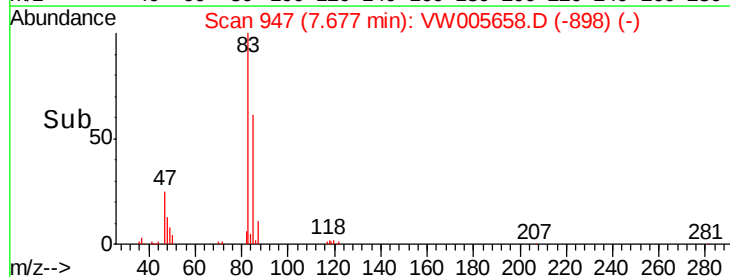
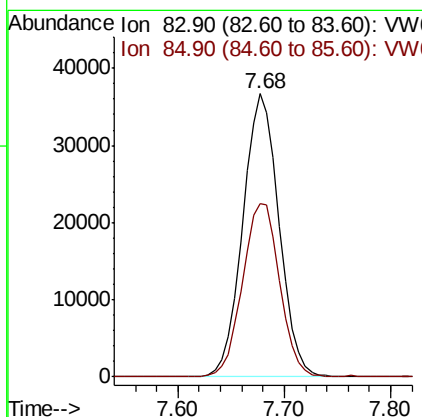
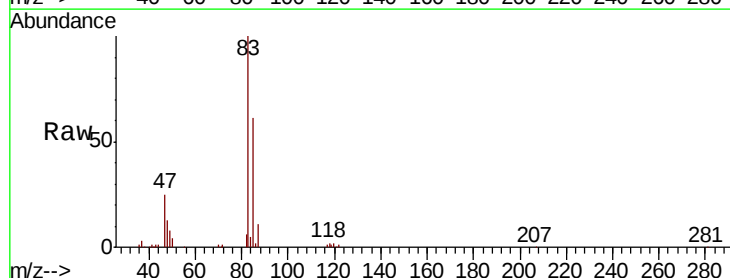
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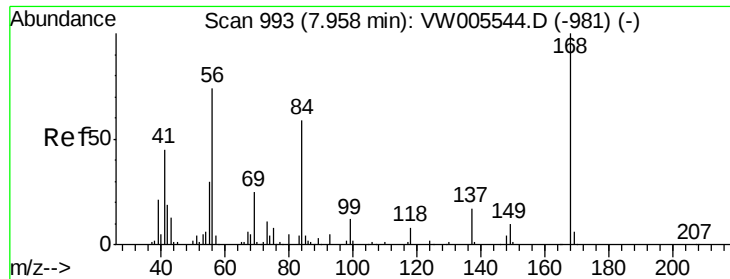
apatel
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#30
Chloroform
Concen: 20.590 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion:	83	Resp:	87397
Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.8	77.6





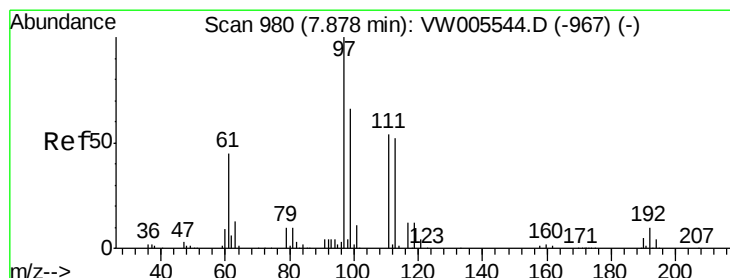
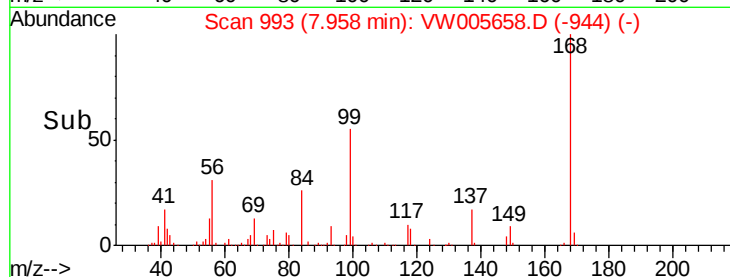
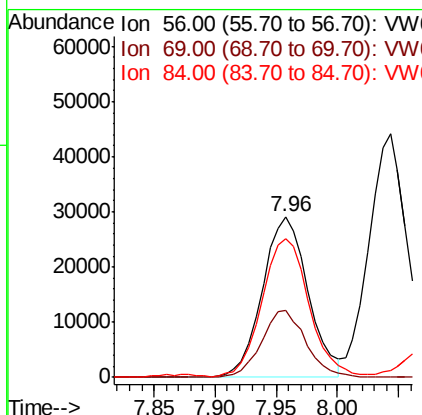
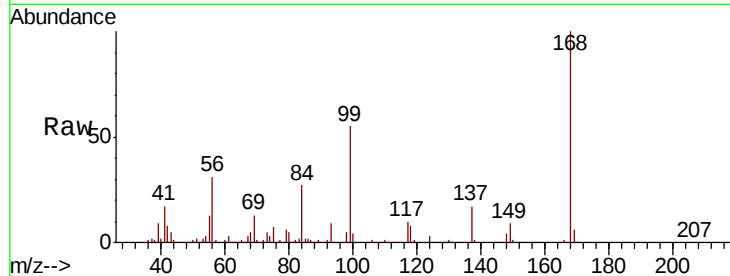
#31
Cyclohexane
Concen: 19.202 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.5	27.0	40.4#
84	84.6	64.2	96.4

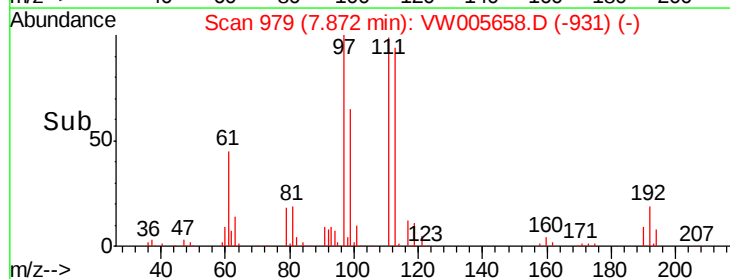
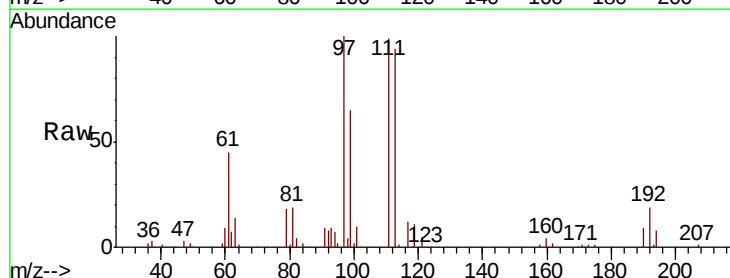
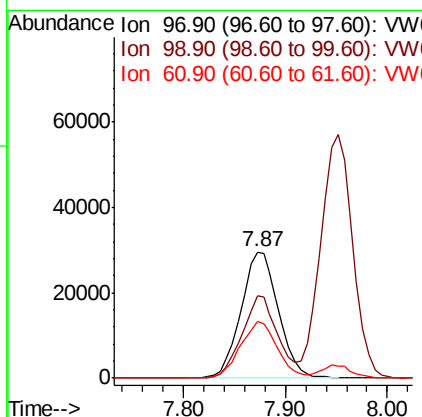
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#32
1,1,1-Trichloroethane
Concen: 20.042 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.8	51.0	76.6
61	44.0	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 50.255 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 65 Resp: 127687

Ion Ratio Lower Upper

65 100

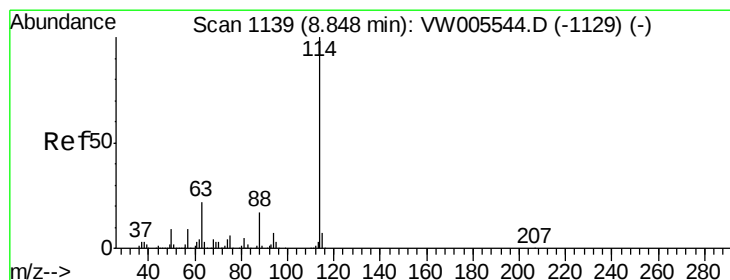
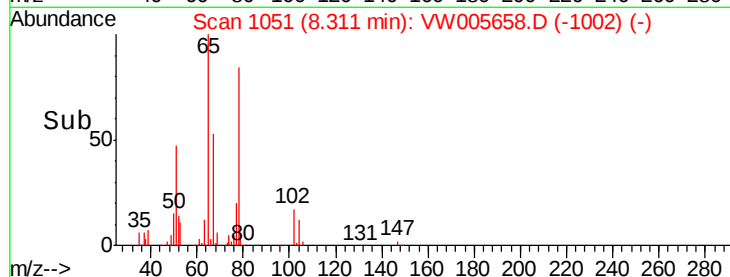
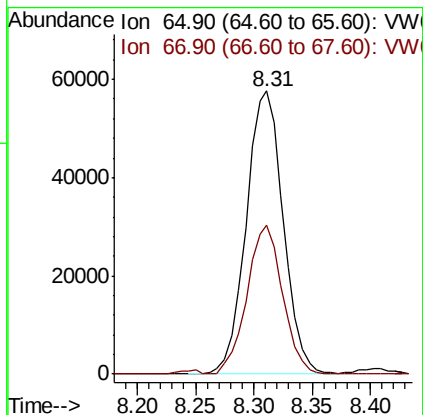
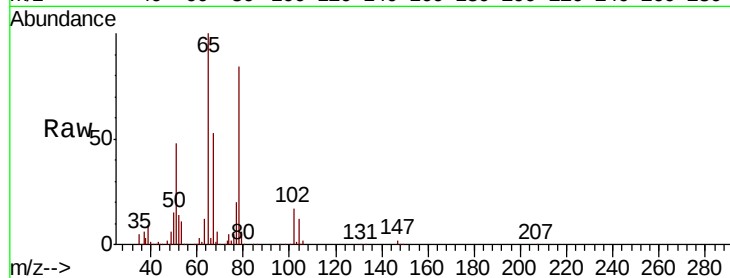
67 50.8 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

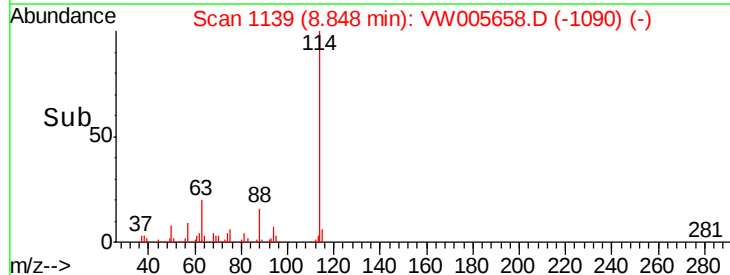
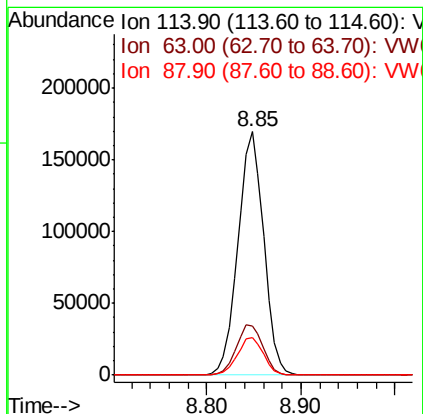
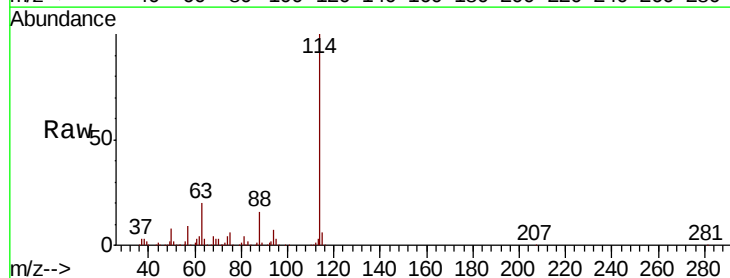
Tgt Ion: 114 Resp: 322360

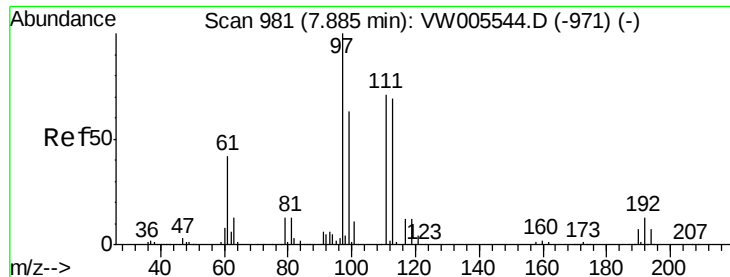
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.0

88 15.6 0.0 33.0





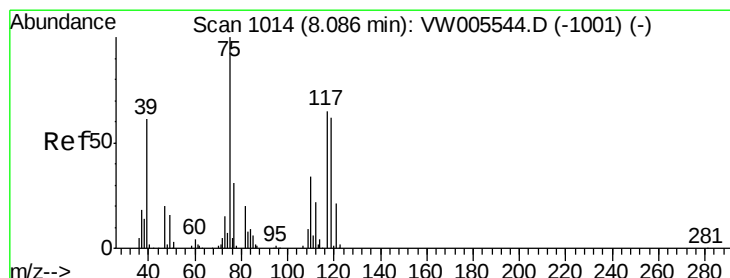
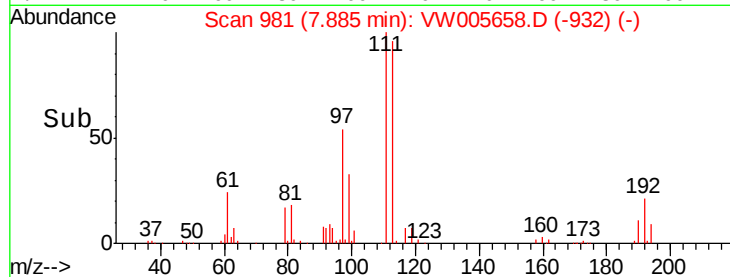
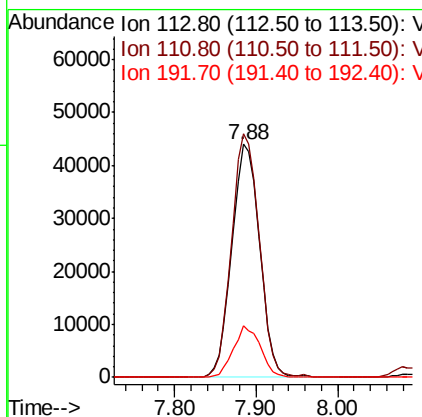
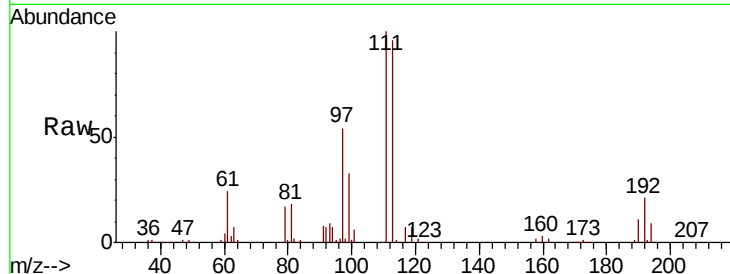
#35
 Dibromofluoromethane
 Concen: 51.072 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.9	82.6	123.8	
192	21.3	17.0	25.4	

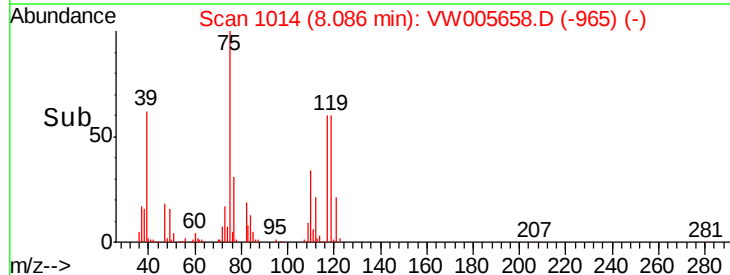
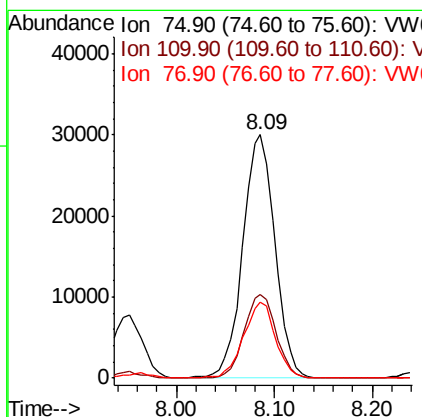
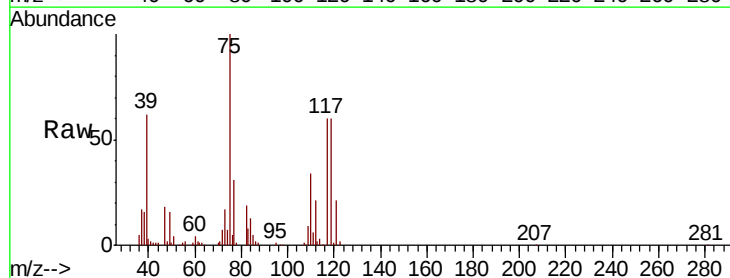
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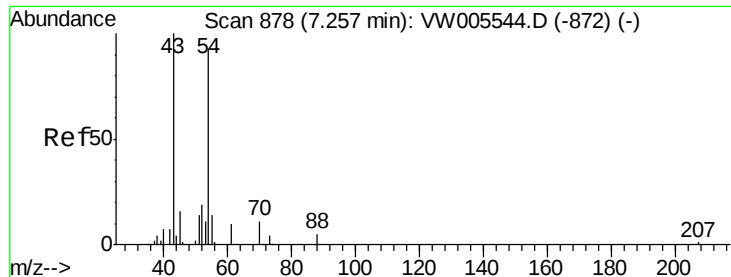
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#36
 1,1-Dichloropropene
 Concen: 21.091 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.0	17.0	50.9	
77	31.0	24.8	37.2	





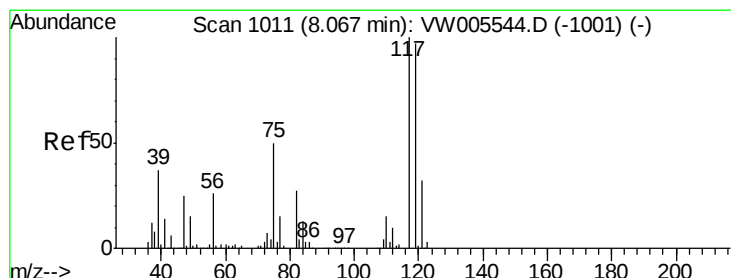
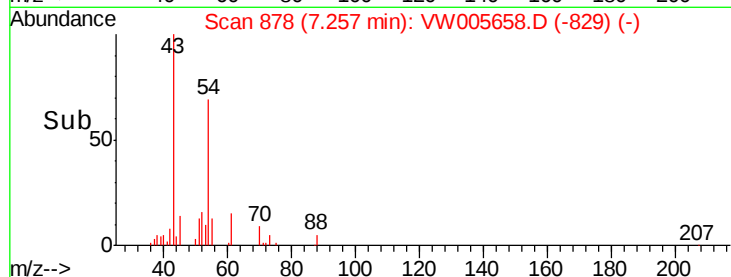
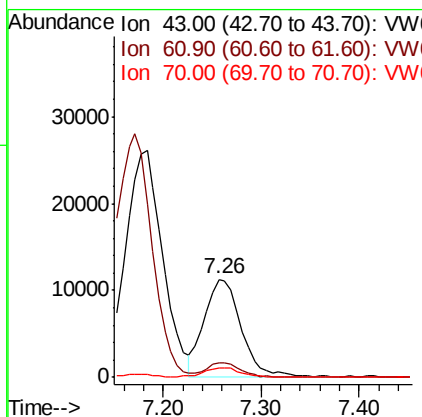
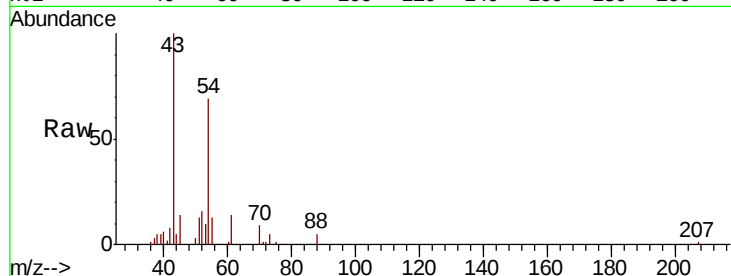
#37
Ethyl Acetate
Concen: 21.514 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleID :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	9.8	8.2	12.2

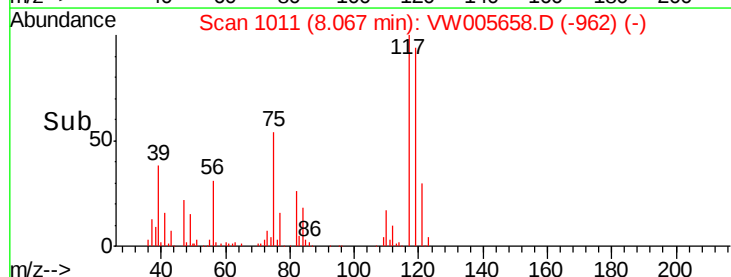
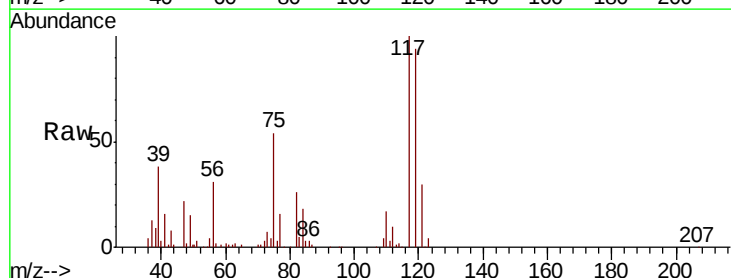
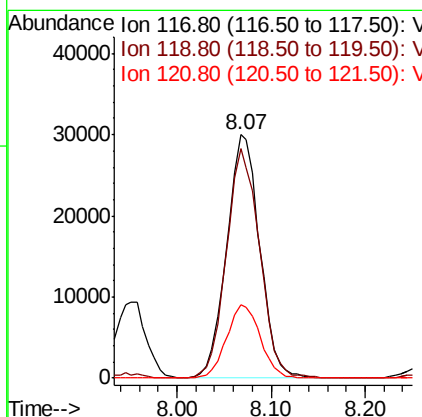
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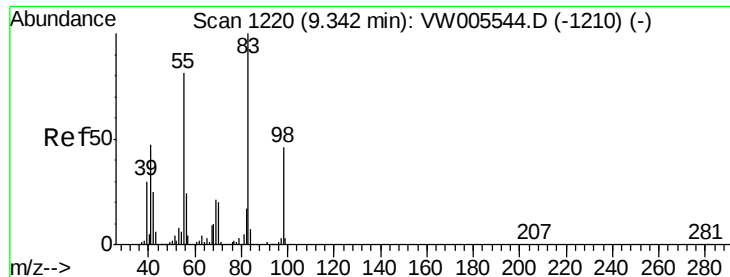
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#38
Carbon Tetrachloride
Concen: 21.048 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.6	116.4
121	29.9	25.7	38.5





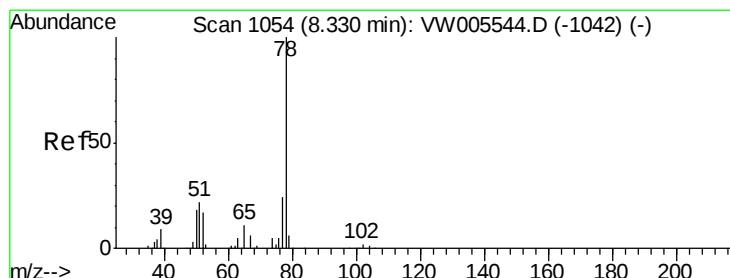
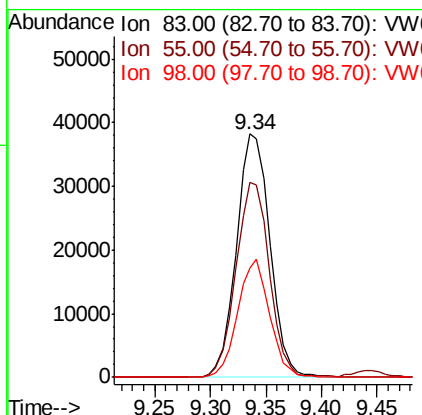
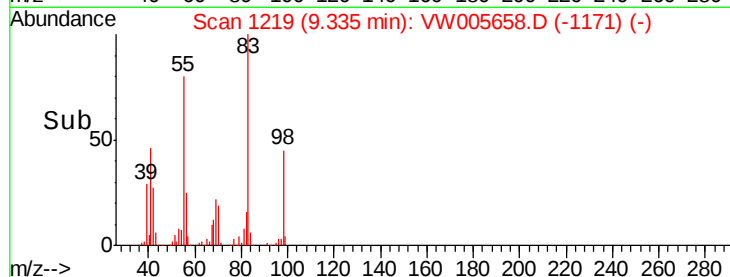
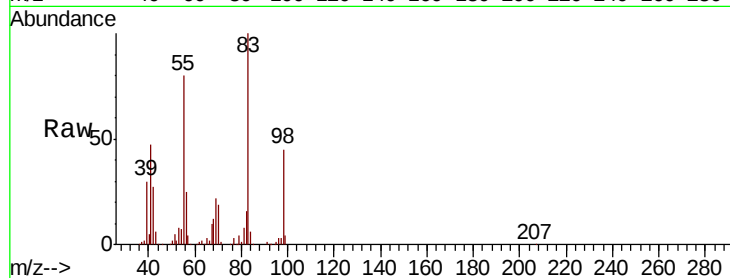
#39
Methvlcvclohexane
Concen: 20.838 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	64.6	97.0
98	45.0	37.0	55.6

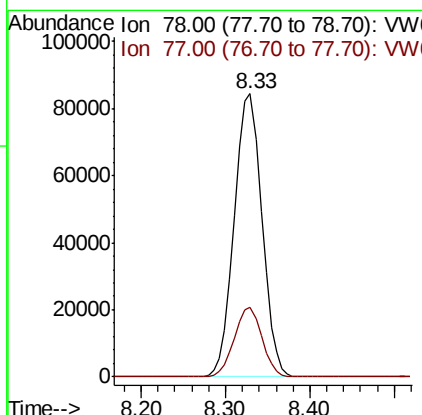
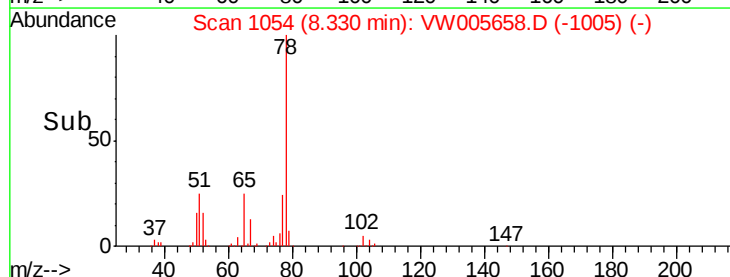
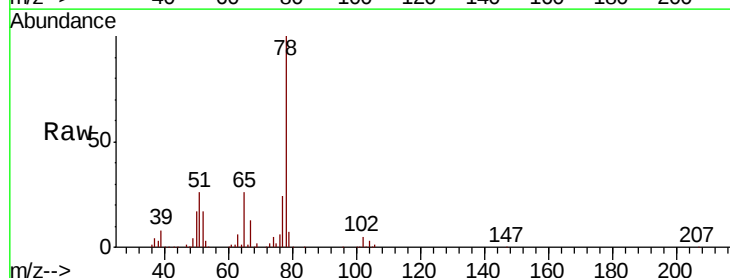
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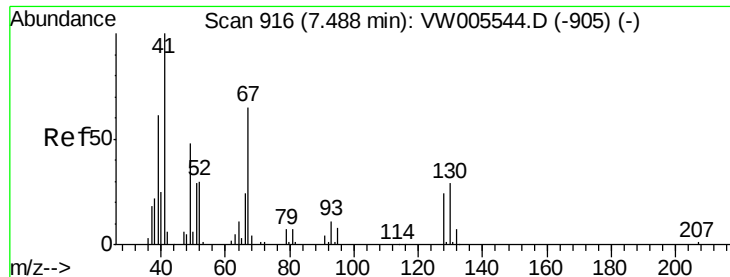
apatel
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#40
Benzene
Concen: 20.381 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





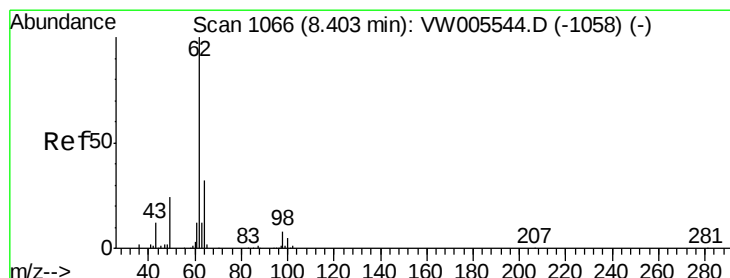
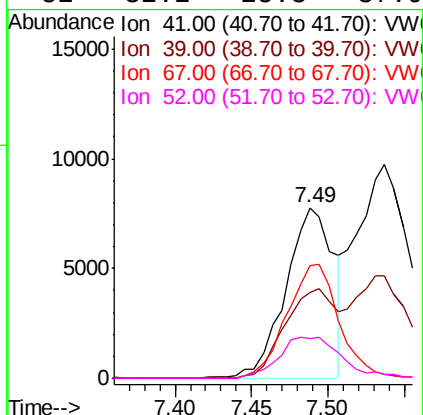
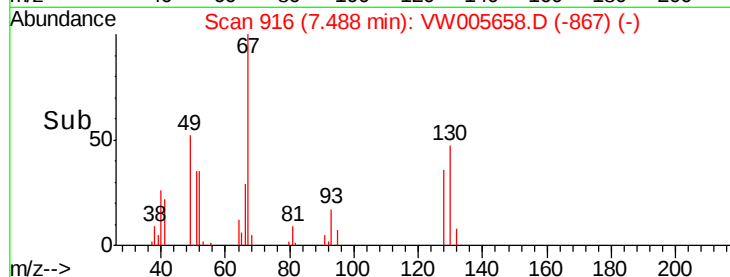
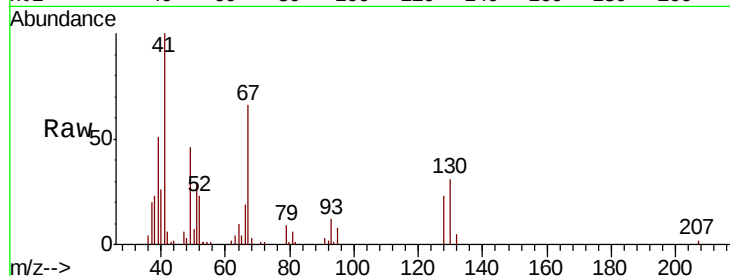
#41
Methacrylonitrile
Concen: 21.789 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		16932		
39	55.6	45.4	68.2		
67	72.3	55.2	82.8		
52	32.2	25.3	37.9		

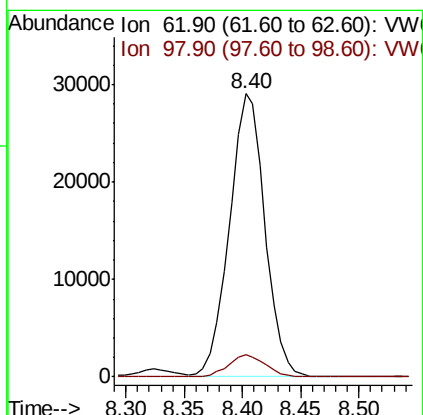
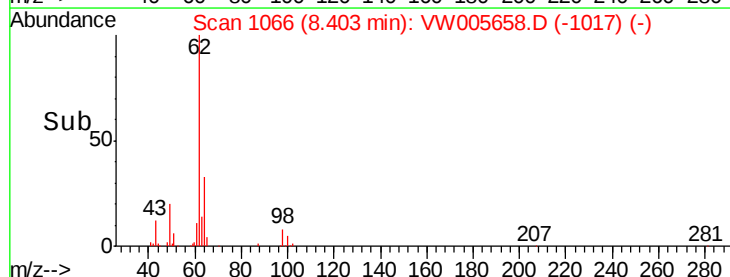
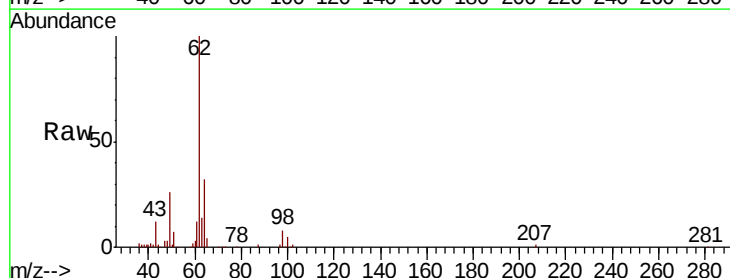
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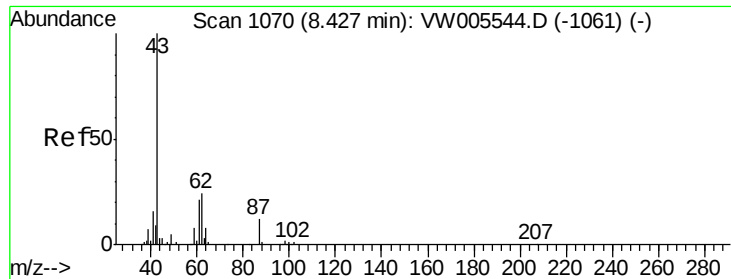
apatel
9/27/2018 10:33:43 AM



#42
1,2-Dichloroethane
Concen: 20.929 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		61609		
98	8.1	0.0	15.6		





#43

Isopropyl Acetate

Concen: 21.372 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

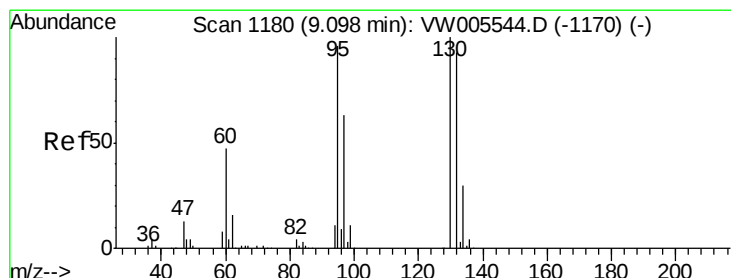
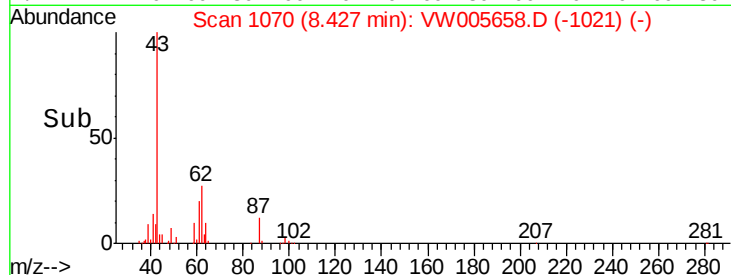
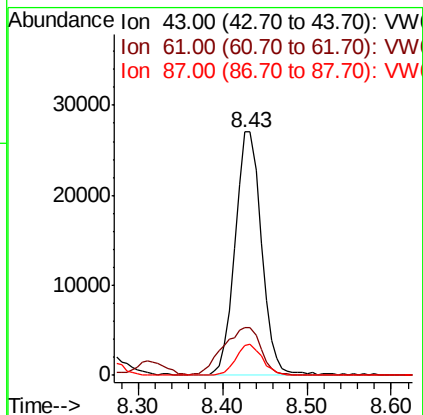
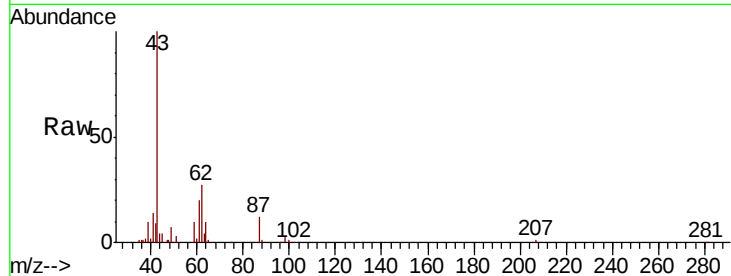
ClientSampleId :

VW0926SBSD01

Tot Ion:	43	Resp:	57382
Ion	Ratio	Lower	Upper
43	100		
61	28.3	24.1	36.1
87	12.4	9.8	14.8

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#44

Trichloroethene

Concen: 20.904 ug/l

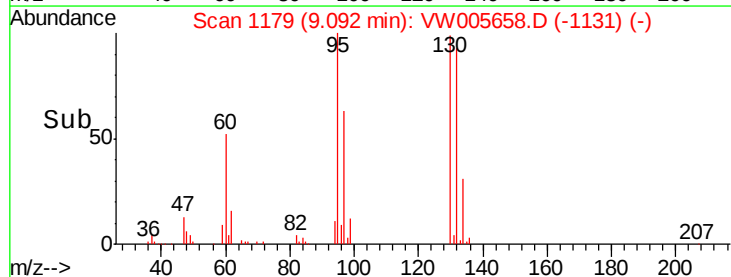
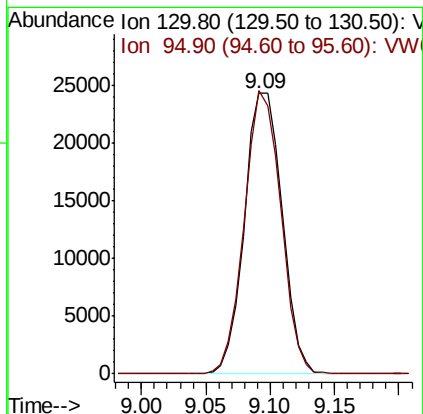
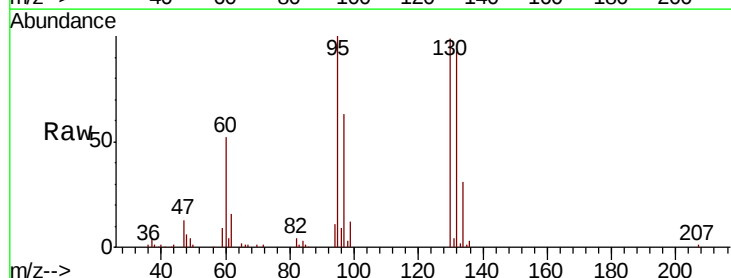
RT: 9.09 min Scan# 1179

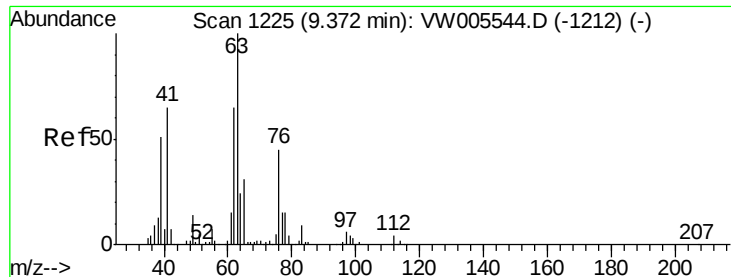
Delta R.T. -0.01 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion:	130	Resp:	49196
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 19.793 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampled :

VW0926SBS01

Tot Ion: 63 Resp: 44773

Ion Ratio Lower Upper

63 100

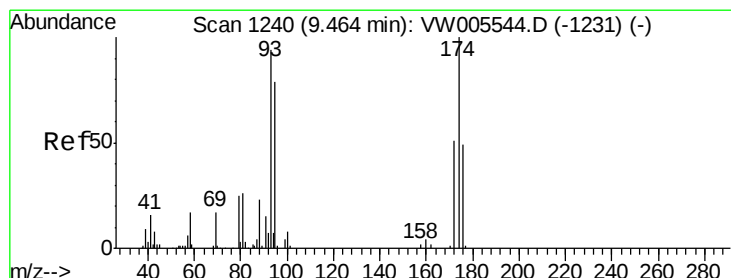
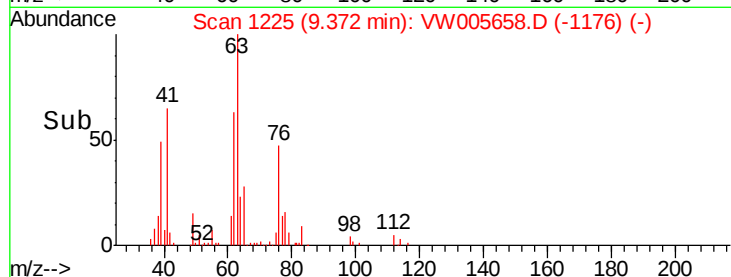
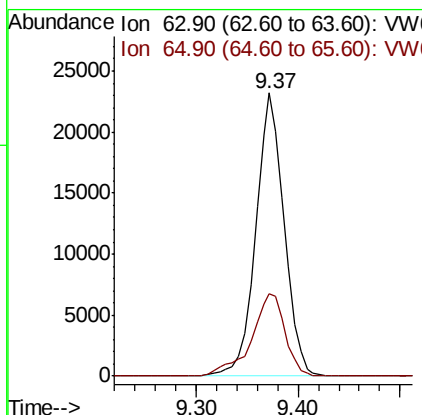
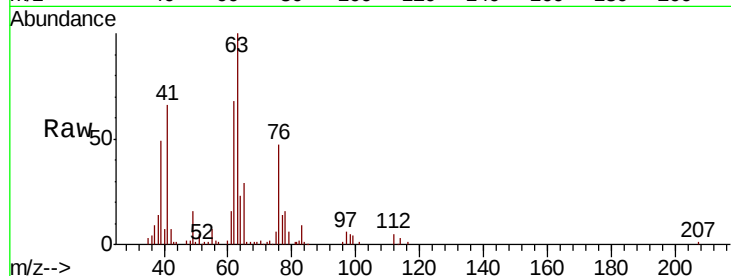
65 29.0 24.7 37.1

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#46

Dibromomethane

Concen: 20.838 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

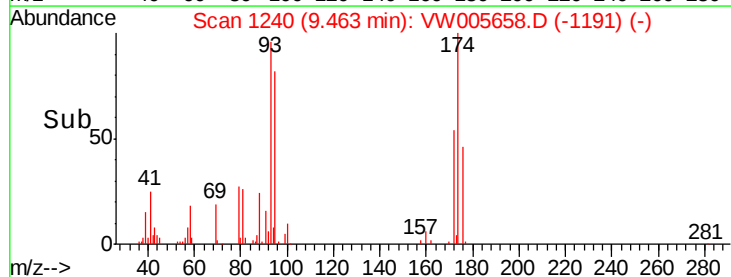
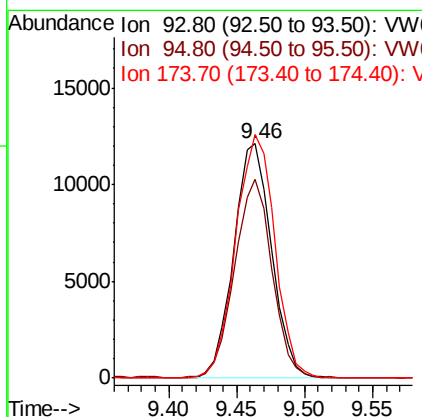
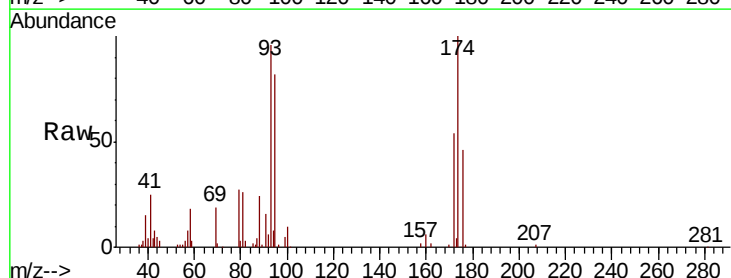
Tgt Ion: 93 Resp: 23552

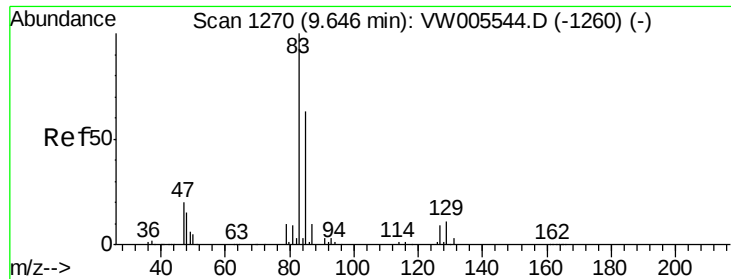
Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.8

174 107.5 84.0 126.0





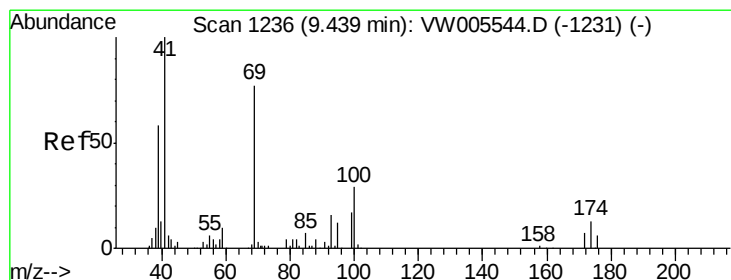
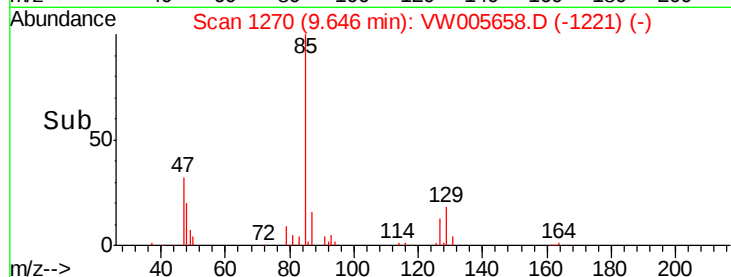
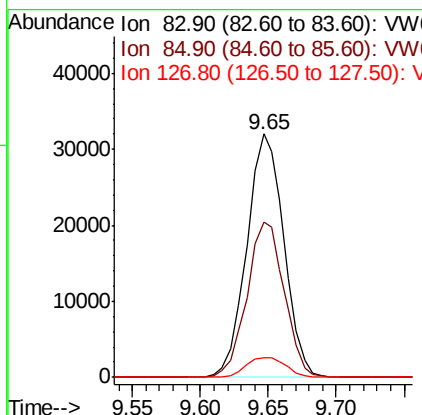
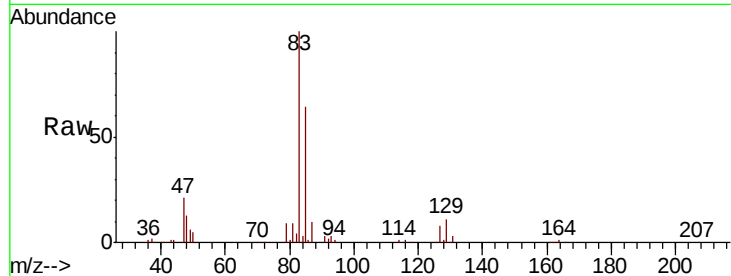
#47
Bromodichloromethane
Concen: 20.098 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	83	Resp	61019
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	50.5	75.7
127	8.2	7.0	10.6

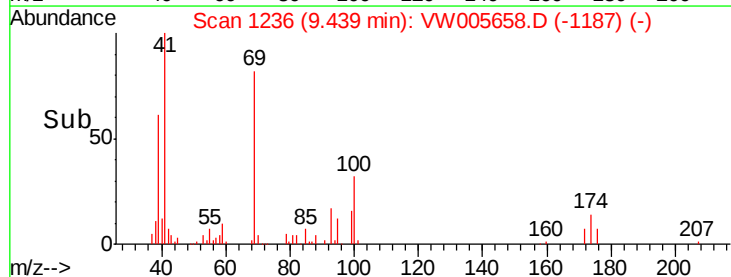
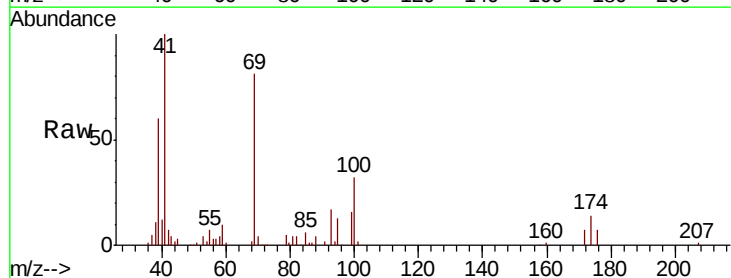
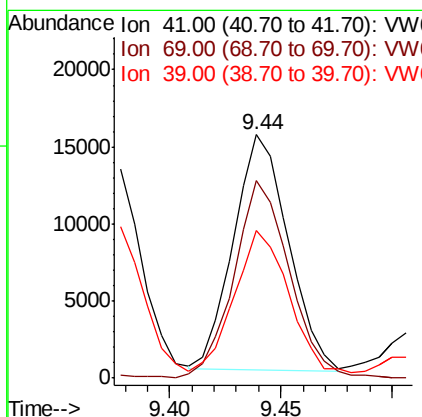
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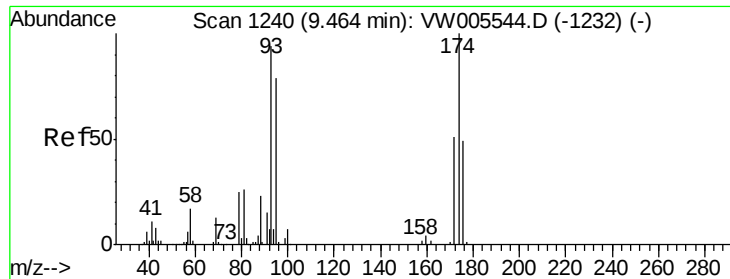
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#48
Methyl methacrylate
Concen: 20.478 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	41	Resp	26115
Ion Ratio	100	Lower	Upper
41	100		
69	85.6	64.7	97.1
39	60.3	50.5	75.7





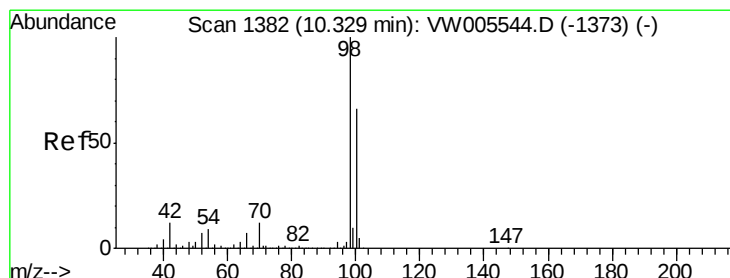
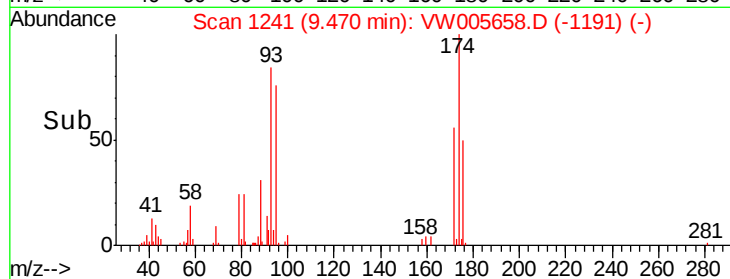
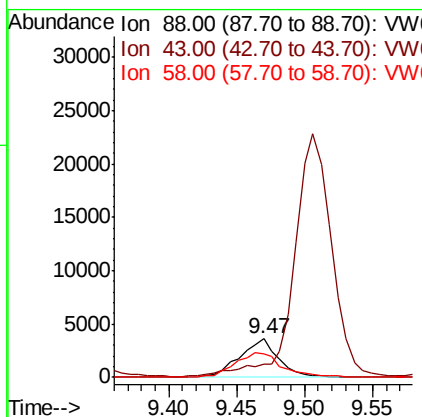
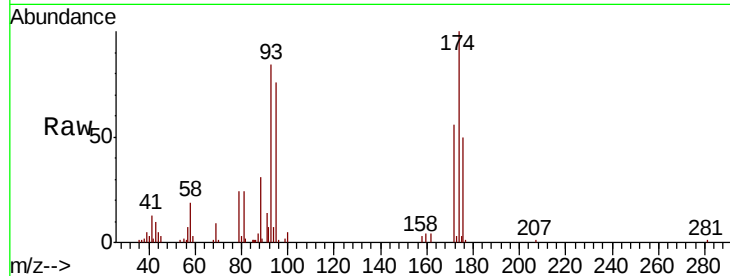
#49
1,4-Dioxane
Concen: 400.245 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.7	61.2	91.8

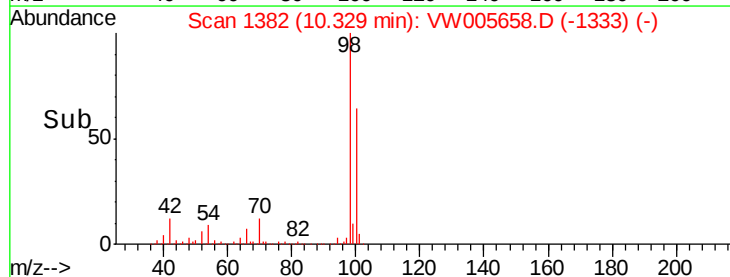
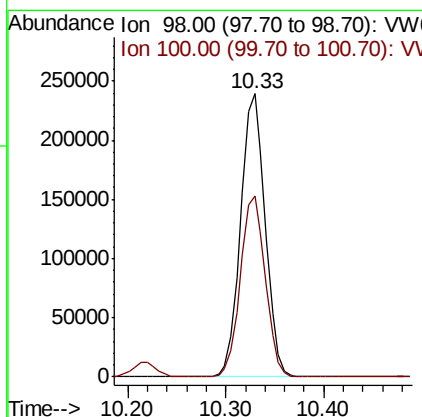
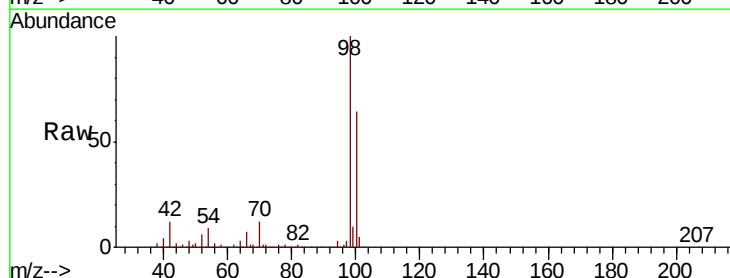
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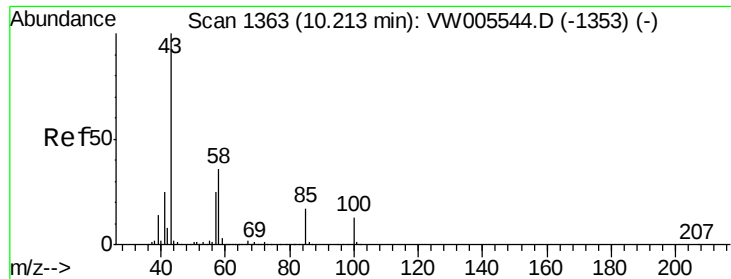
apatel
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#50
Toluene-d8
Concen: 50.343 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4





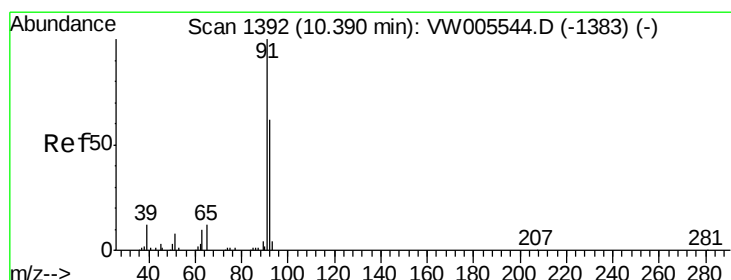
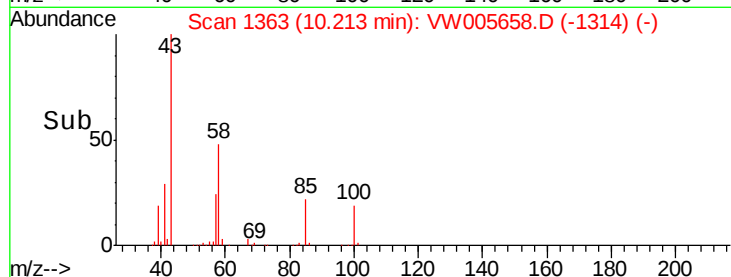
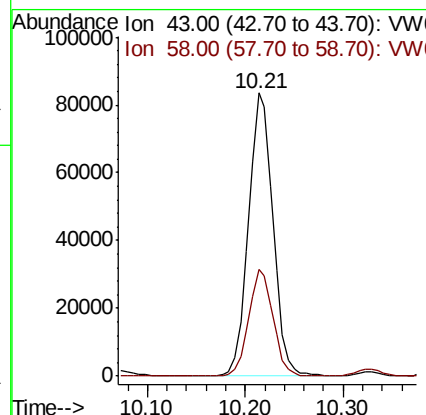
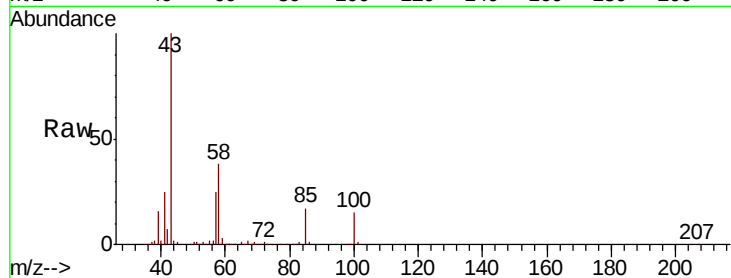
#51
4-Methyl-2-Pentanone
Concen: 107.320 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion: 43 Resp: 145128
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0

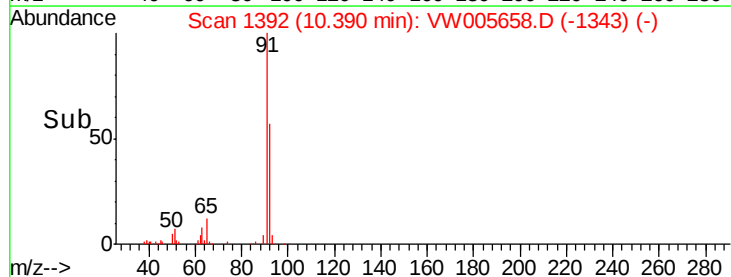
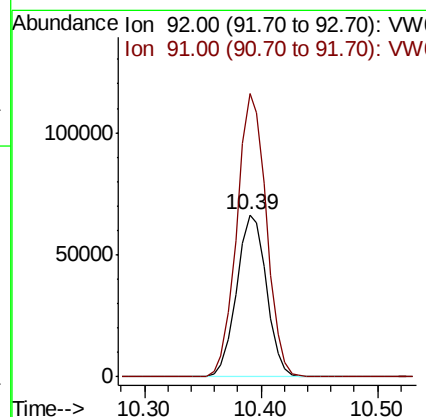
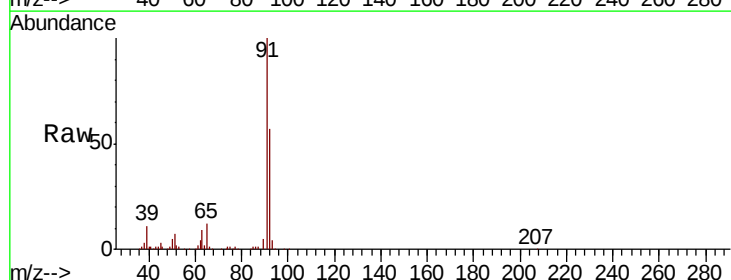
Manual Integrations
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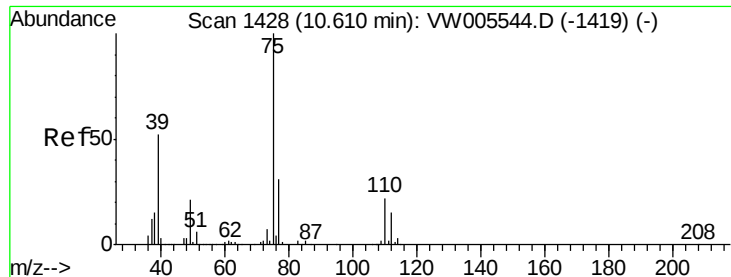
apatel
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#52
Toluene
Concen: 20.626 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion: 92 Resp: 118328
Ion Ratio Lower Upper
92 100
91 173.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.849 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBSD01

Tot Ion: 75 Resp: 63456

Ion Ratio Lower Upper

75 100

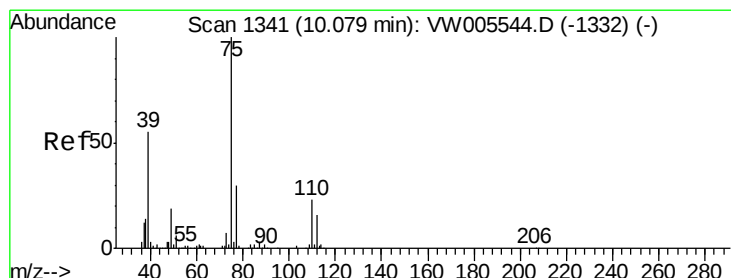
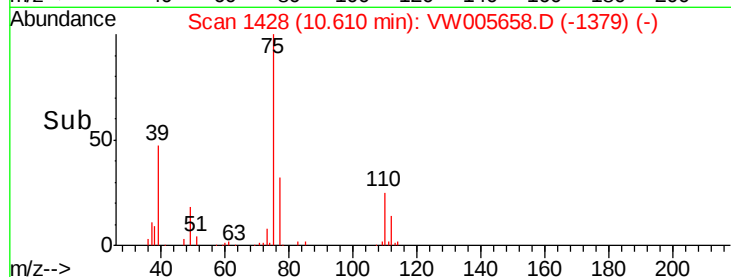
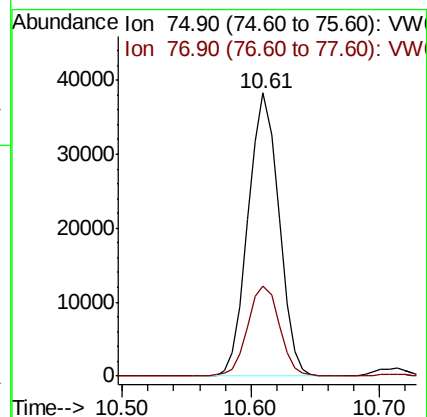
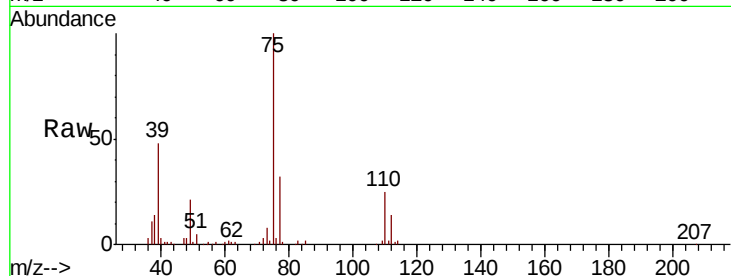
77 31.8 24.6 37.0

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#54

cis-1,3-Dichloropropene

Concen: 20.582 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

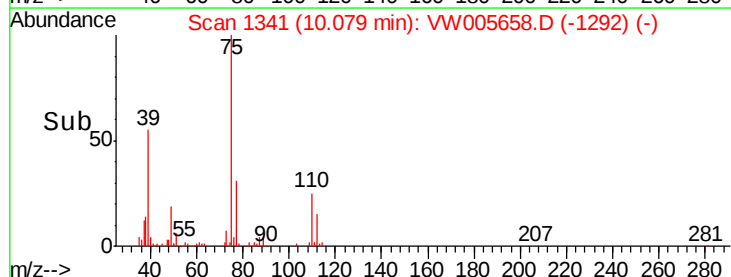
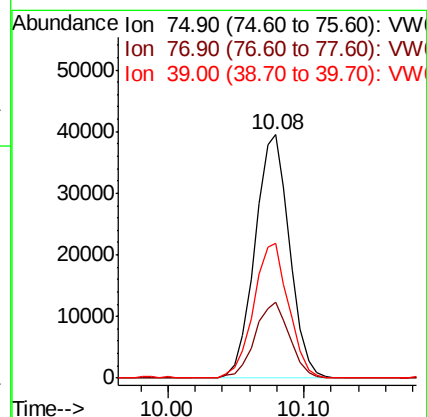
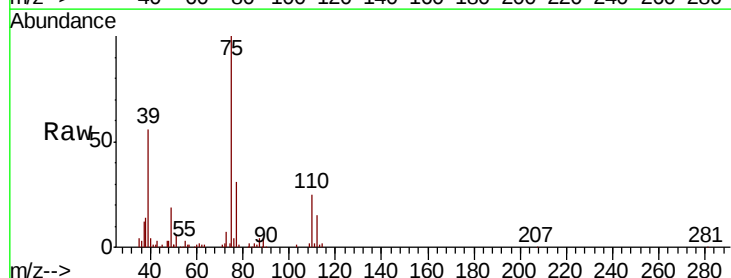
Tgt Ion: 75 Resp: 70189

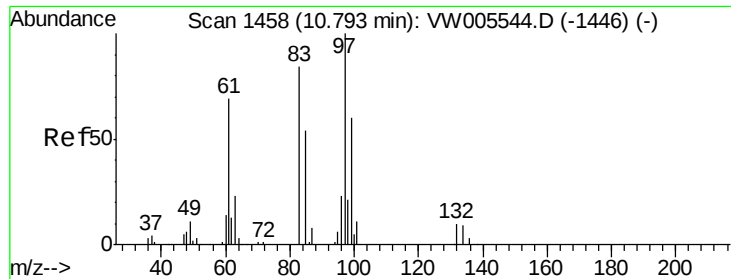
Ion Ratio Lower Upper

75 100

77 31.0 24.3 36.5

39 55.6 43.7 65.5





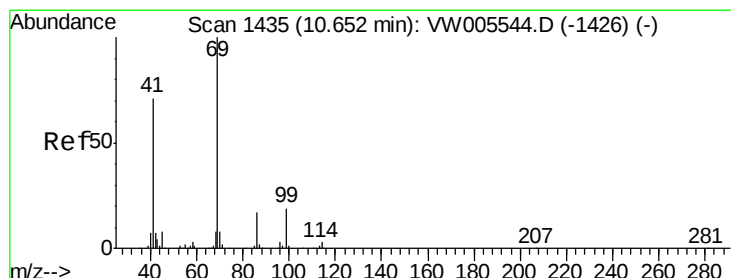
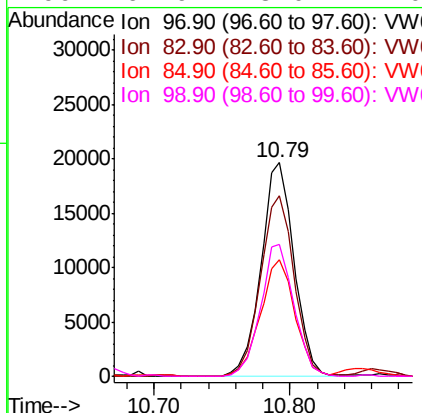
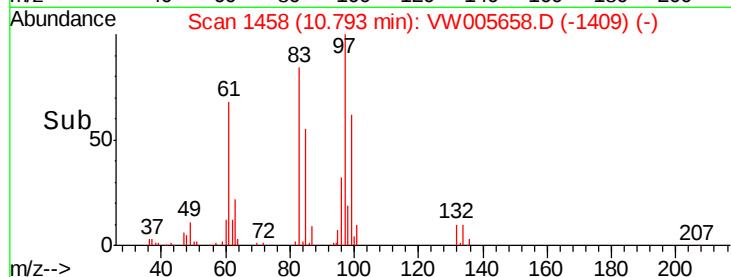
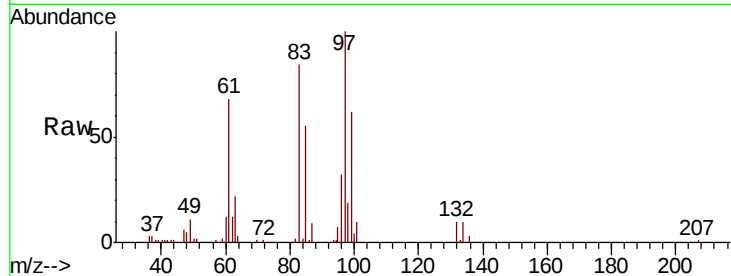
#55
 1,1,2-Trichloroethane
 Concen: 20.816 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion:	97	Resp:	33395
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.2
85	54.8	43.3	64.9
99	61.9	48.0	72.0

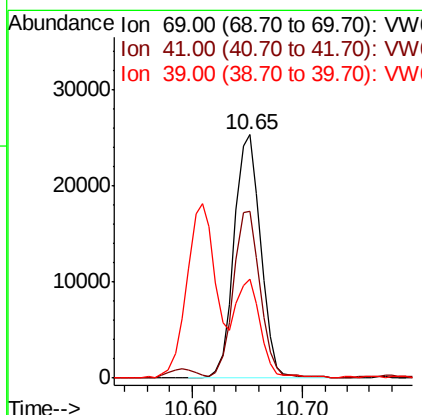
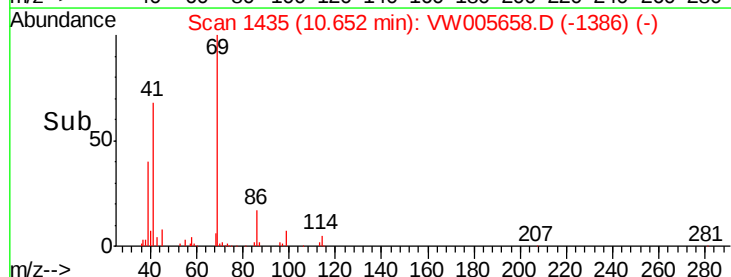
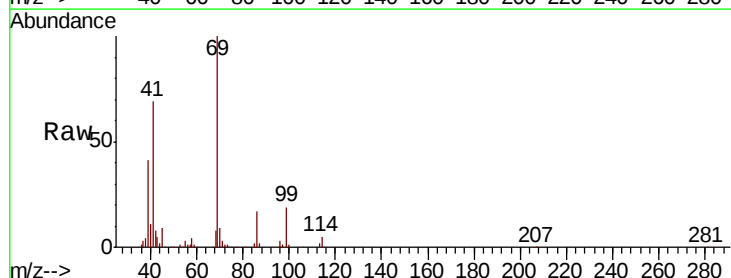
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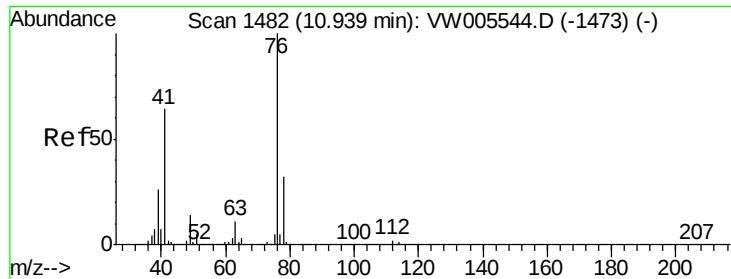
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#56
 Ethyl methacrylate
 Concen: 21.121 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Tgt Ion:	69	Resp:	41830
Ion	Ratio	Lower	Upper
69	100		
41	70.0	57.3	85.9
39	37.4	29.2	43.8





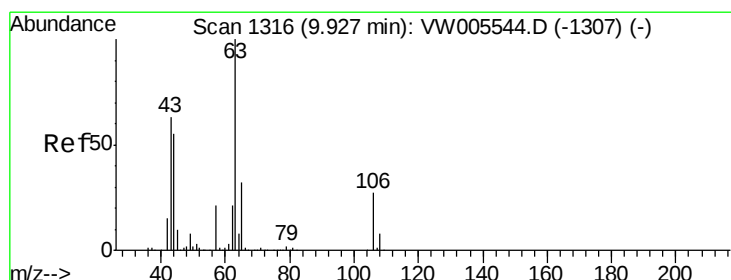
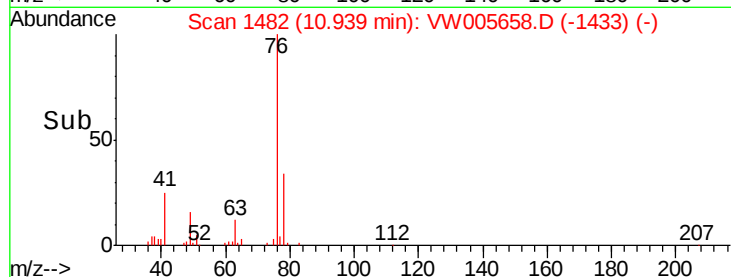
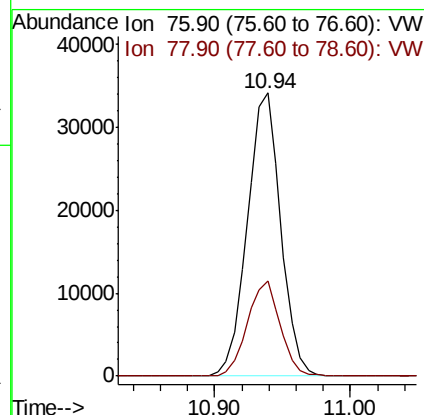
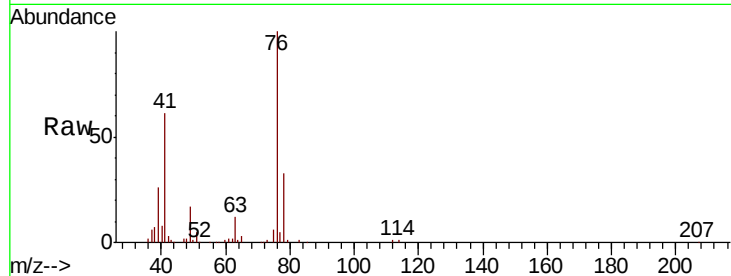
#57
 1,3-Dichloropropane
 Concen: 20.524 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBSD01

Tot Ion: 76 Resp: 58356
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.6 38.4

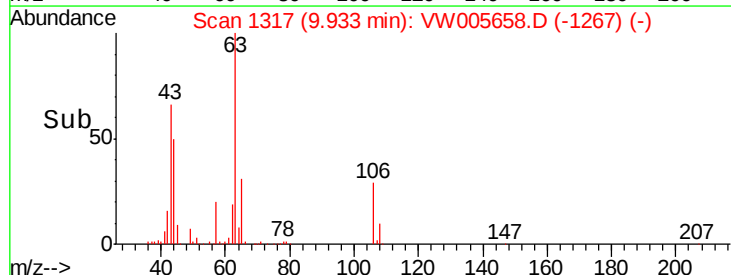
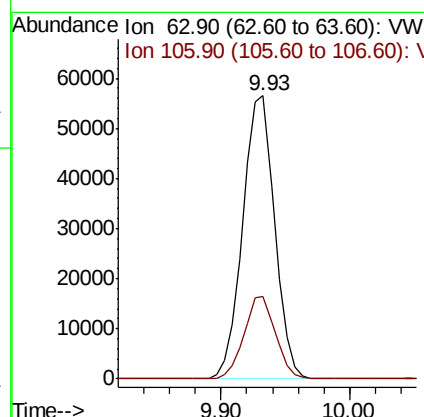
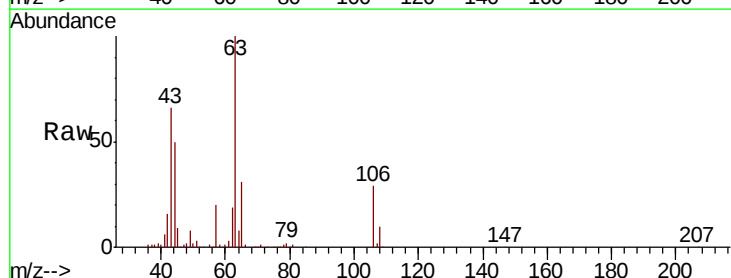
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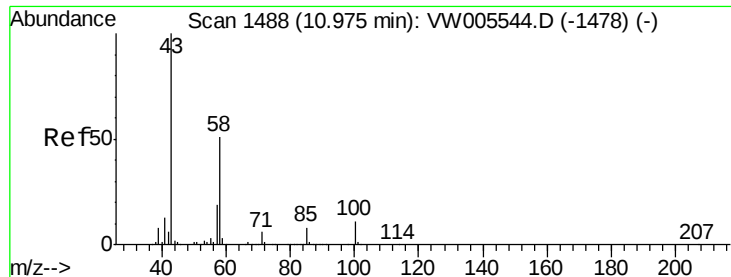
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.722 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Tgt Ion: 63 Resp: 96708
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.6 32.4





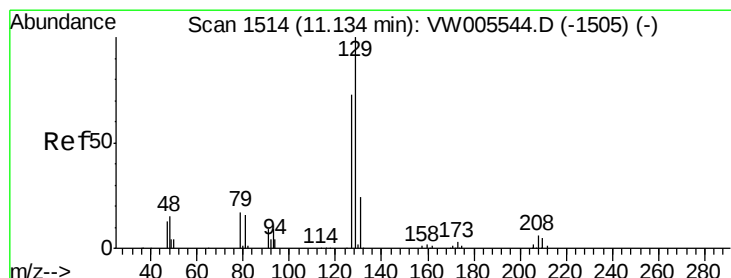
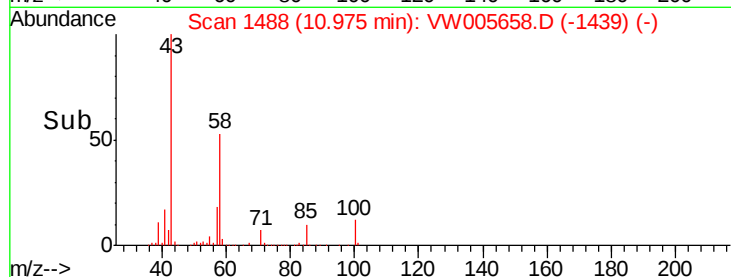
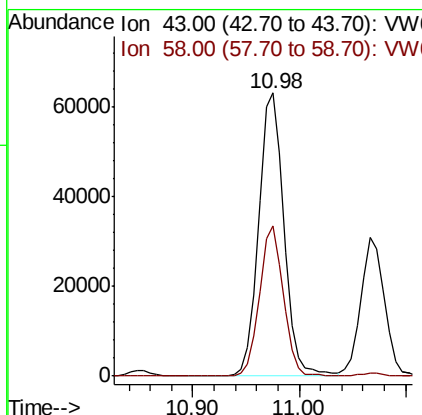
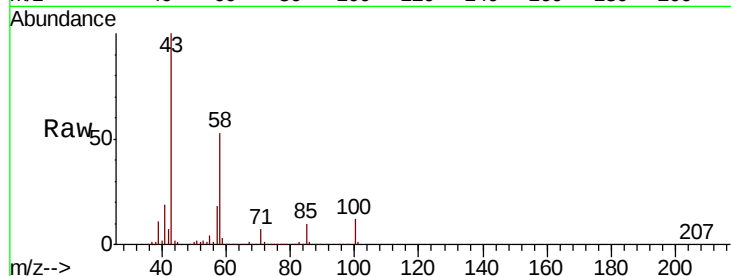
#59
2-Hexanone
Concen: 114.750 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	43	Resp	105414
Ion Ratio	43	100	
Lower	58	50.0	25.3
Upper			75.9

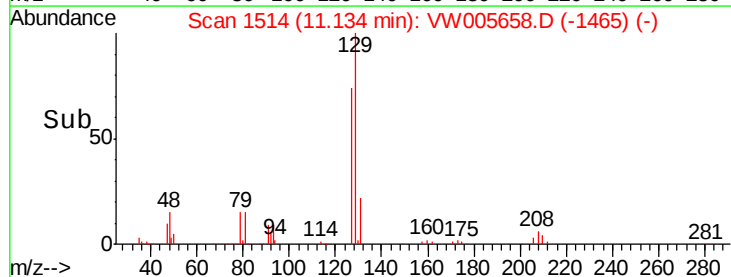
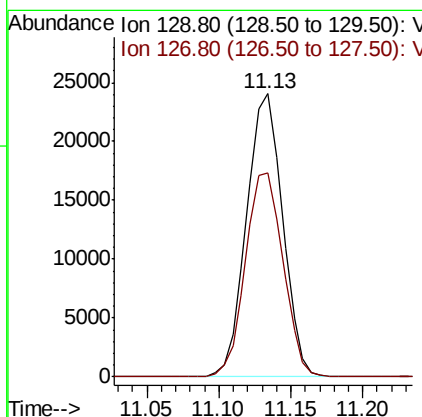
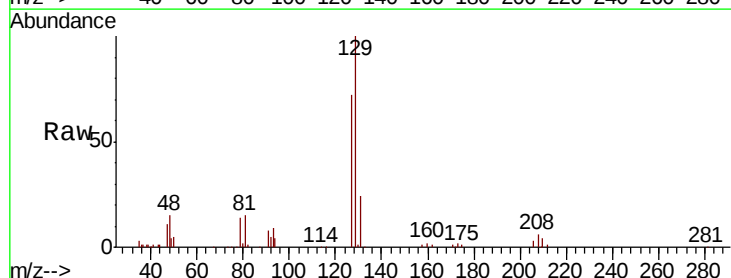
Manual Integrations
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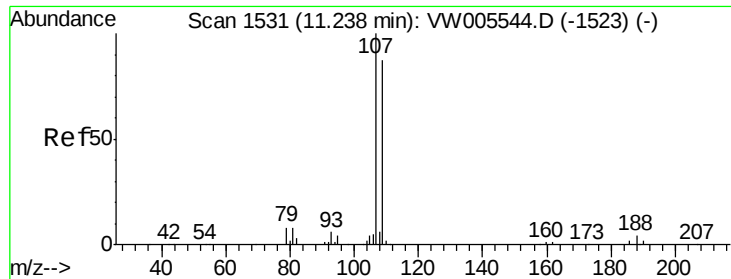
apatel
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#60
Dibromochloromethane
Concen: 21.541 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	129	Resp	41755
Ion Ratio	129	100	
Lower	127	75.2	38.5
Upper			115.5





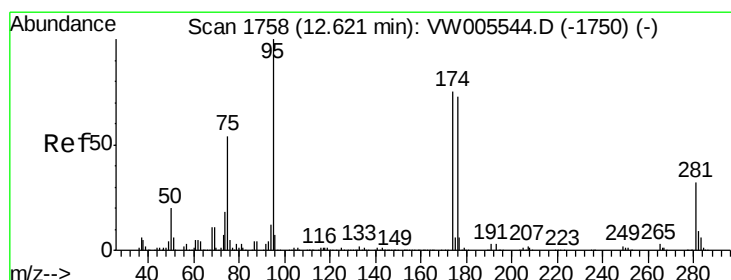
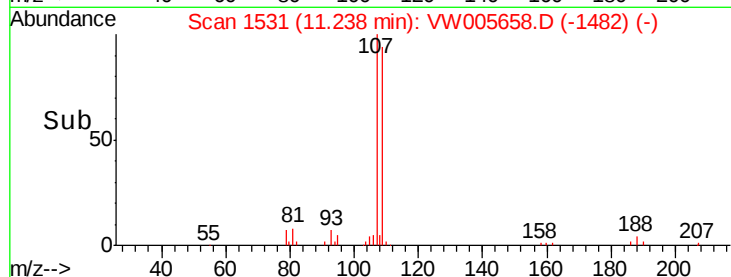
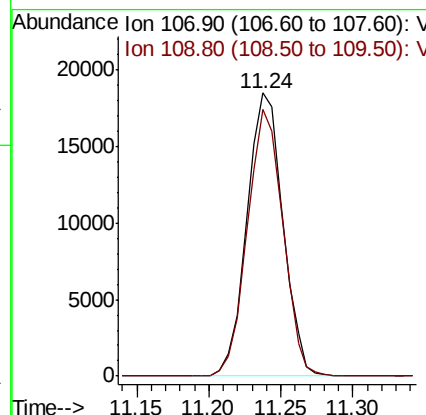
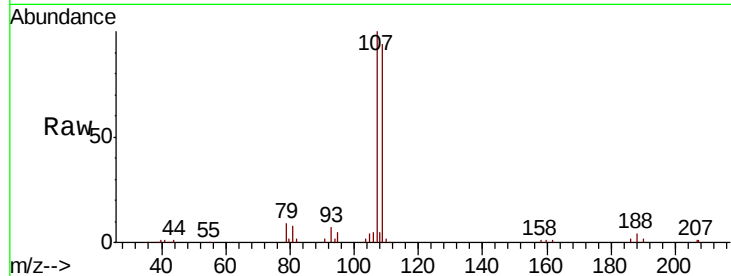
#61
 1,2-Dibromoethane
 Concen: 21.322 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	73.4	110.0

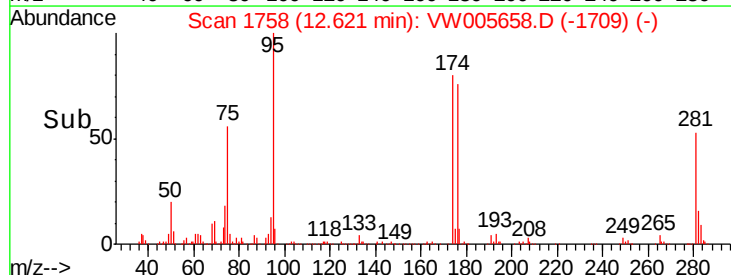
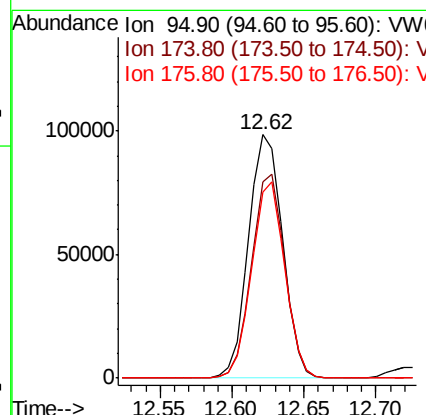
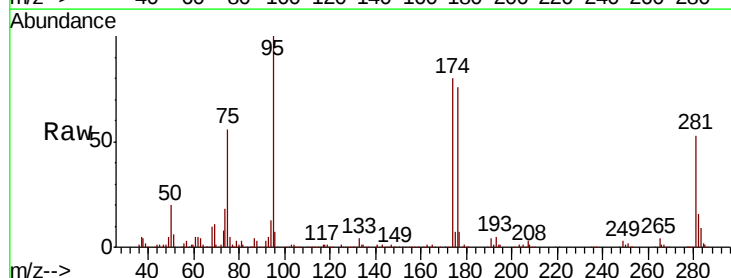
Manual Integrations
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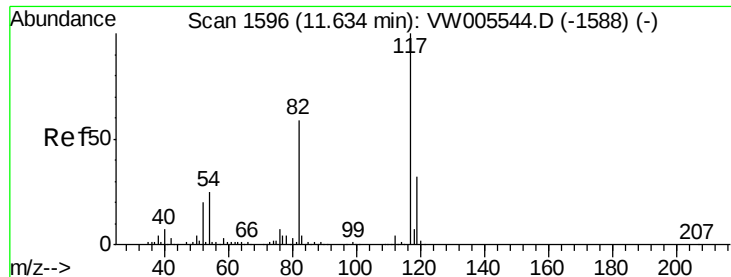
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#62
 4-Bromofluorobenzene
 Concen: 52.553 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	163.8
176	78.2	0.0	158.0





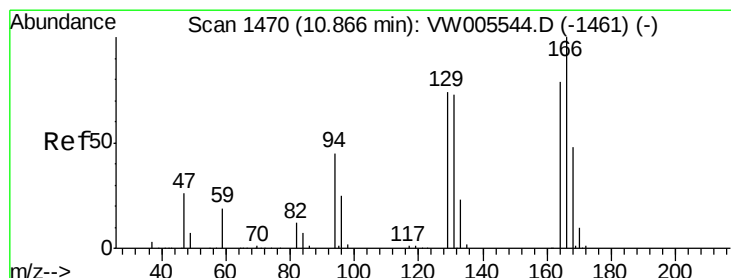
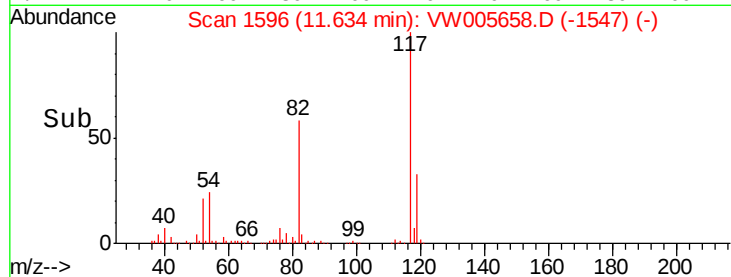
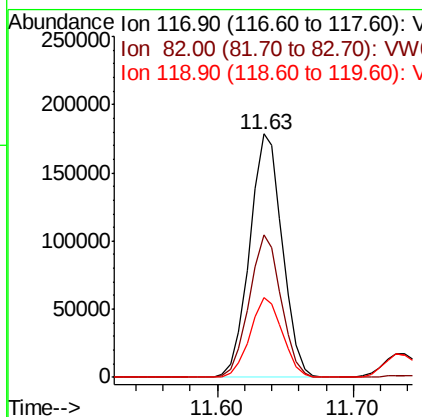
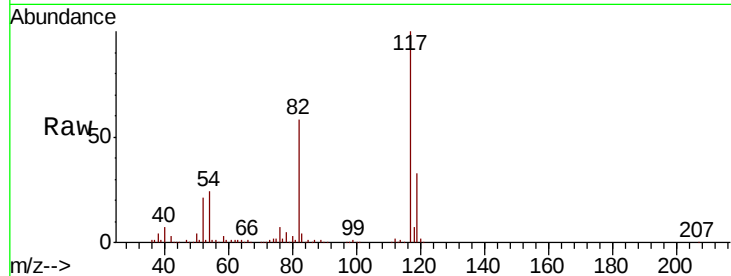
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300795		
82	58.3		46.9	70.3
119	32.7		25.7	38.5

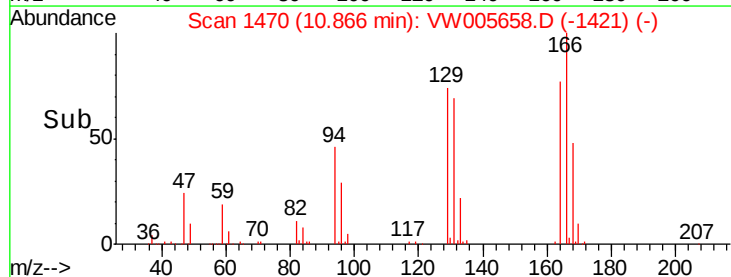
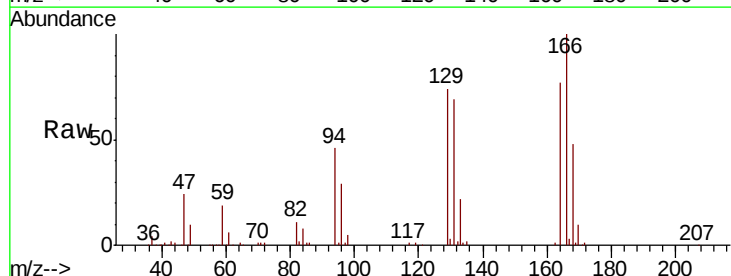
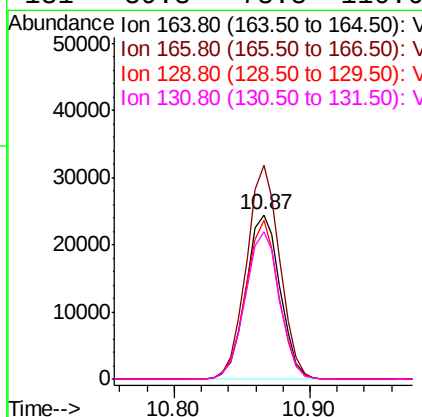
Manual Integrations
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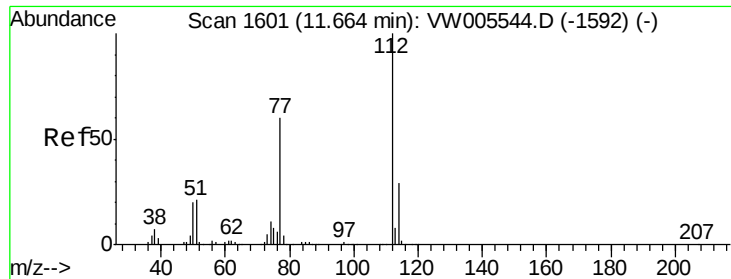
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#64
Tetrachloroethene
Concen: 20.198 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43121		
166	130.1		101.1	151.7
129	96.4		74.4	111.6
131	89.3		73.8	110.6





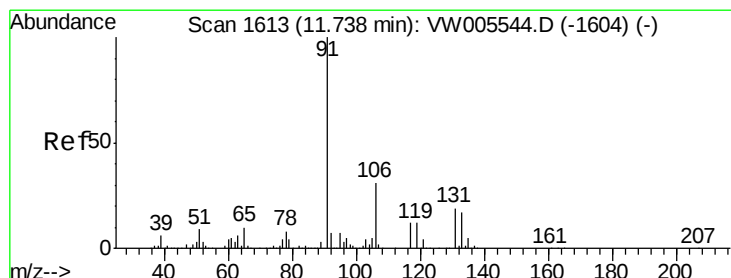
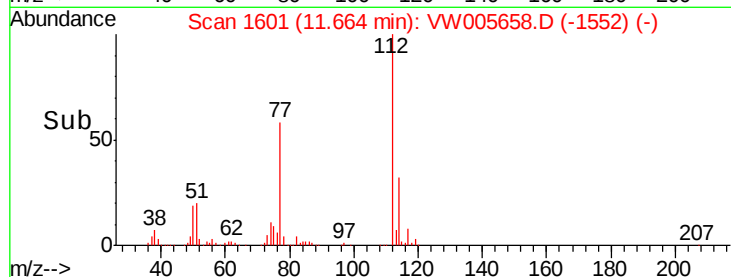
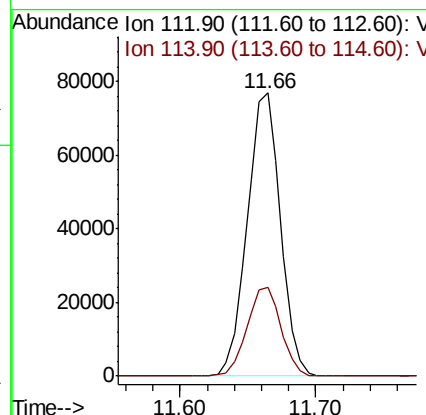
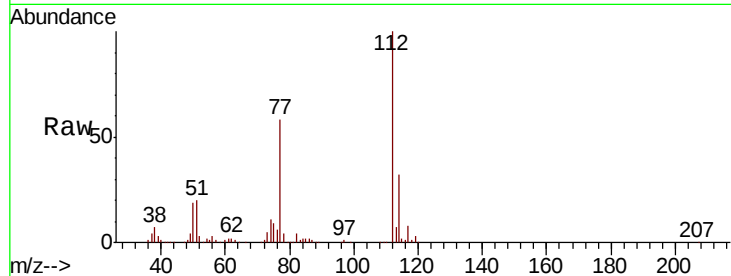
#65
Chlorobenzene
Concen: 20.574 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	131376		
114	31.5	22.9	34.3	

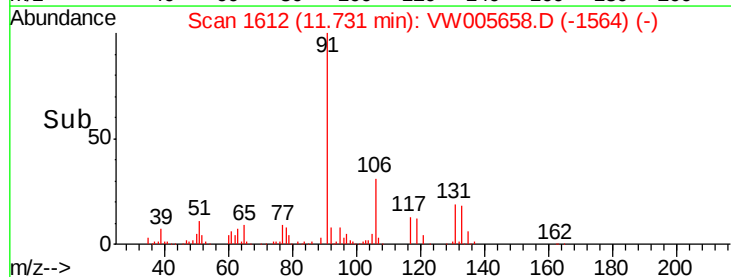
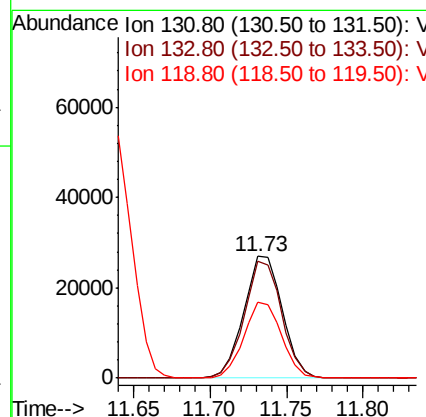
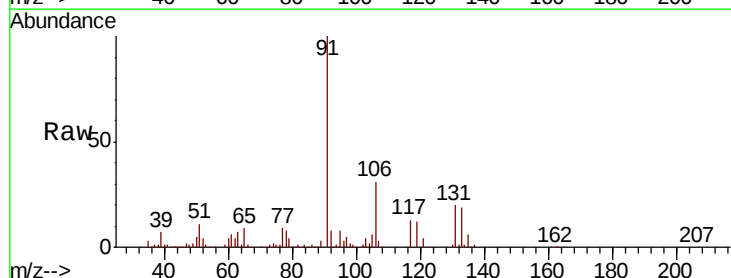
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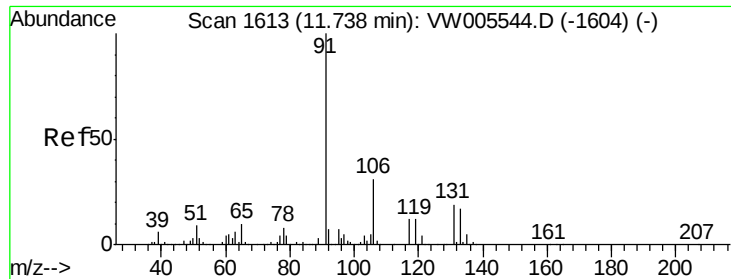
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.423 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	46936		
133	94.1	47.2	141.6	
119	61.1	31.1	93.2	





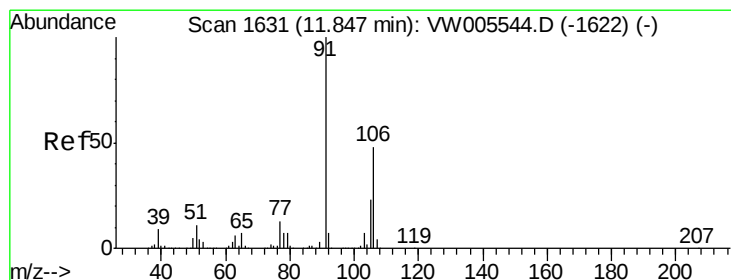
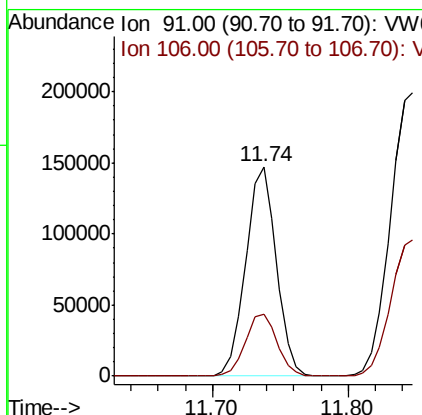
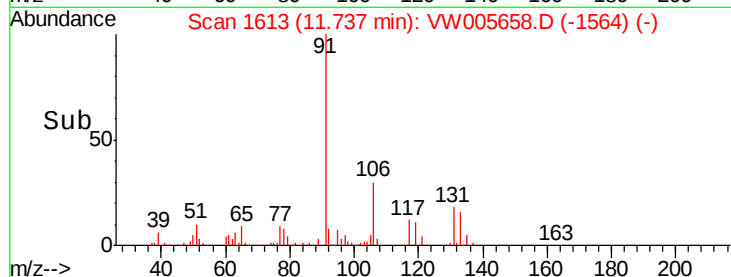
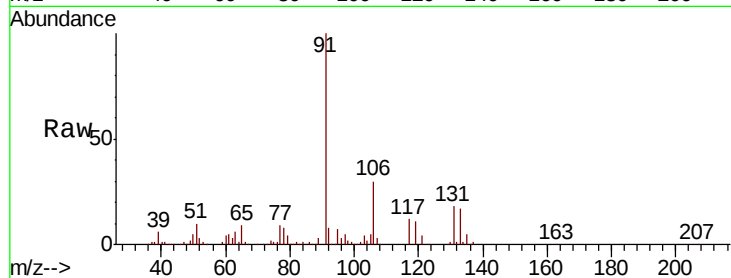
#67
Ethyl Benzene
Concen: 20.466 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion: 91 Resp: 231964
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6

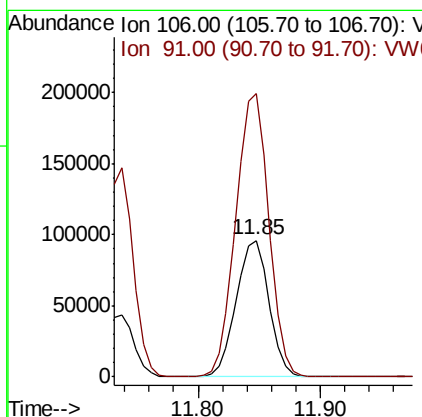
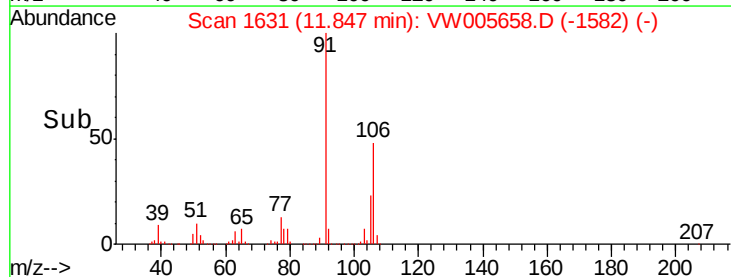
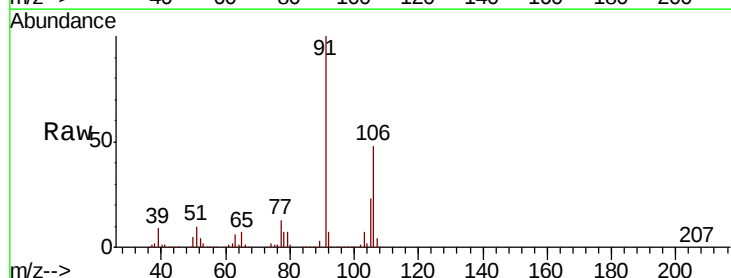
Manual Integrations
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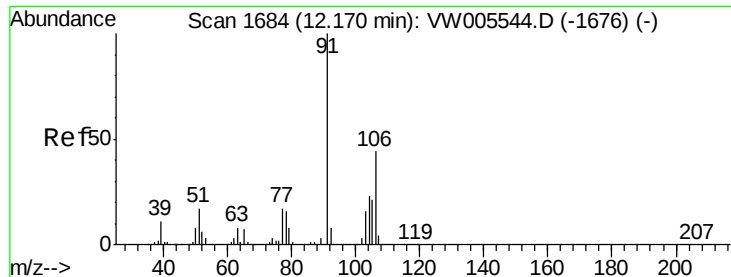
apatel
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#68
m/p-Xylenes
Concen: 41.456 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion: 106 Resp: 177520
Ion Ratio Lower Upper
106 100
91 209.8 167.8 251.8





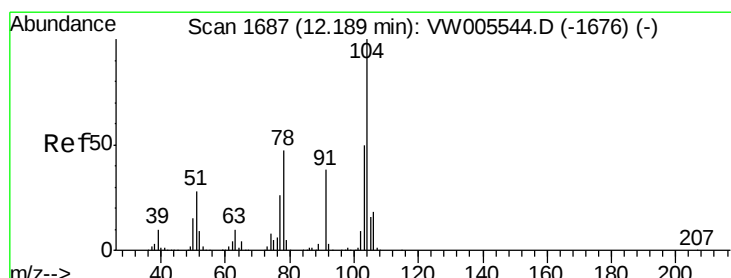
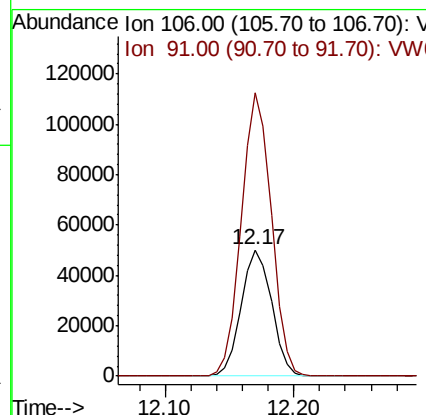
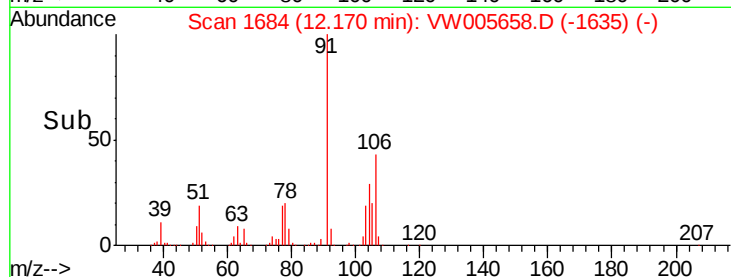
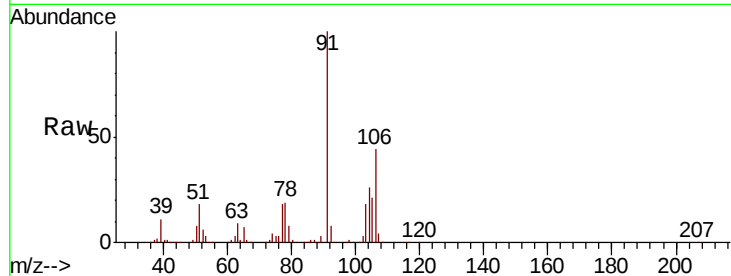
#69
o-Xylene
Concen: 20.496 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion:106 Resp: 82199
Ion Ratio Lower Upper
106 100
91 221.4 111.0 333.0

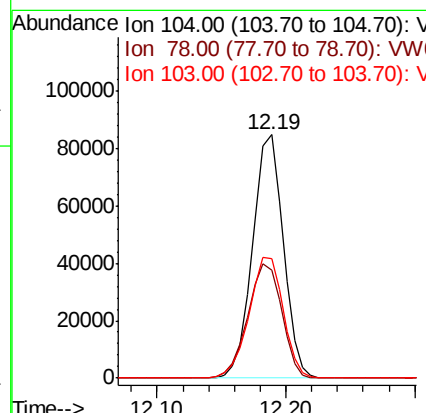
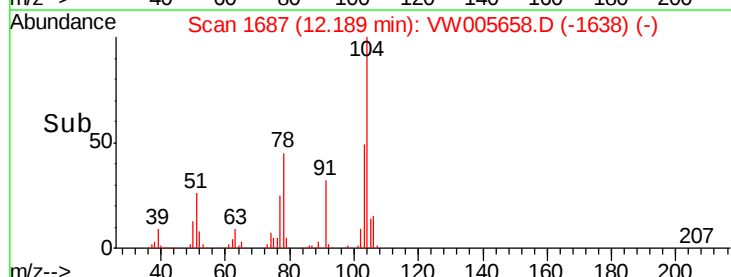
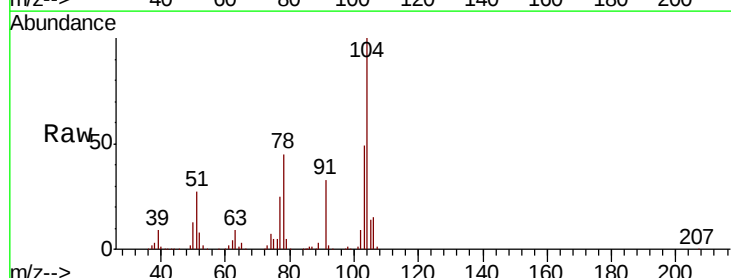
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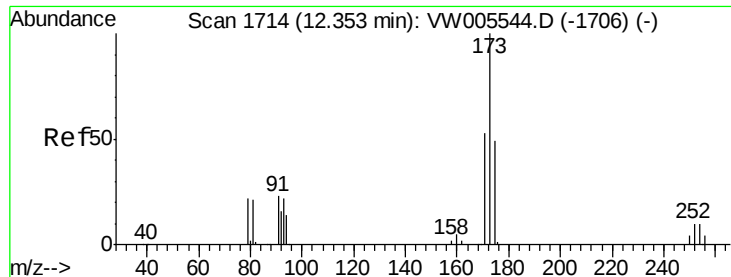
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#70
Styrene
Concen: 20.672 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion:104 Resp: 139515
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 55.2 44.6 66.8





#71

Bromoform

Concen: 21.426 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

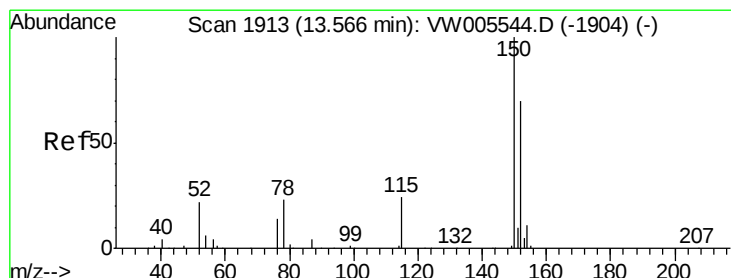
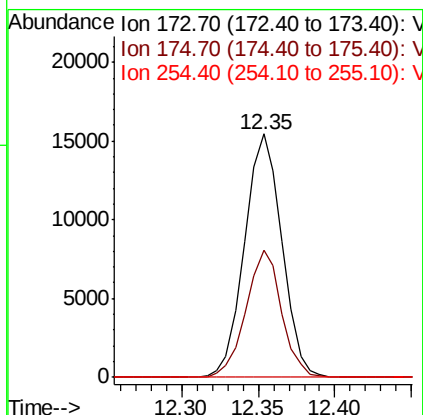
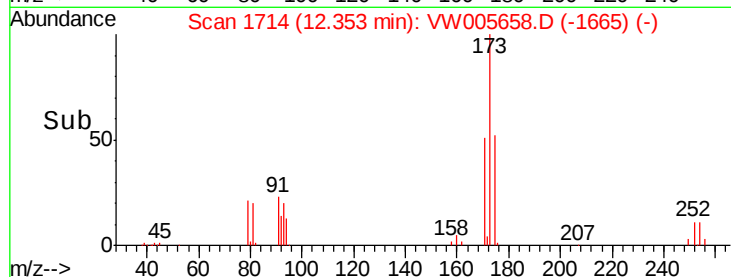
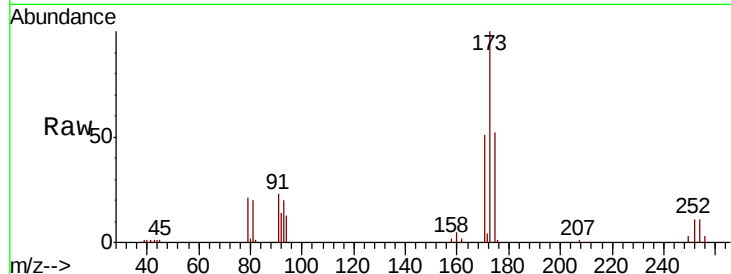
ClientSampleId :

VW0926SBSD01

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

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

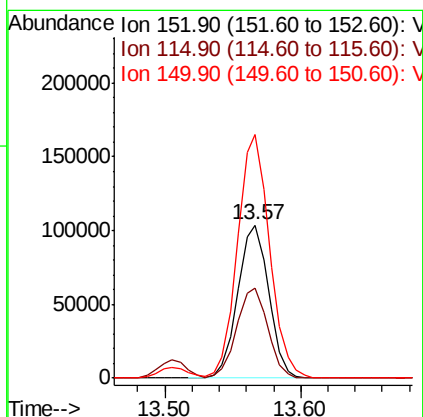
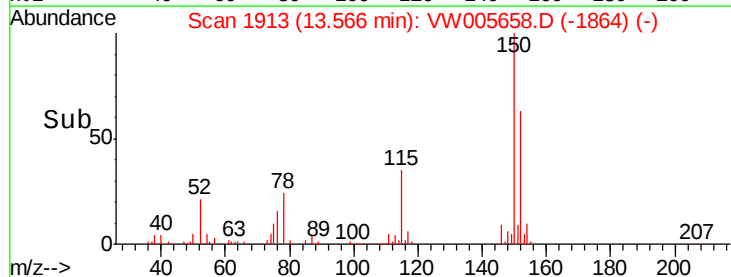
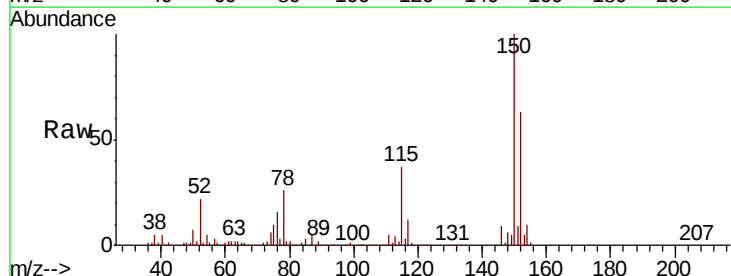
RT: 13.57 min Scan# 1913

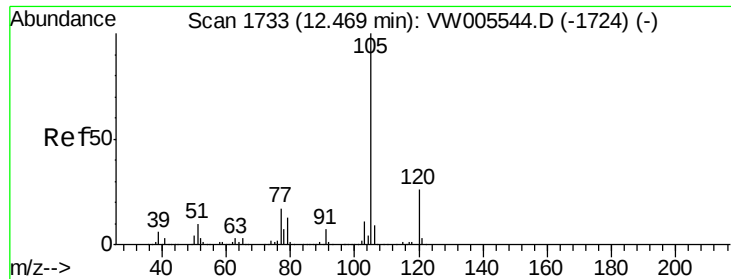
Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.0	90.0
150	164.4	0.0	348.6





#73

Isopropylbenzene

Concen: 20.738 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBSD01

Tot Ion:105 Resp: 236489

Ion Ratio Lower Upper

105 100

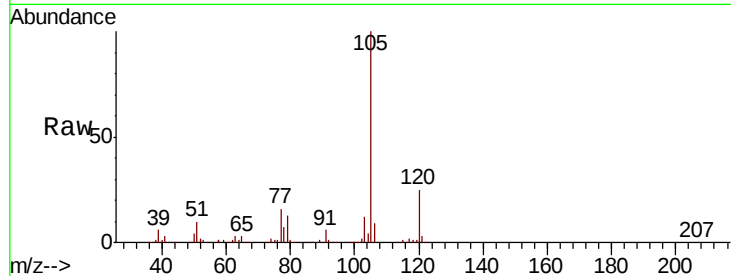
120 25.9 12.9 38.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

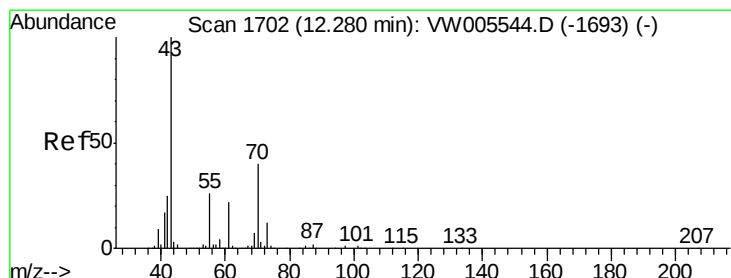
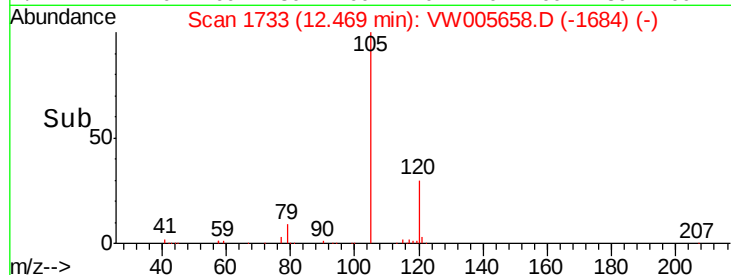
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.605 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion: 43 Resp: 53207

Ion Ratio Lower Upper

43 100

70 40.7 31.4 47.0

55 26.3 20.9 31.3

61 23.4 17.8 26.6

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

50000

40000

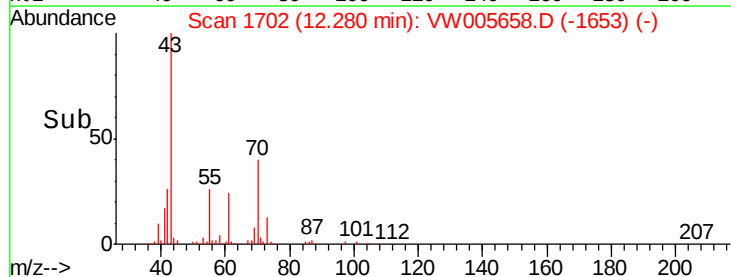
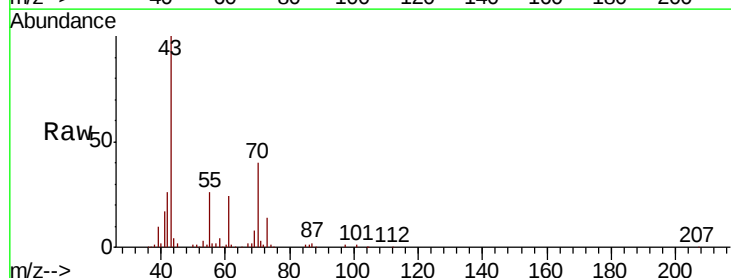
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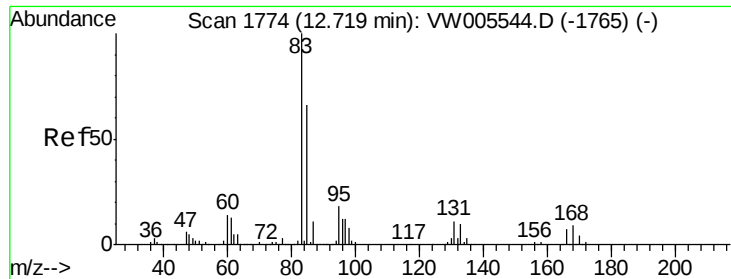
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.110 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

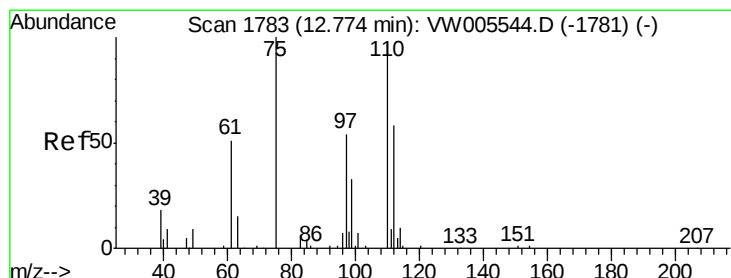
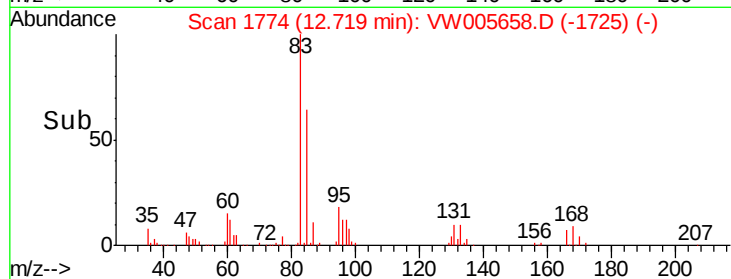
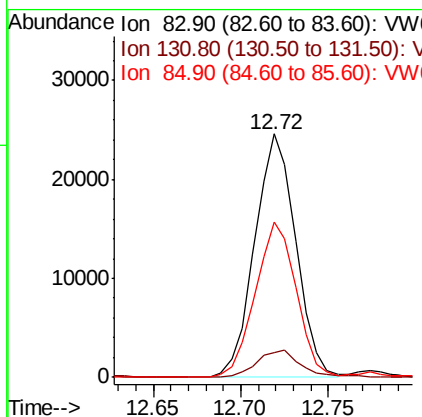
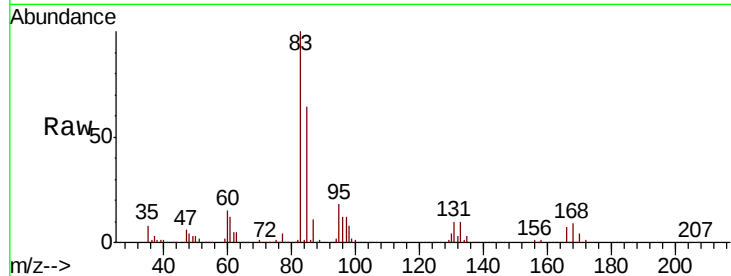
ClientSampleId :

VW0926SBSD01

Tot Ion:	83	Resp:	39986
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.5	16.7
85	63.9	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 24.239 ug/l m

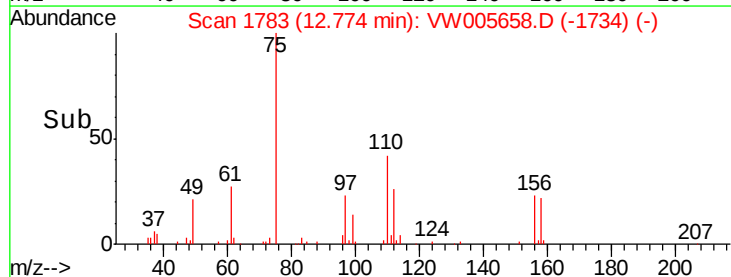
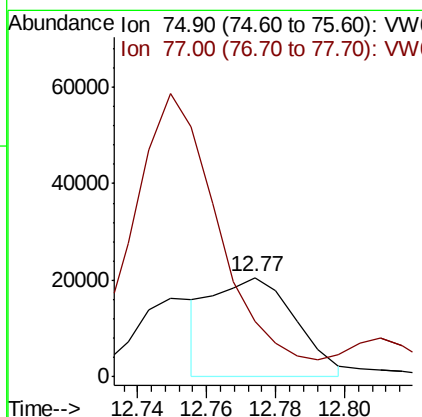
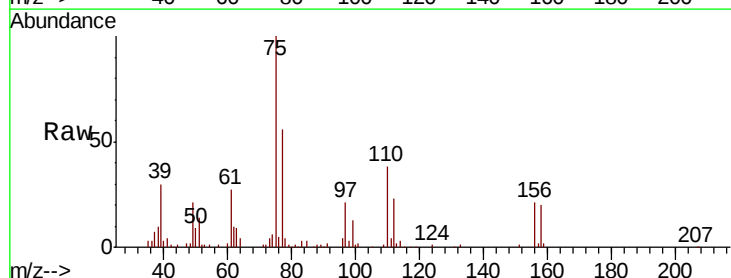
RT: 12.77 min Scan# 1783

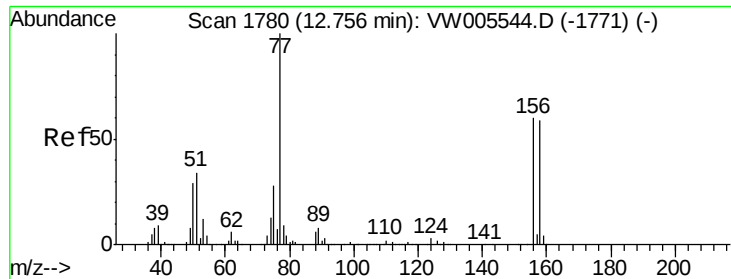
Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion:	75	Resp:	33978
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.881 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

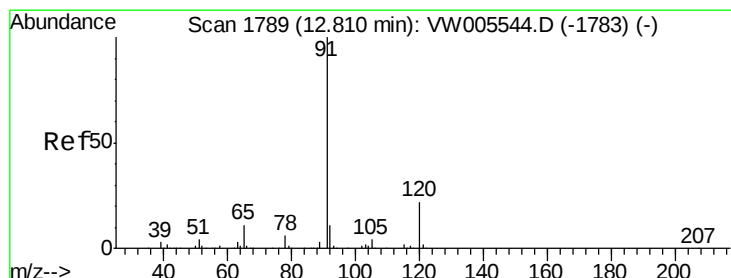
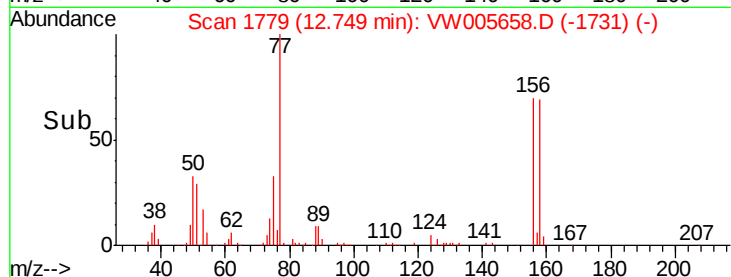
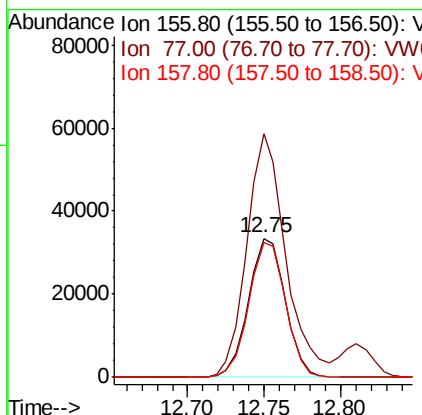
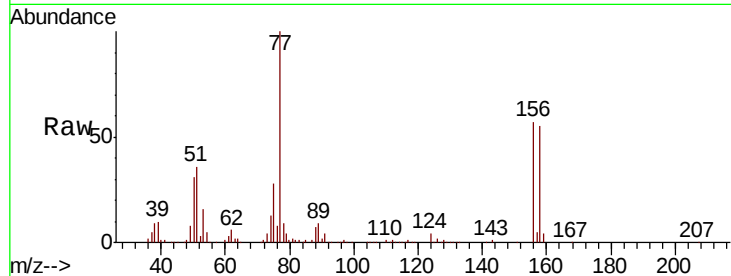
ClientSampleId :

VW0926SBSD01

Tot Ion:	156	Resp:	55811
Ion Ratio	Lower	Upper	
156	100		
77	186.1	94.7	284.1
158	97.1	48.0	144.2

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#78

n-propylbenzene

Concen: 20.815 ug/l

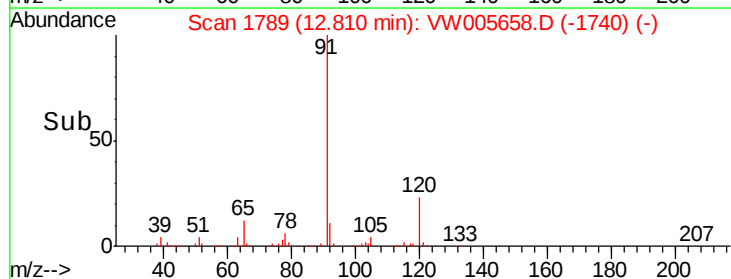
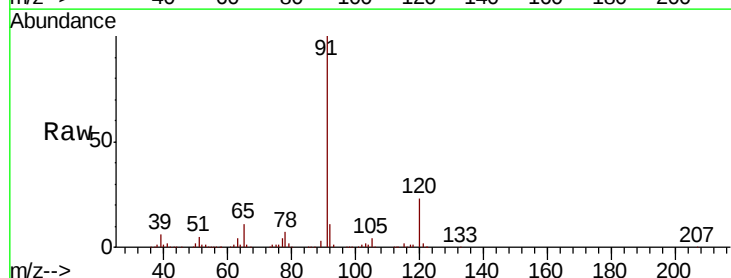
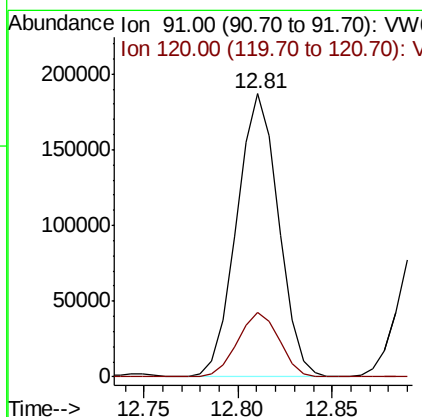
RT: 12.81 min Scan# 1789

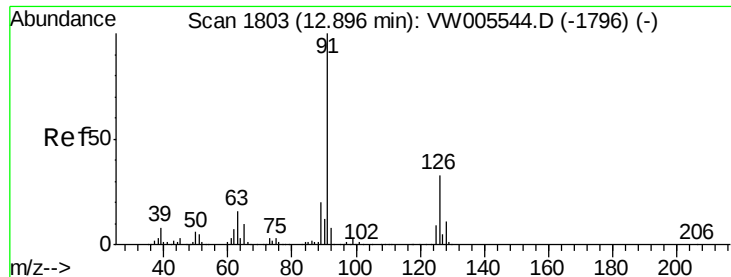
Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion:	91	Resp:	287379
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.2	33.5





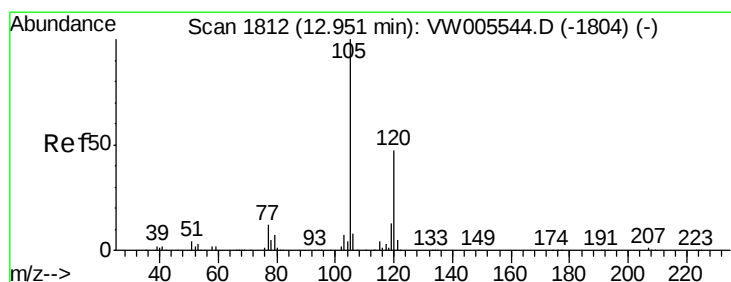
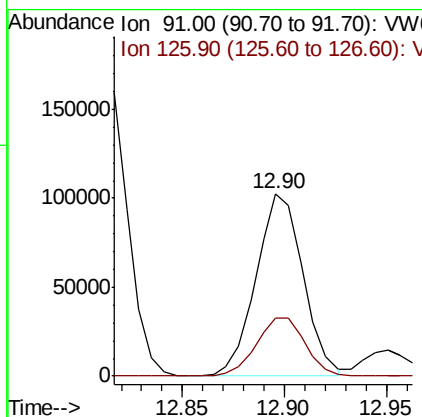
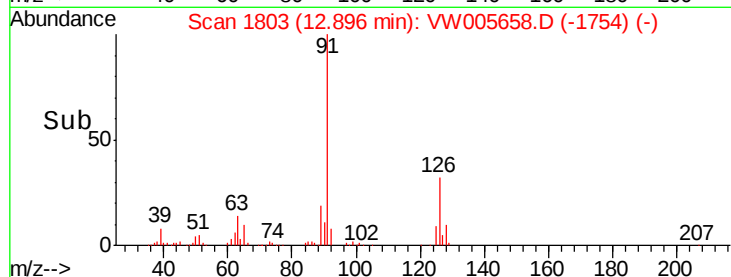
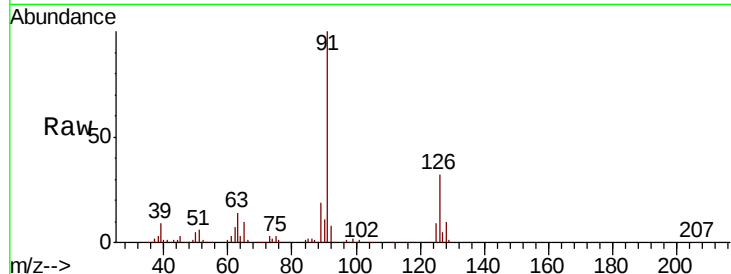
#79
 2-Chlorotoluene
 Concen: 20.614 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Instrument :
 MSVOA_W
 ClientSampled :
 VW0926SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.1

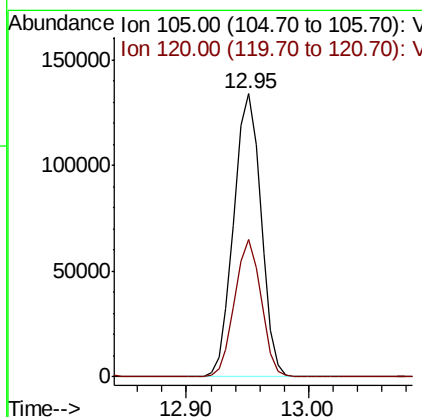
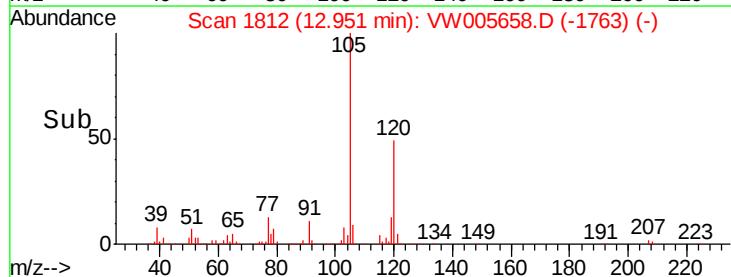
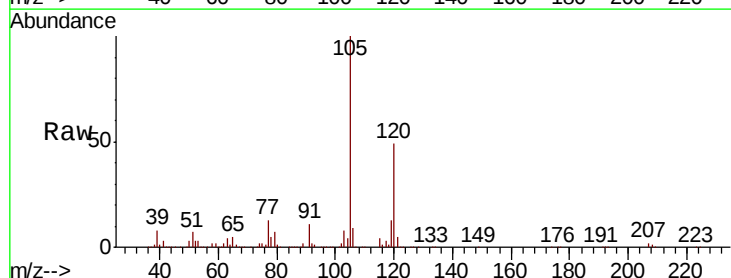
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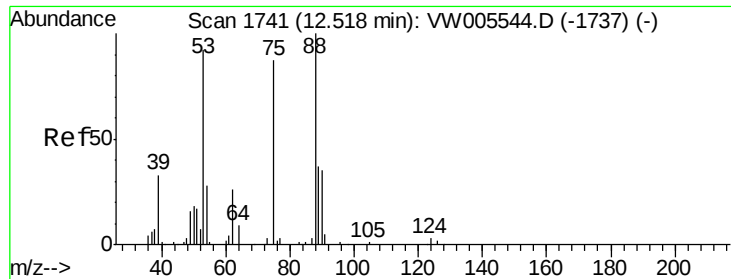
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.880 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005658.D
 Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.6	70.8





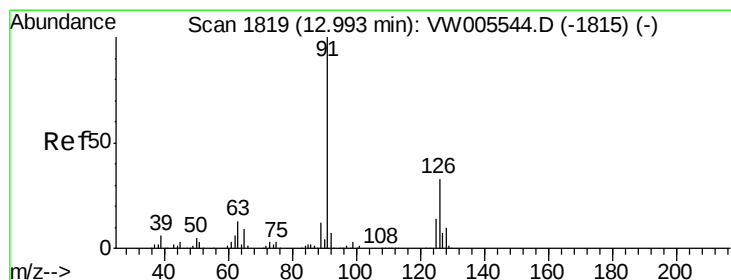
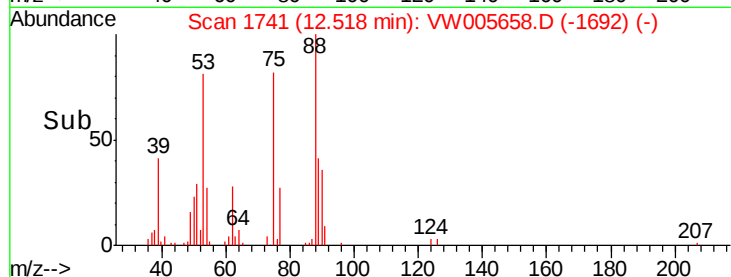
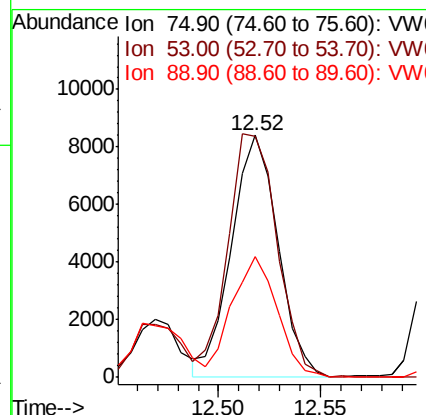
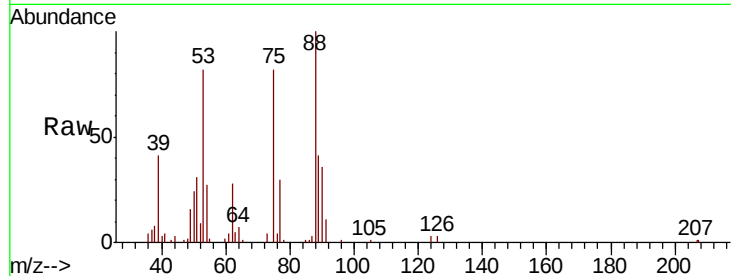
#81
trans-1,4-Dichloro-2-butene
Concen: 21.400 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.4	85.8	128.6
89	48.6	37.3	55.9

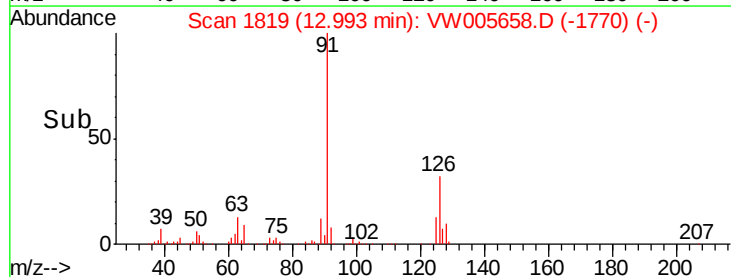
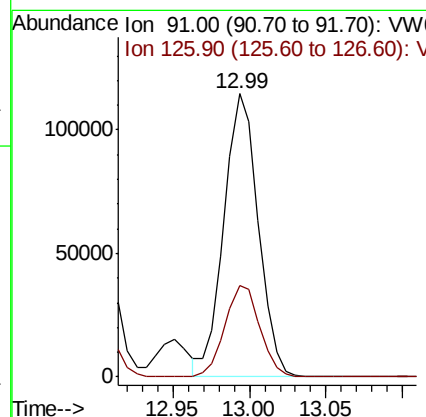
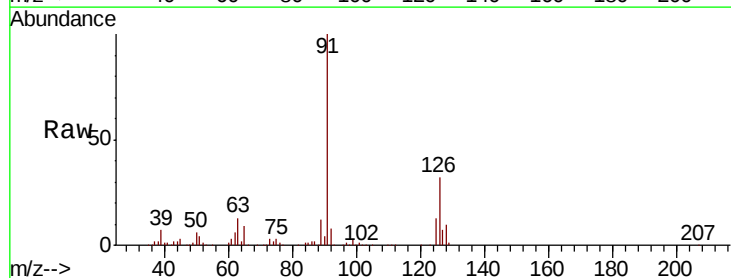
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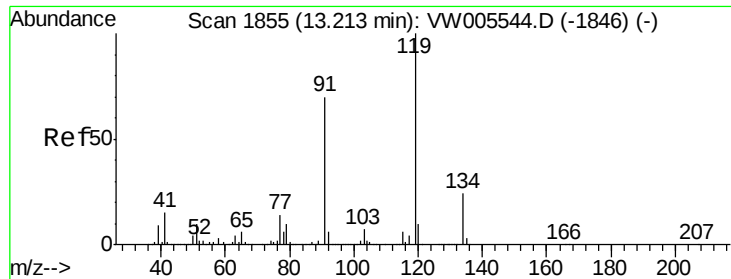
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#82
4-Chlorotoluene
Concen: 21.187 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





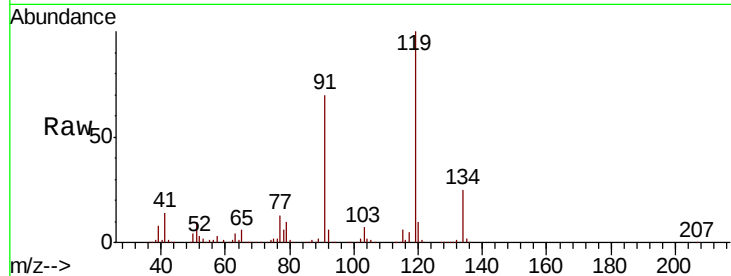
#83
tert-Butylbenzene
Concen: 20.732 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.7	34.6	103.8
134	23.5	12.6	37.6

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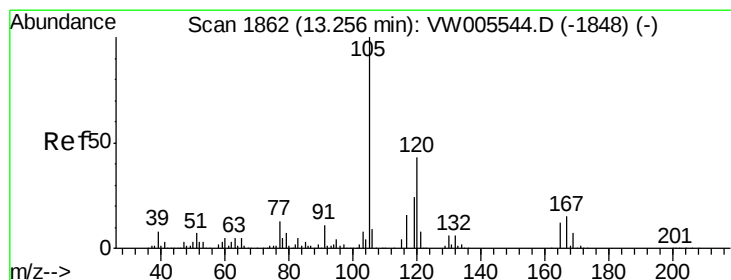
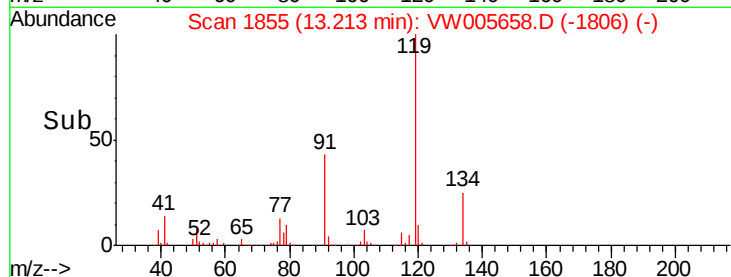
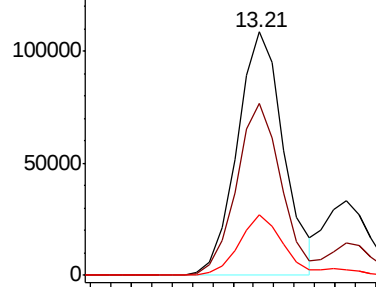


Abundance

Ion 119.00 (118.70 to 119.70): V

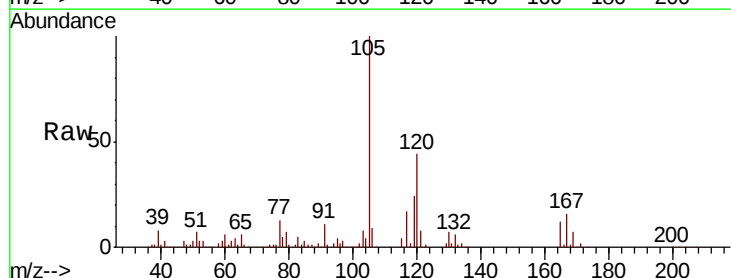
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 21.068 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

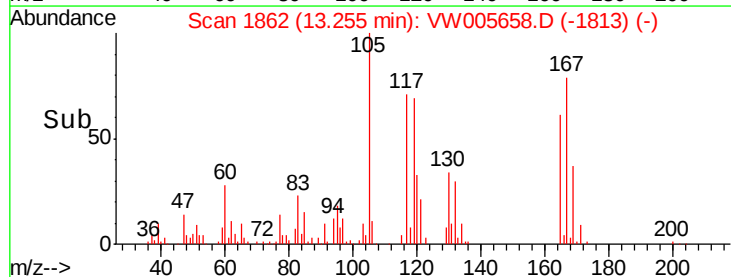
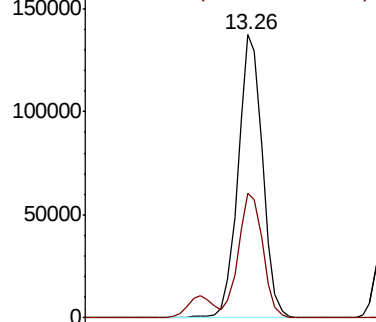
Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.5	64.5



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.066 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBSD01

Tot Ion:105 Resp: 254528

Ion Ratio Lower Upper

105 100

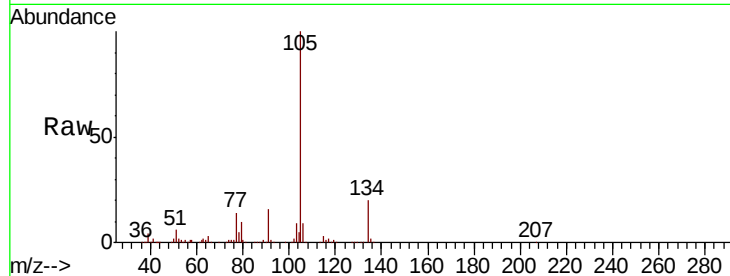
134 19.8 9.8 29.5

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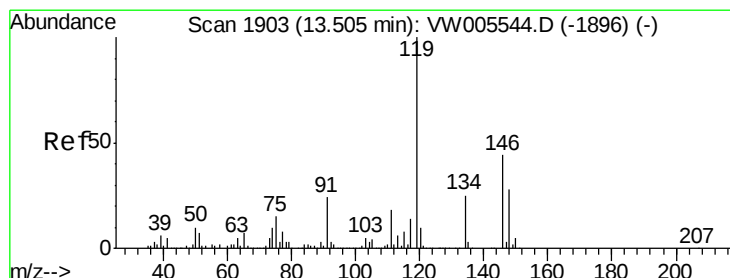
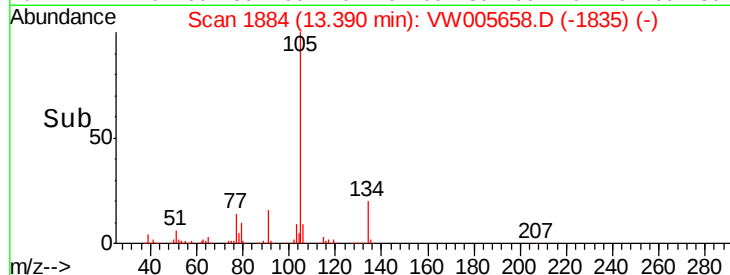
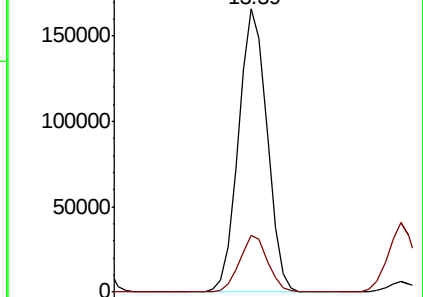
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.493 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

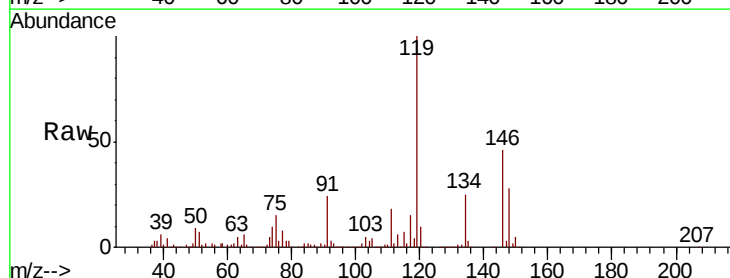
Tgt Ion:119 Resp: 232758

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

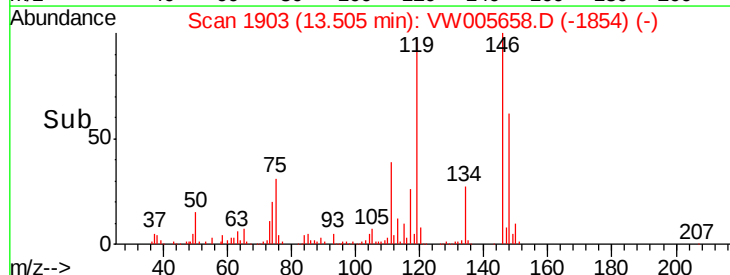
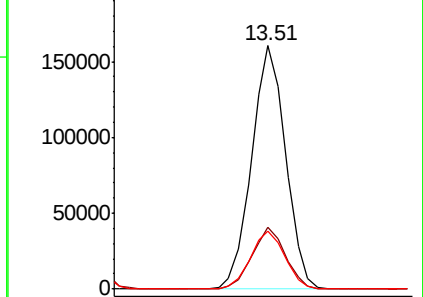
91 24.1 12.2 36.4

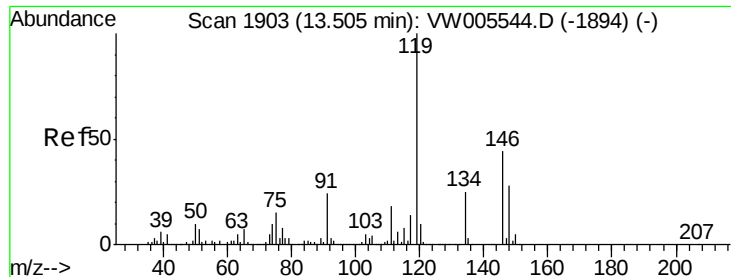


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.009 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

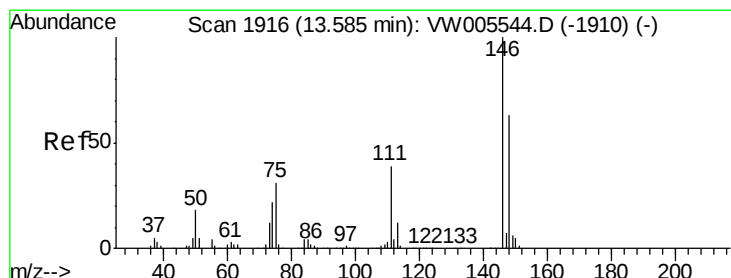
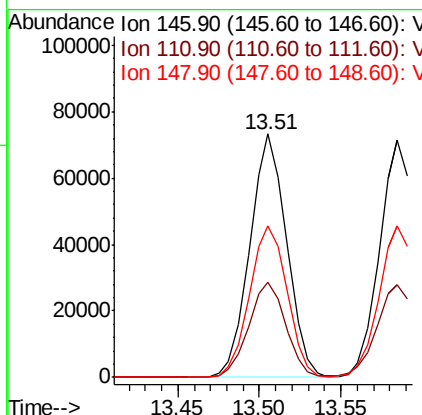
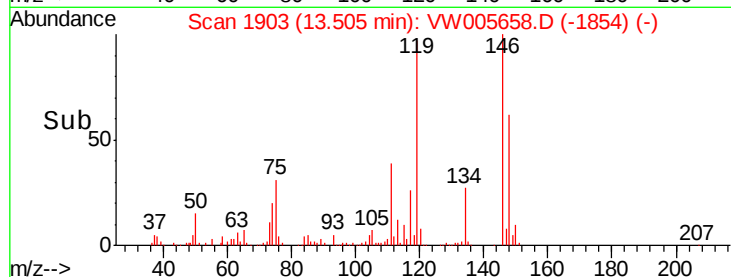
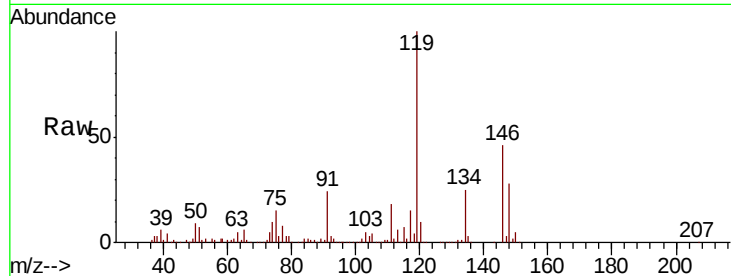
Instrument :
MSVOA_W

ClientSampleId :
VW0926SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114820		
111	39.5	20.3	60.9	
148	63.8	31.8	95.4	

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#88

1,4-Dichlorobenzene

Concen: 20.601 ug/l

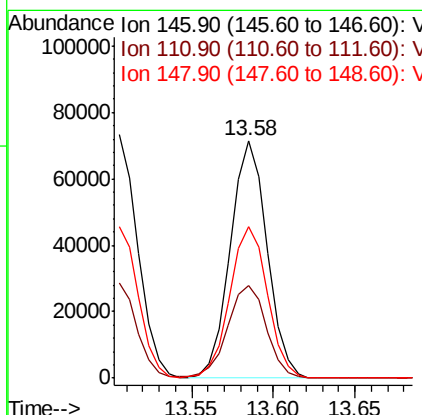
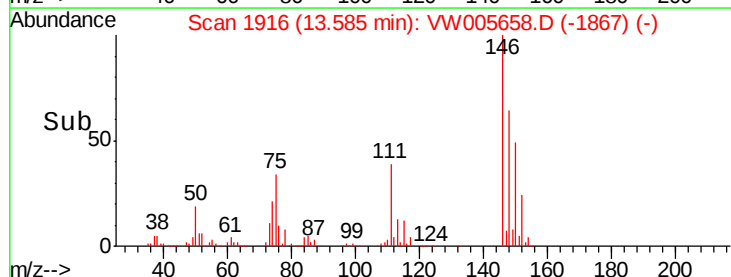
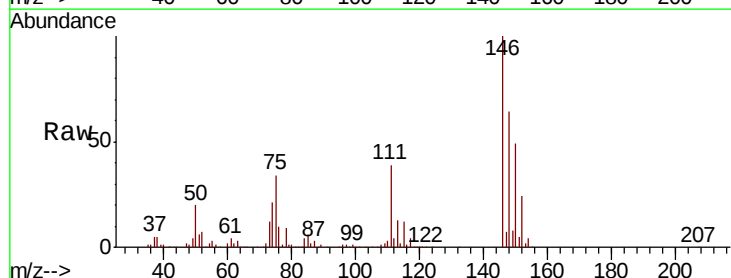
RT: 13.58 min Scan# 1916

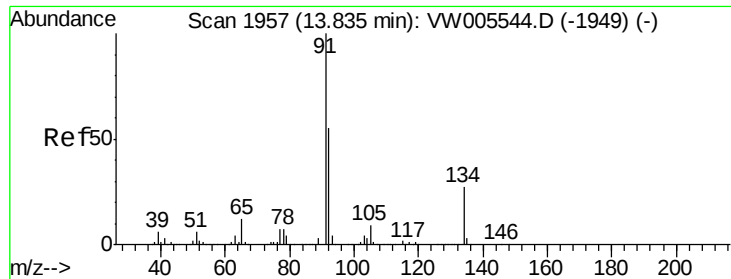
Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	111981		
111	41.6	19.9	59.7	
148	65.8	32.1	96.3	





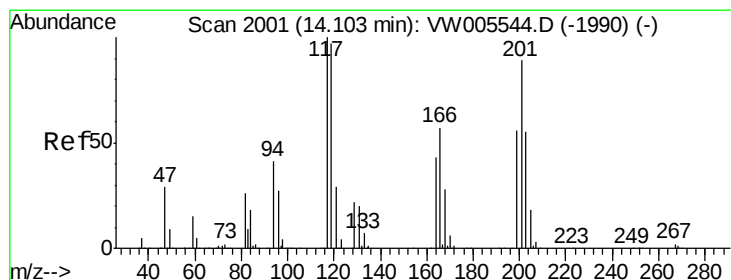
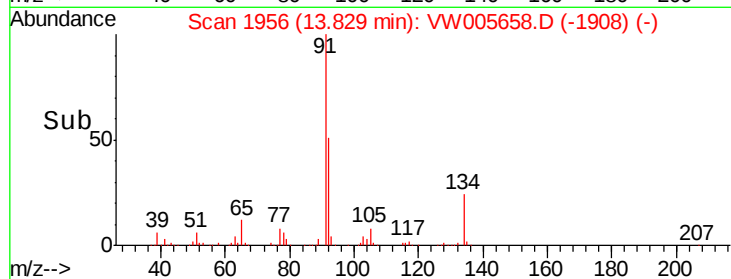
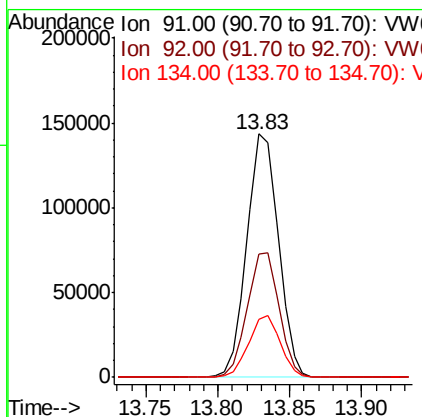
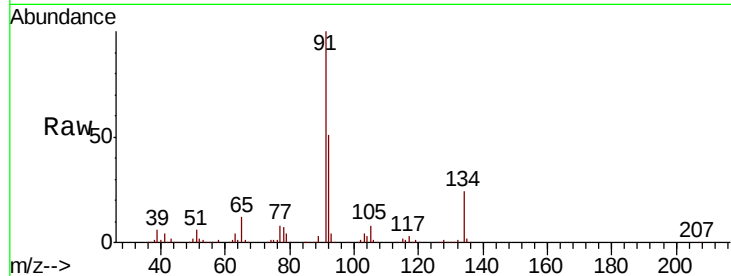
#89
n-Butylbenzene
Concen: 21.352 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.5	26.5	79.5	
134	25.1	12.9	38.7	

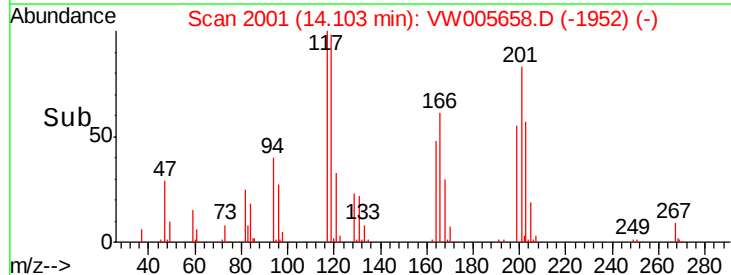
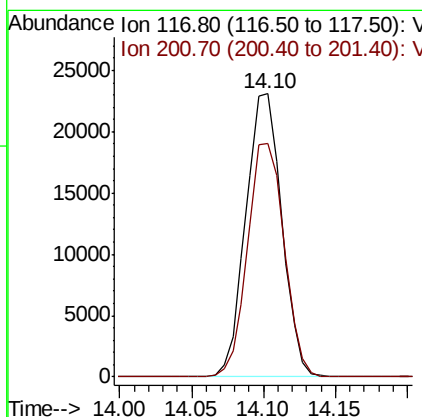
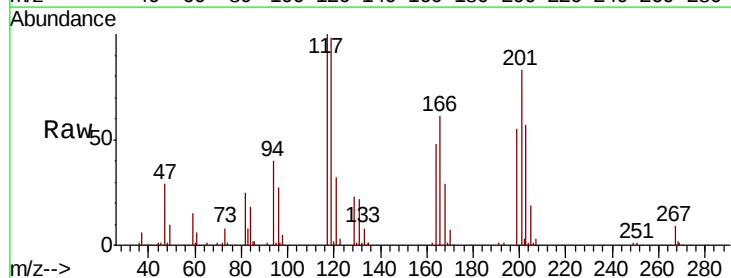
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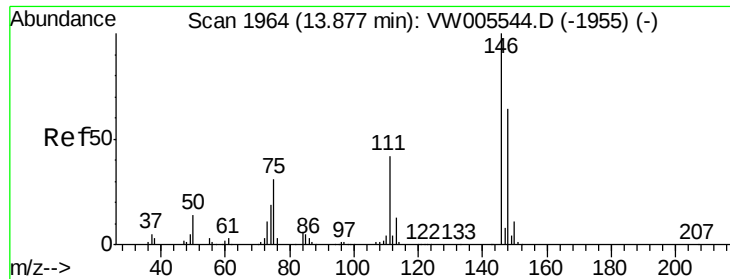
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#90
Hexachloroethane
Concen: 20.367 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.9	42.8	128.3	





#91

1,2-Dichlorobenzene

Concen: 21.446 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

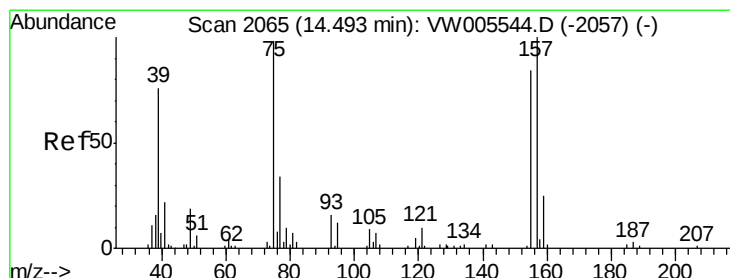
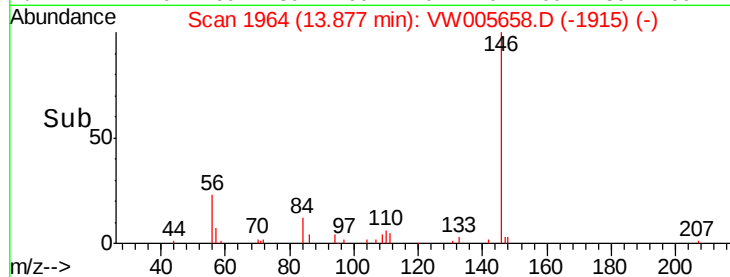
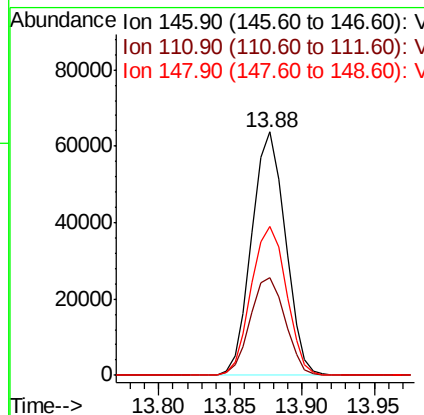
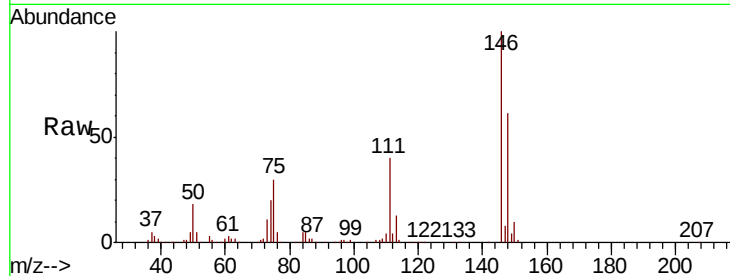
ClientSampleId :

VW0926SBSD01

Tot Ion:	146	Resp:	103469
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.3	63.9
148	63.6	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.001 ug/l

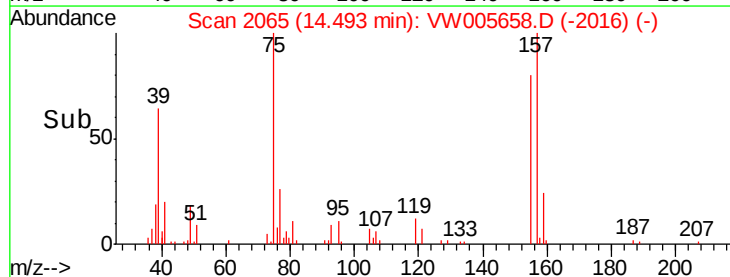
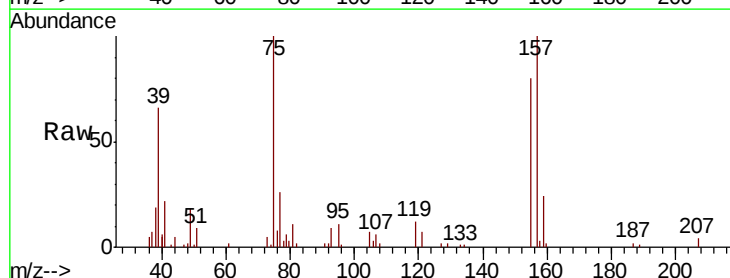
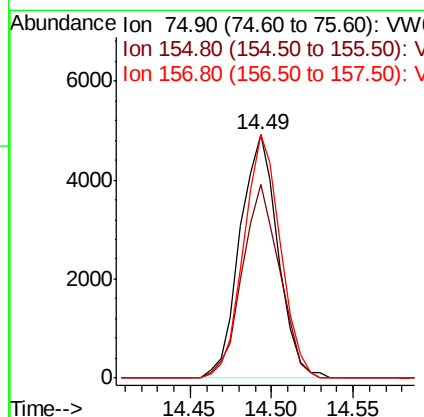
RT: 14.49 min Scan# 2065

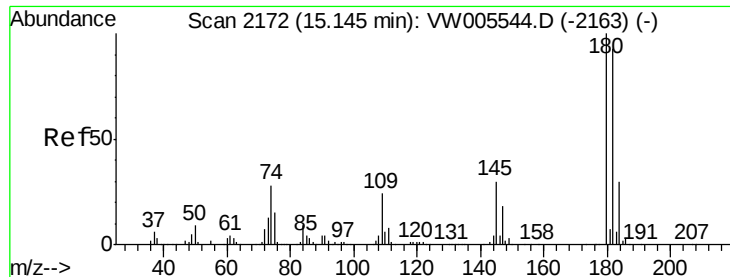
Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion:	75	Resp:	7940
Ion Ratio	Lower	Upper	
75	100		
155	78.6	39.1	117.5
157	97.0	50.8	152.4





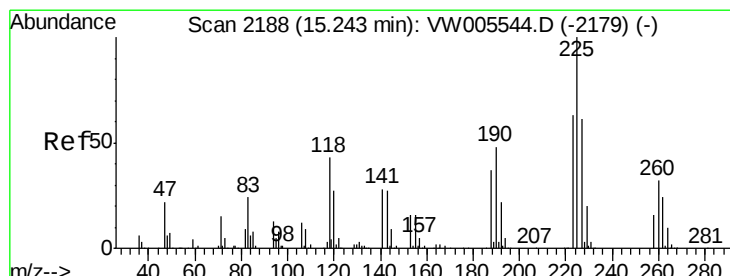
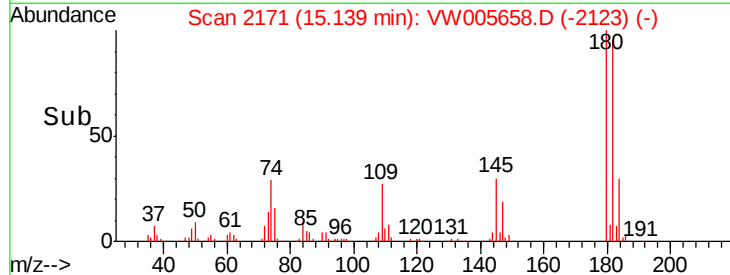
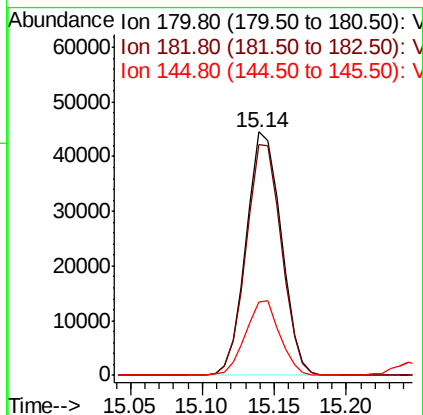
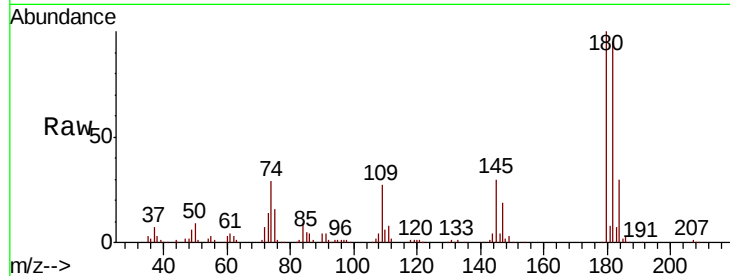
#93
1,2,4-Trichlorobenzene
Concen: 21.814 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.7	143.1
145	30.0	15.0	45.1

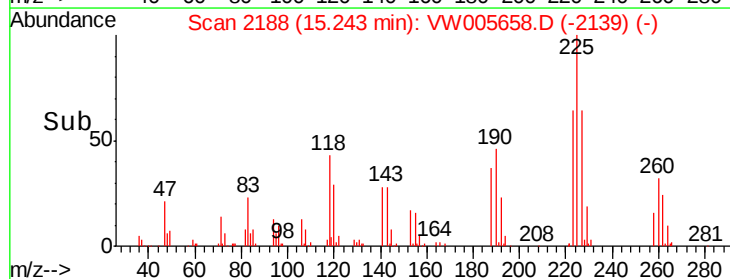
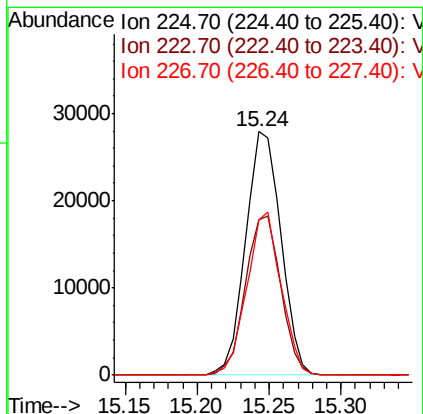
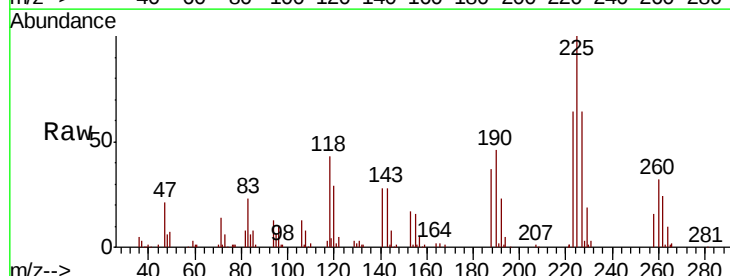
Manual Integrations
APPROVED

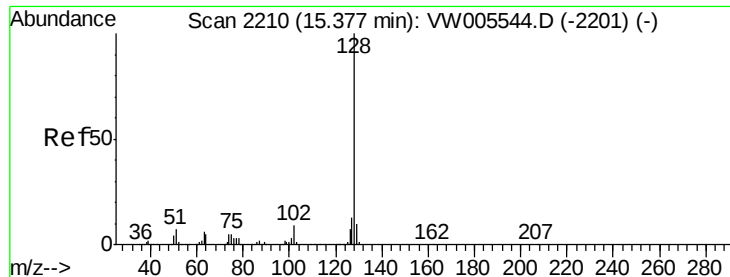
apatel
9/27/2018 10:33:43 AM



#94
Hexachlorobutadiene
Concen: 21.257 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW005658.D
Acq: 26 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.1	93.3
227	64.5	31.8	95.3





#95

Naphthalene

Concen: 22.116 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Instrument :

MSVOA_W

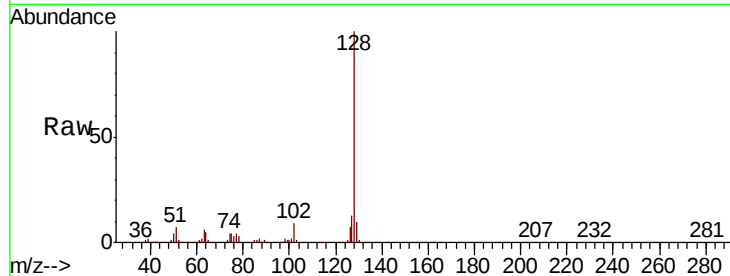
ClientSampleId :

VW0926SBS01

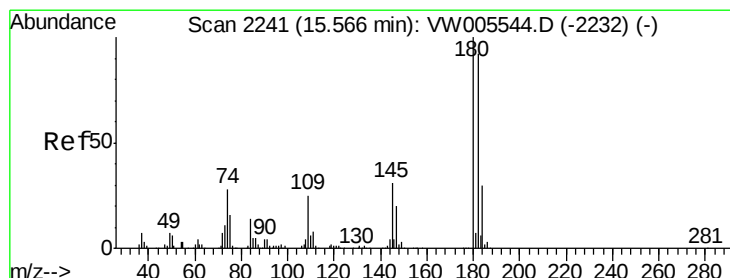
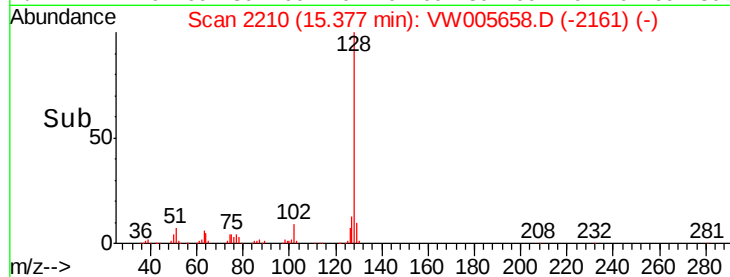
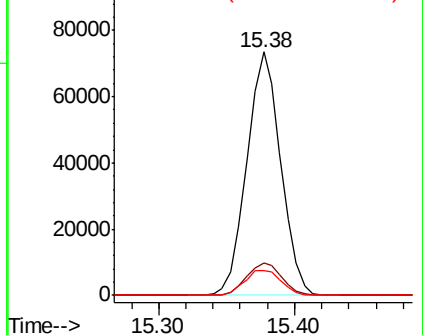
Tot Ion:	128	Resp:	128032
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.9	16.3
129	11.2	8.6	13.0

Manual Integrations
APPROVED

apatel
9/27/2018 10:33:43 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.871 ug/l

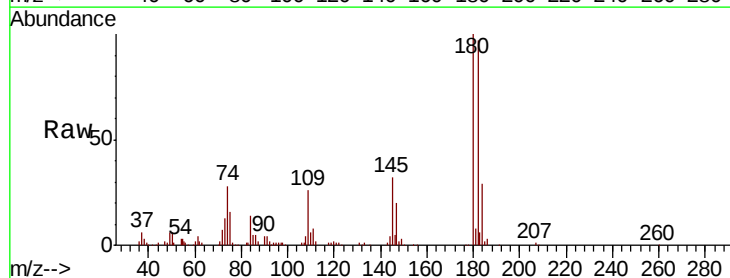
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005658.D

Acq: 26 Sep 2018 17:41

Tgt Ion:	180	Resp:	66338
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.3	141.9
145	31.8	16.0	47.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

