

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006629.D
 Acq On : 05 Nov 2018 12:14
 Operator : SY/AP
 Sample : VW1105SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Manual Integrations
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 11/6/2018 8:13:25 AM

Quant Time: Nov 05 14:46:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112648	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
35) Dibromofluoromethane	7.88	113	120565	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.33	98	474114	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	167456	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32265	22.630	ug/l	99
3) Chloromethane	2.21	50	35584	20.172	ug/l	97
4) Vinyl Chloride	2.37	62	52985	21.511	ug/l	99
5) Bromomethane	2.78	94	43148	20.873	ug/l	93
6) Chloroethane	2.93	64	34387	19.980	ug/l	93
7) Trichlorofluoromethane	3.26	101	50376	23.160	ug/l	96
8) Diethyl Ether	3.68	74	22912	19.270	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	52549	22.624	ug/l	99
10) Methyl Iodide	4.26	142	85287	20.251	ug/l	99
11) Tert butyl alcohol	5.17	59	15271	119.887	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	47780	21.298	ug/l	97
13) Acrolein	3.89	56	15624	97.524	ug/l	97
14) Allyl chloride	4.67	41	61527	21.011	ug/l	99
15) Acrylonitrile	5.37	53	43456	101.930	ug/l	99
16) Acetone	4.12	43	54660	143.205	ug/l	97
17) Carbon Disulfide	4.37	76	143861	22.535	ug/l	99
18) Methyl Acetate	4.67	43	21181	19.298	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	67815	20.308	ug/l	97
20) Methylene Chloride	4.92	84	56786	19.288	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	53153	20.939	ug/l	97
22) Diisopropyl ether	6.31	45	123310	20.199	ug/l	98
23) Vinyl Acetate	6.26	43	342906	101.289	ug/l	100
24) 1,1-Dichloroethane	6.21	63	84768	20.488	ug/l	100
25) 2-Butanone	7.17	43	62592	114.920	ug/l	97
26) 2,2-Dichloropropane	7.17	77	60096	24.112	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57837	20.365	ug/l	99
28) Bromochloromethane	7.51	49	32511	19.789	ug/l	99
29) Tetrahydrofuran	7.53	42	34755	101.452	ug/l	98
30) Chloroform	7.68	83	91919	20.263	ug/l	99
31) Cyclohexane	7.96	56	80770	21.449	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	83682	21.801	ug/l	98
36) 1,1-Dichloropropene	8.09	75	73552	22.030	ug/l	100
37) Ethyl Acetate	7.26	43	25203	21.783	ug/l	97
38) Carbon Tetrachloride	8.07	117	79602	22.817	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96541	22.786	ug/l	97
40) Benzene	8.33	78	204060	21.518	ug/l	99
41) Methacrylonitrile	7.49	41	14659	20.662	ug/l	94
42) 1,2-Dichloroethane	8.40	62	55774	20.508	ug/l	100
43) Isopropyl Acetate	8.43	43	48175	20.866	ug/l	99
44) Trichloroethene	9.10	130	62575	21.383	ug/l	98
45) 1,2-Dichloropropane	9.37	63	47417	21.486	ug/l	98
46) Dibromomethane	9.46	93	26627	20.525	ug/l	100
47) Bromodichloromethane	9.65	83	63493	21.078	ug/l	99
48) Methyl methacrylate	9.44	41	22633	20.347	ug/l	99
49) 1,4-Dioxane	9.45	88	8109	427.105	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	121386	102.370	ug/l	99
52) Toluene	10.39	92	134240	21.105	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	62138	21.434	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	73316	21.401	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37895	20.587	ug/l	98
56) Ethyl methacrylate	10.65	69	41458	19.816	ug/l	100
57) 1,3-Dichloropropane	10.94	76	61664	20.630	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	97808	96.173	ug/l	99
59) 2-Hexanone	10.98	43	94527	117.373	ug/l	98
60) Dibromochloromethane	11.13	129	46565	21.351	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37464	20.495	ug/l	100
64) Tetrachloroethene	10.87	164	57515	20.756	ug/l	98
65) Chlorobenzene	11.66	112	156493	21.394	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	55016	21.398	ug/l	98
67) Ethyl Benzene	11.74	91	264228	21.611	ug/l	99
68) m/p-Xylenes	11.85	106	213711	43.750	ug/l	99
69) o-Xylene	12.17	106	99376	21.369	ug/l	99
70) Styrene	12.19	104	158020	20.842	ug/l	99
71) Bromoform	12.35	173	28964	21.252	ug/l #	99
73) Isopropylbenzene	12.47	105	280437	21.293	ug/l	100
74) N-amyl acetate	12.28	43	44514	19.559	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	43046	20.694	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34459m	22.091	ug/l	
77) Bromobenzene	12.75	156	71588	20.994	ug/l	98
78) n-propylbenzene	12.81	91	329249	21.734	ug/l	100
79) 2-Chlorotoluene	12.90	91	181819	20.913	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	236905	21.411	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11975	21.484	ug/l	99
82) 4-Chlorotoluene	12.99	91	194974	21.198	ug/l	100
83) tert-Butylbenzene	13.21	119	210957	21.380	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	241995	21.323	ug/l	100
85) sec-Butylbenzene	13.39	105	301629	21.826	ug/l	100
86) p-Isopropyltoluene	13.51	119	273779	21.772	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	142941	21.285	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	140986	21.180	ug/l	99
89) n-Butylbenzene	13.83	91	247035	22.131	ug/l	100
90) Hexachloroethane	14.10	117	45931	22.224	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	125186	20.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6658	19.726	ug/l	97

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ClientSampleId :
VW1105SBSD01

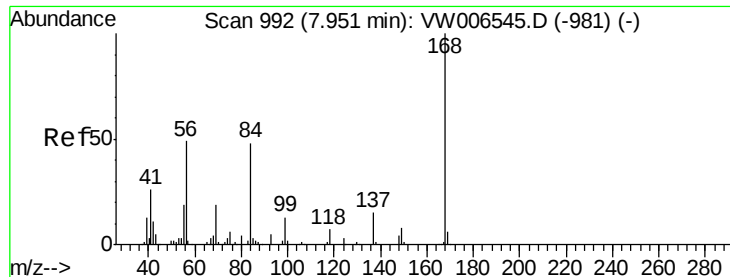
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	95292	21.215	ug/l	100
94) Hexachlorobutadiene	15.24	225	62170	22.208	ug/l	99
95) Naphthalene	15.38	128	142618	19.756	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	82155	20.811	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD01

Tot Ion:168 Resp: 275030

Ion Ratio Lower Upper

168 100

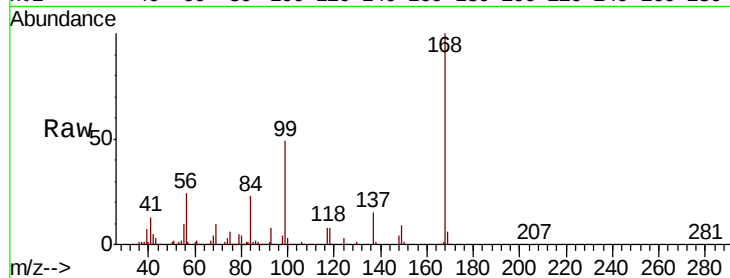
99 48.8 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

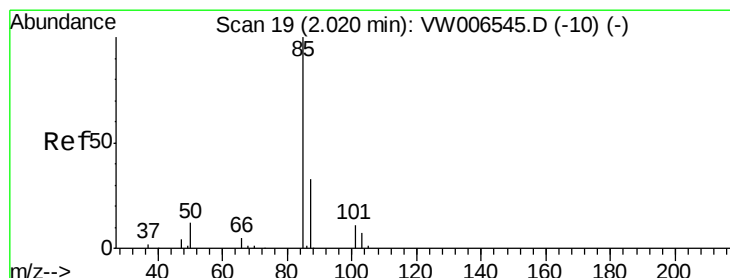
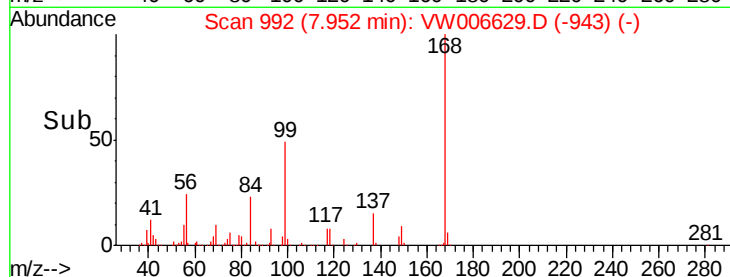
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.630 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006629.D

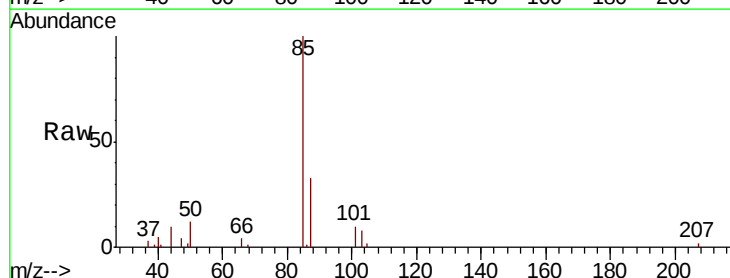
Acq: 05 Nov 2018 12:14

Tgt Ion: 85 Resp: 32265

Ion Ratio Lower Upper

85 100

87 33.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

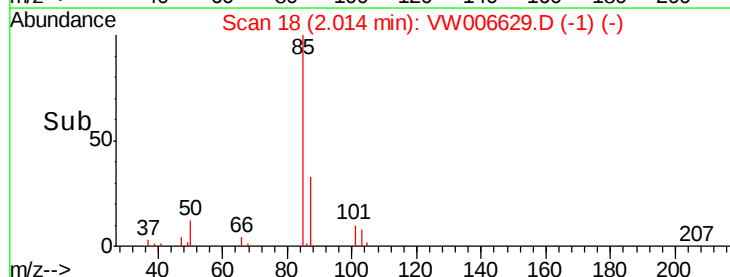
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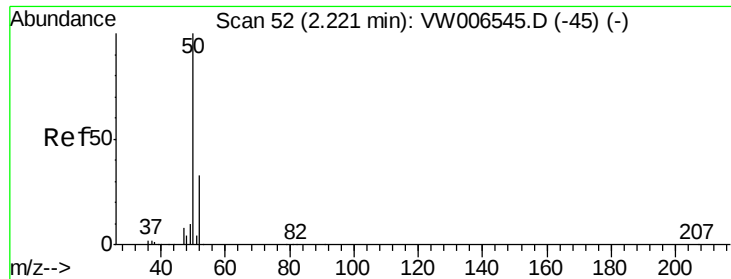
4000

2000

0

Time-->





#3

Chloromethane

Concen: 20.172 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 50 Resp: 35584

Ion Ratio Lower Upper

50 100

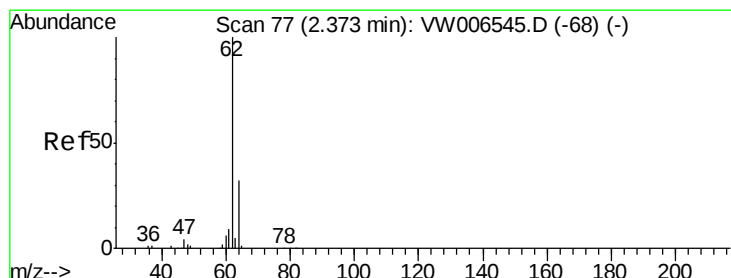
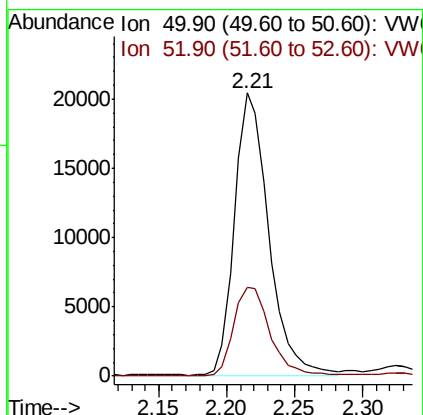
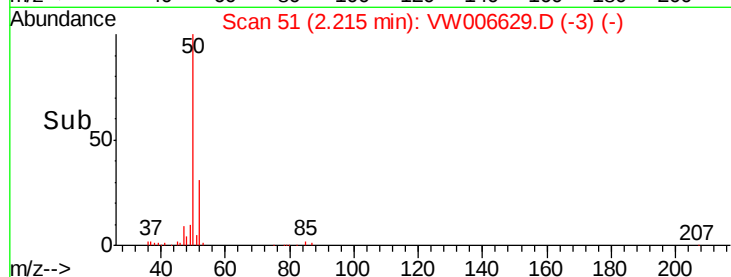
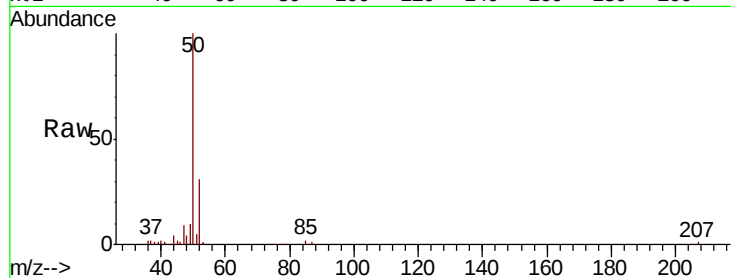
52 31.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.511 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006629.D

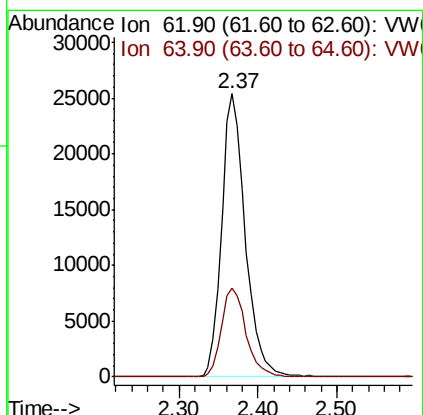
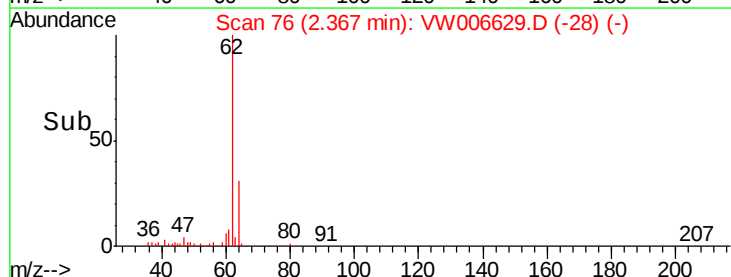
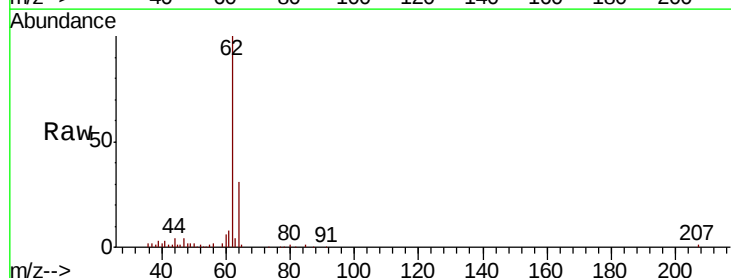
Acq: 05 Nov 2018 12:14

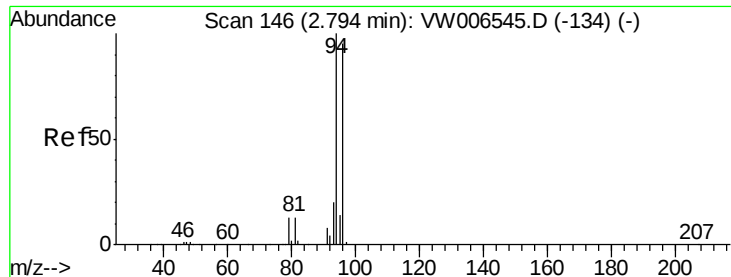
Tgt Ion: 62 Resp: 52985

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 20.873 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 94 Resp: 43148

Ion Ratio Lower Upper

94 100

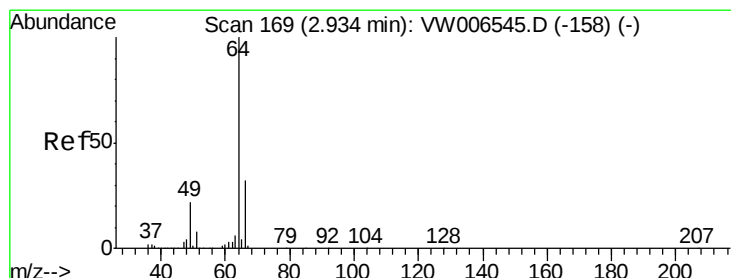
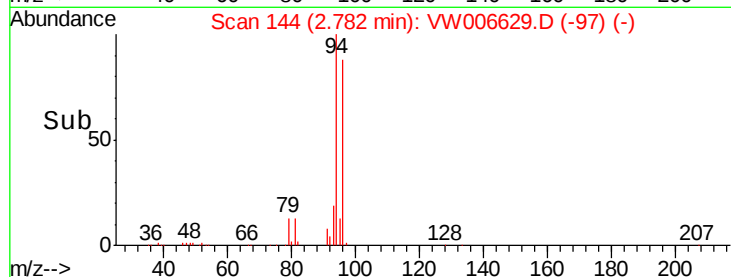
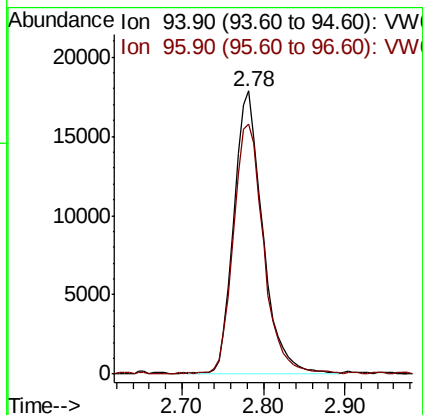
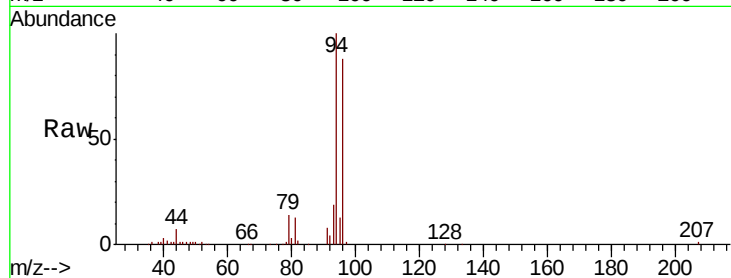
96 88.0 75.7 113.5

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#6

Chloroethane

Concen: 19.980 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006629.D

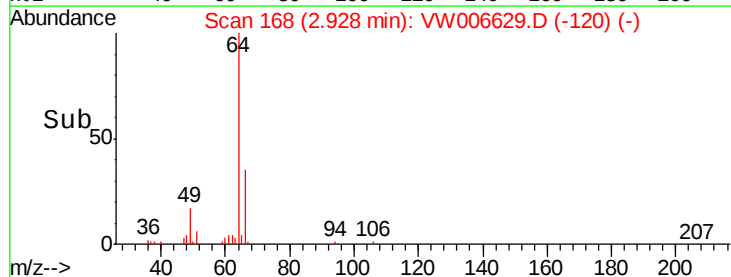
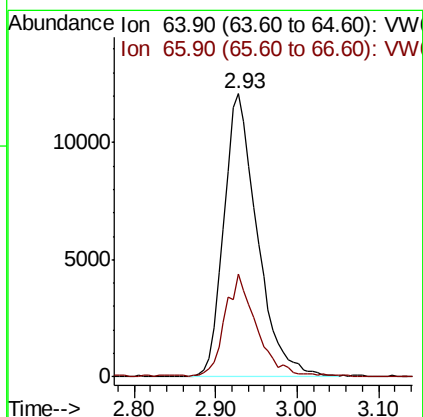
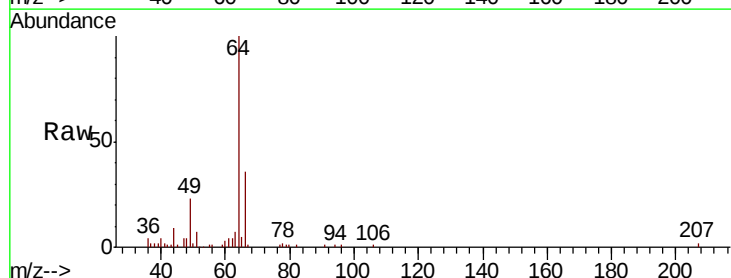
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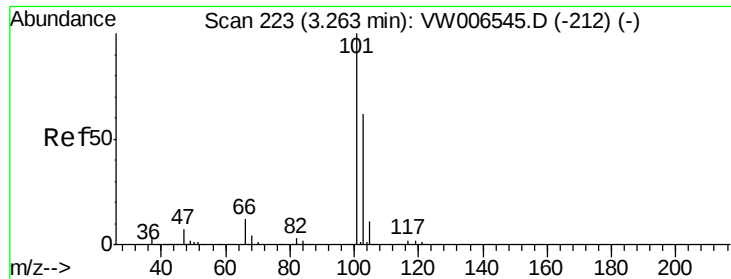
Tgt Ion: 64 Resp: 34387

Ion Ratio Lower Upper

64 100

66 36.2 25.9 38.9





#7

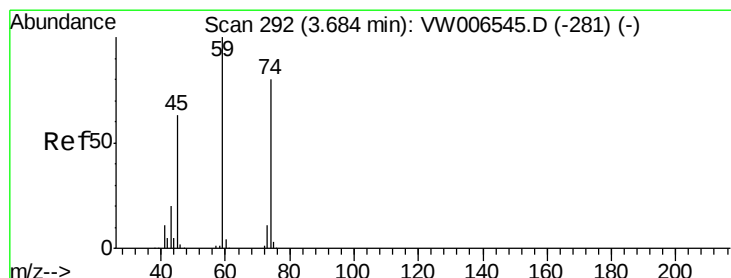
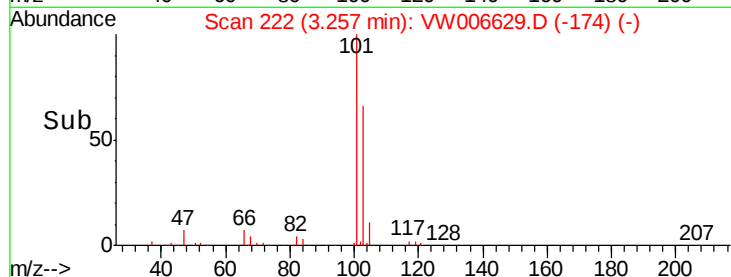
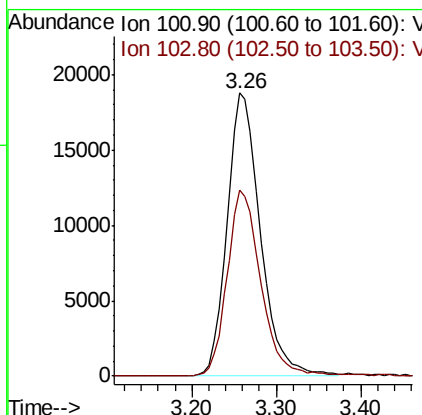
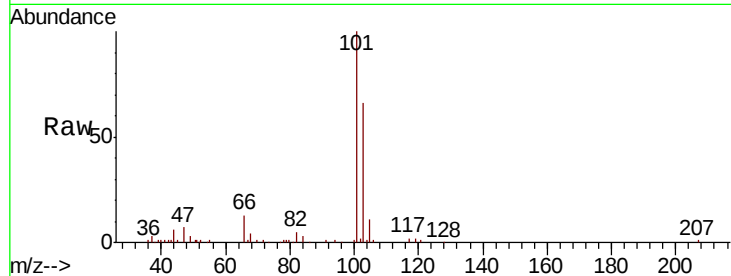
Trichlorofluoromethane
 Concen: 23.160 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

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 VW1105SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	49.8	74.8

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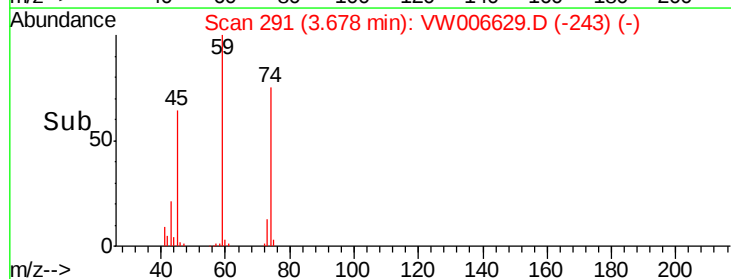
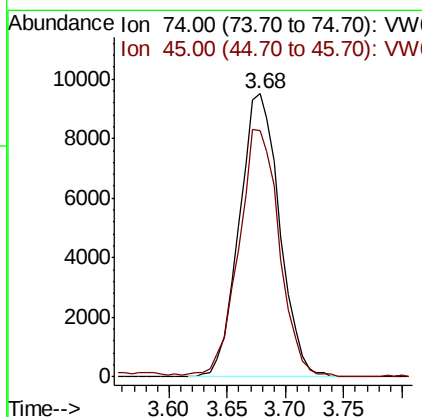
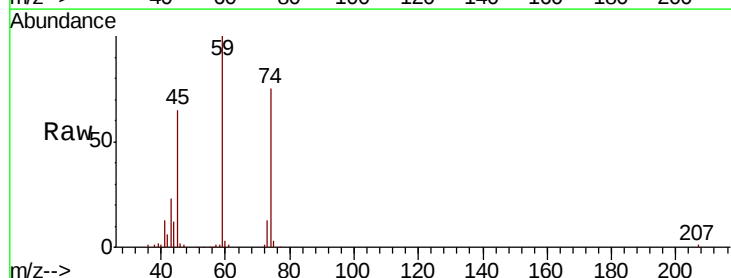
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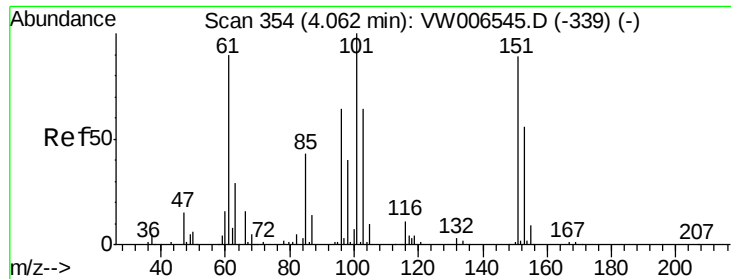


#8

Diethyl Ether
 Concen: 19.270 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.624 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

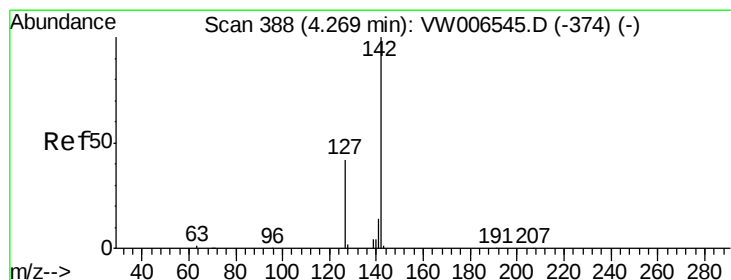
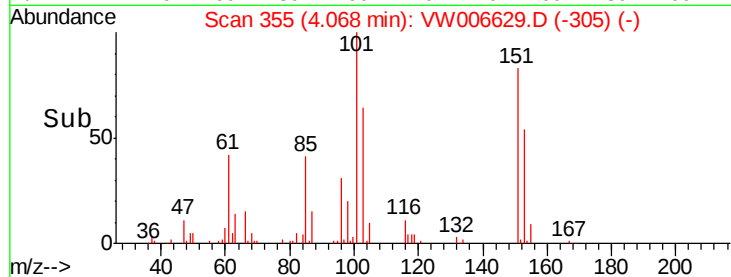
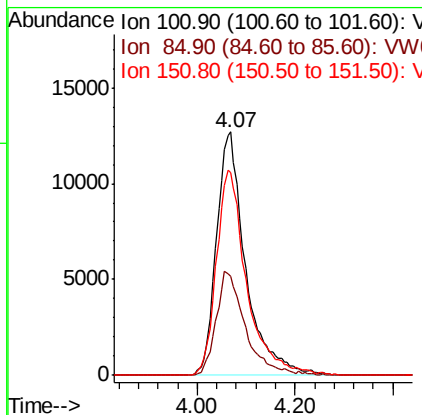
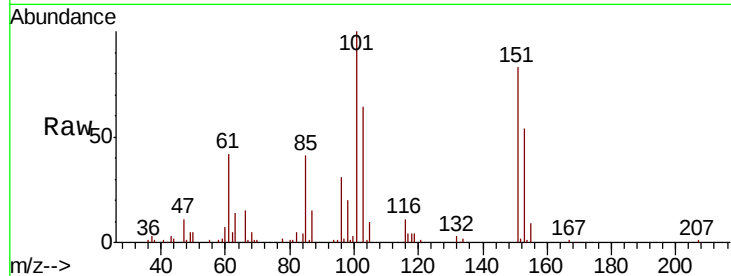
ClientSampleId :

VW1105SBS01

Tot Ion:	101	Resp:	52549
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.2
151	87.6	70.7	106.1

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#10

Methyl Iodide

Concen: 20.251 ug/l

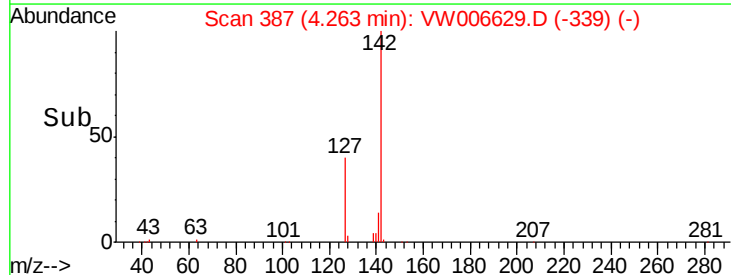
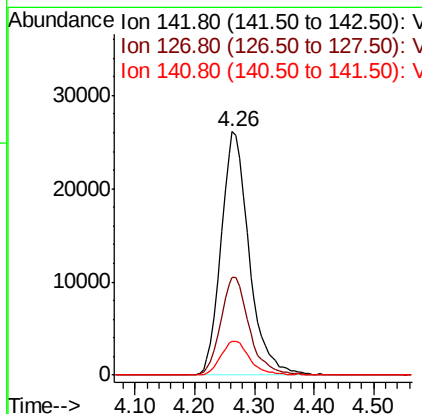
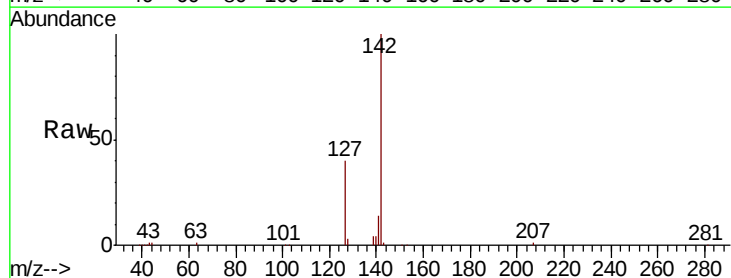
RT: 4.26 min Scan# 387

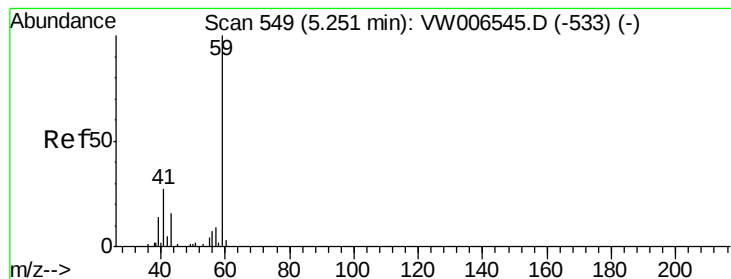
Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	142	Resp:	85287
Ion Ratio	Lower	Upper	
142	100		
127	40.9	32.3	48.5
141	14.3	11.3	16.9





#11

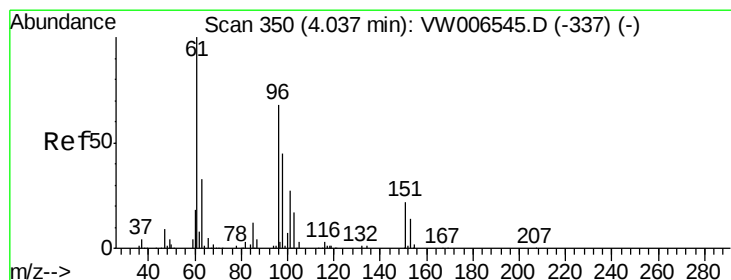
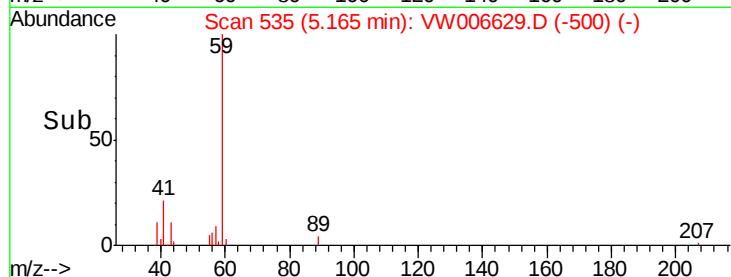
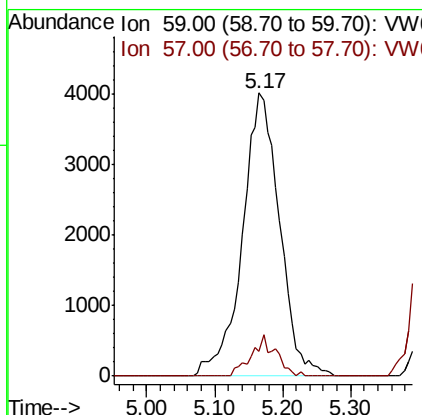
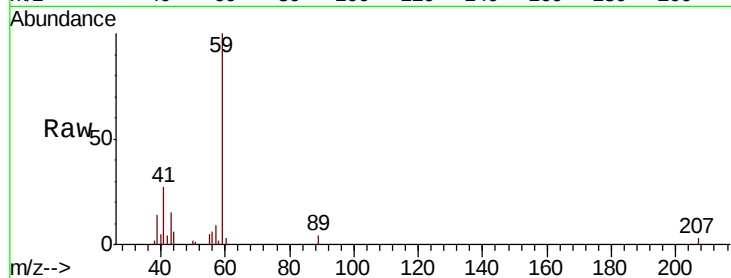
Tert butyl alcohol
Concen: 119.887 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	59	57	Ratio	100	9.4	Resp	Lower	Upper
15271							4.3	6.5#

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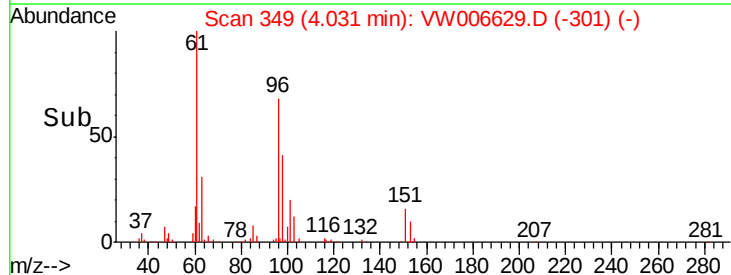
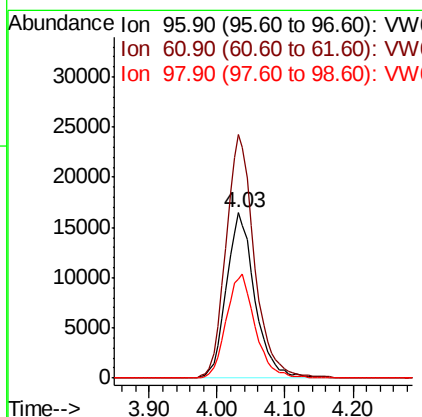
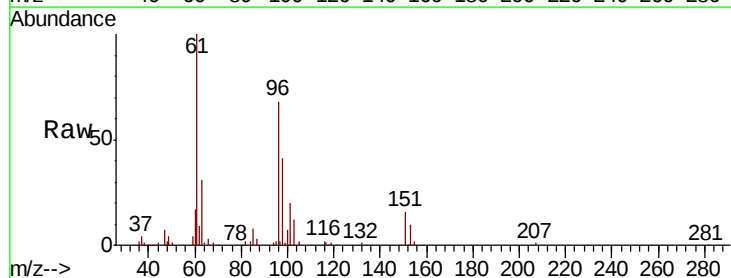
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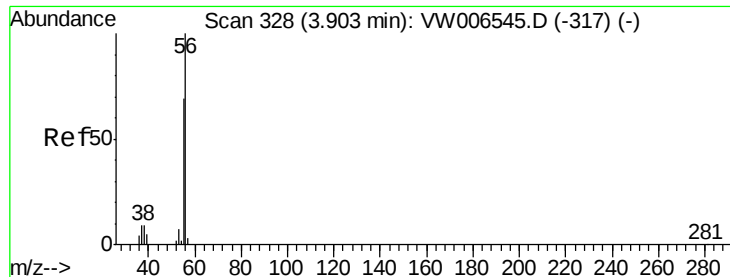


#12

1,1-Dichloroethene
Concen: 21.298 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	96	61	98	Ratio	100	147.3	60.0	Resp	Lower	Upper
47780									117.0	175.4
									52.5	78.7





#13

Acrolein

Concen: 97.524 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 56 Resp: 15624

Ion Ratio Lower Upper

56 100

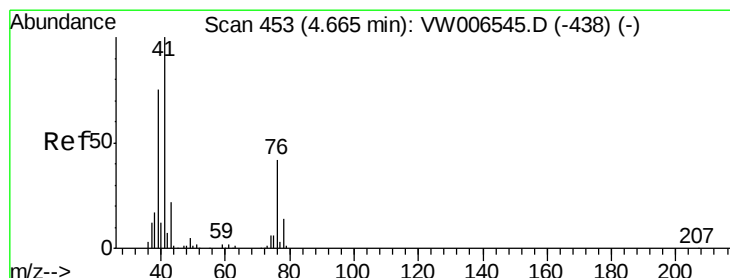
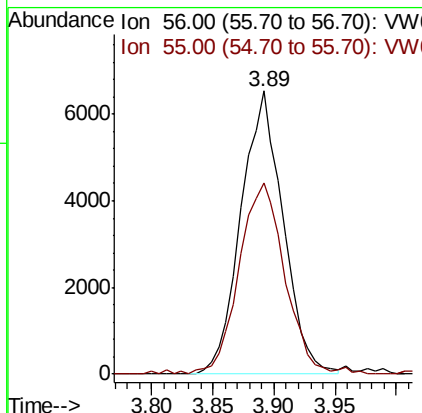
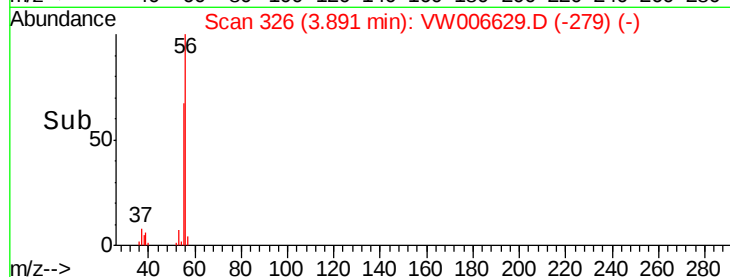
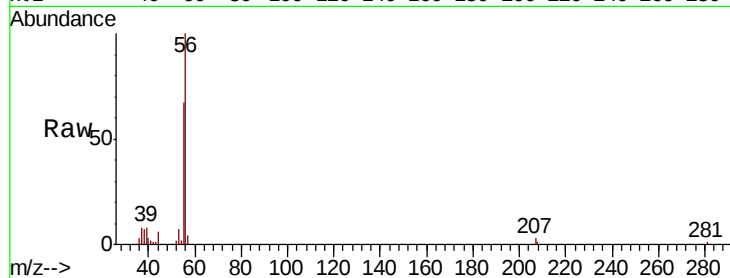
55 73.7 56.9 85.3

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#14

Allyl chloride

Concen: 21.011 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

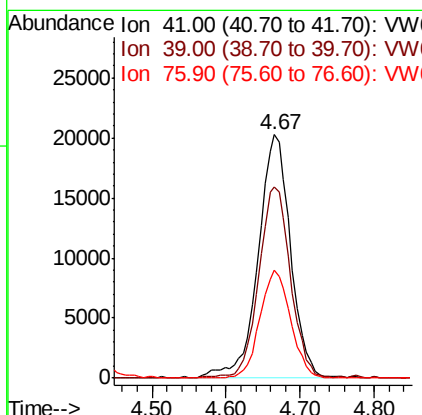
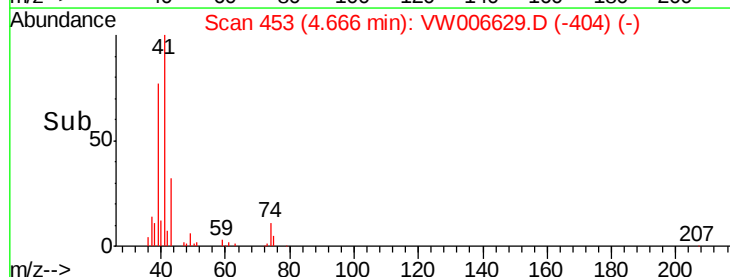
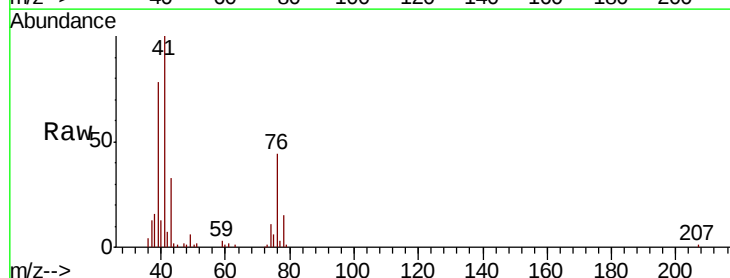
Tgt Ion: 41 Resp: 61527

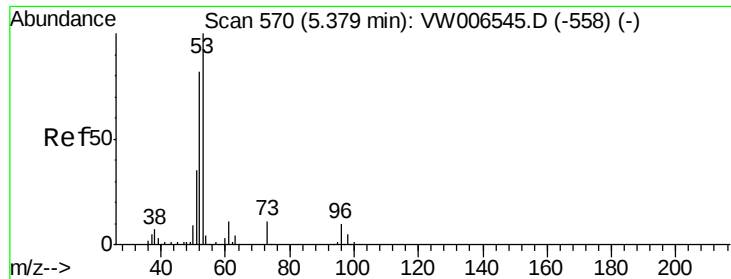
Ion Ratio Lower Upper

41 100

39 77.3 62.1 93.1

76 41.9 34.2 51.2





#15

Acrylonitrile

Concen: 101.930 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

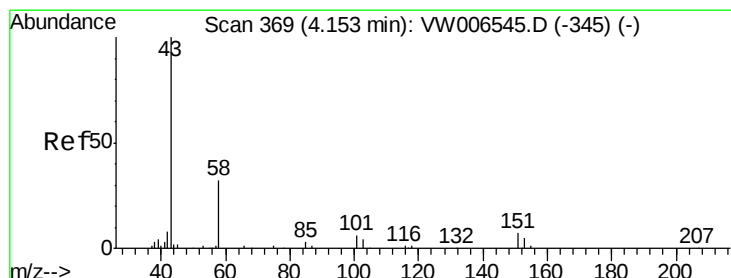
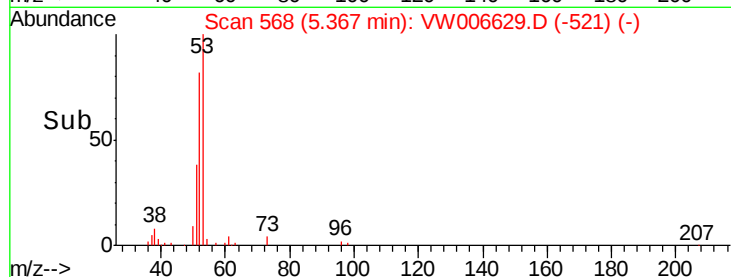
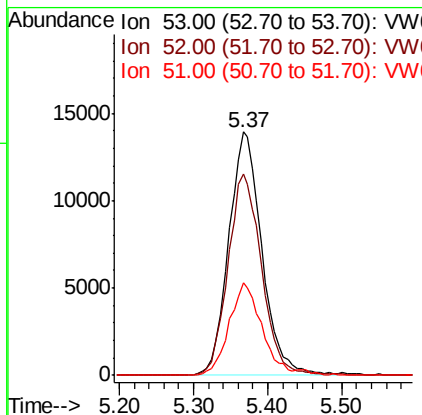
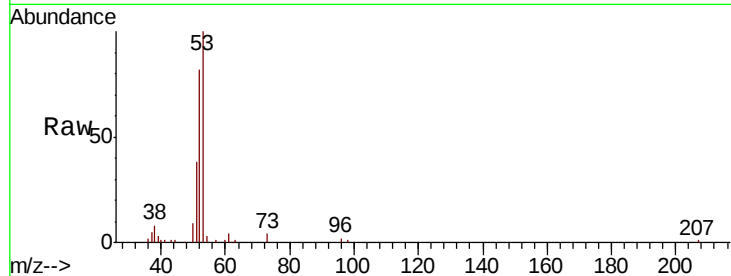
ClientSampleId :

VW1105SBS01

Tot Ion:	53	Resp:	43456
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.8
51	37.1	29.6	44.4

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#16

Acetone

Concen: 143.205 ug/l

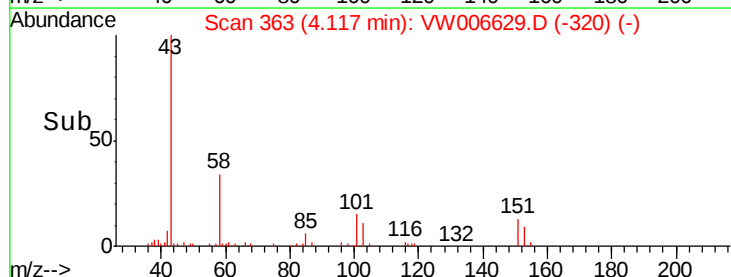
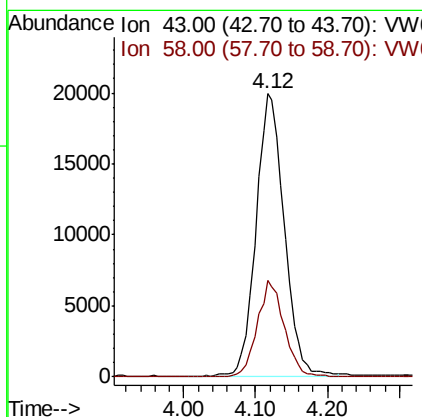
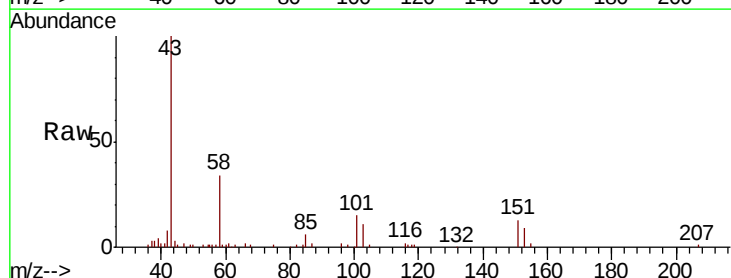
RT: 4.12 min Scan# 363

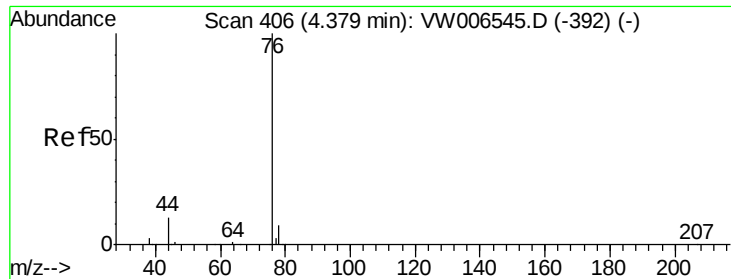
Delta R.T. -0.04 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	43	Resp:	54660
Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.8	38.8





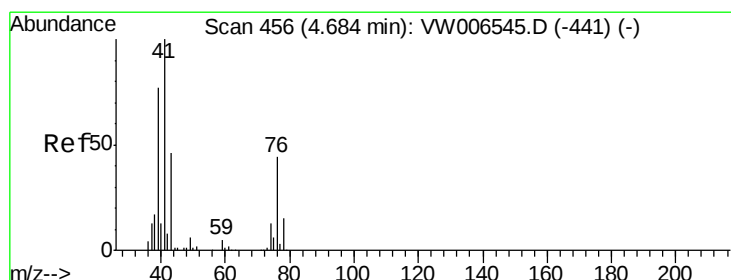
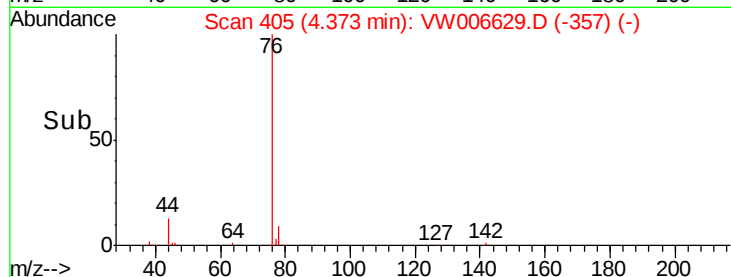
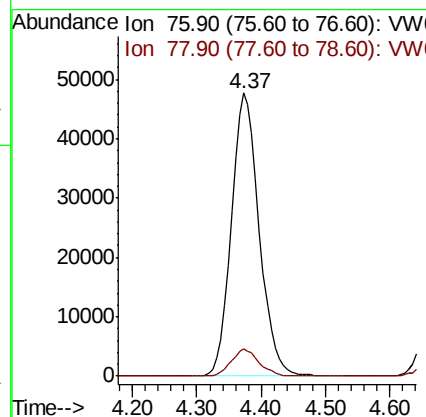
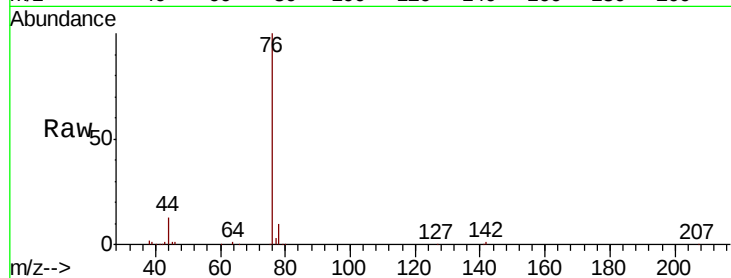
#17
Carbon Disulfide
Concen: 22.535 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

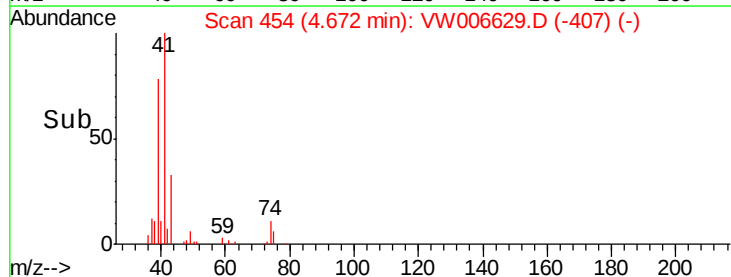
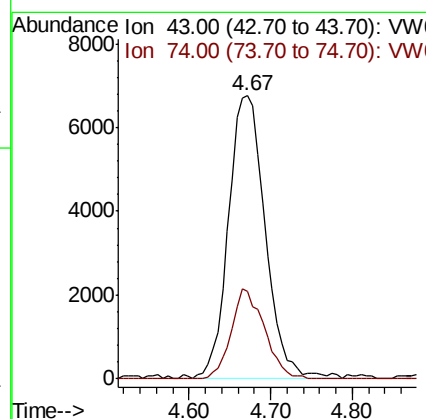
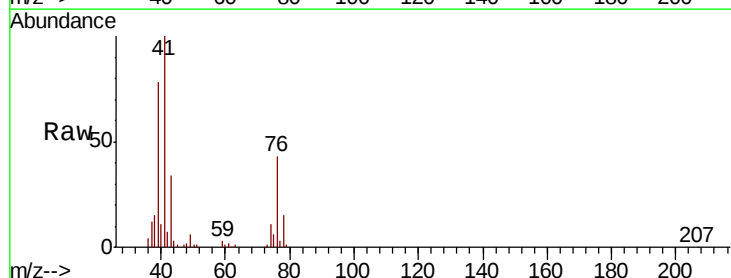
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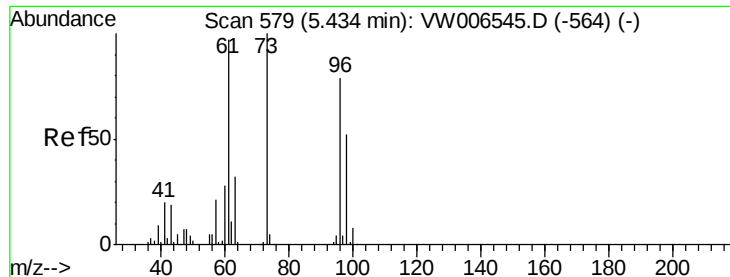
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#18
Methyl Acetate
Concen: 19.298 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.4	21.9	32.9





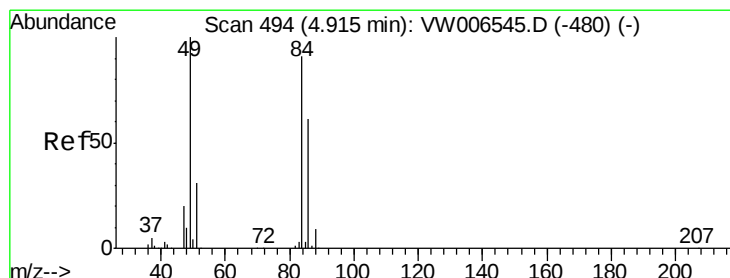
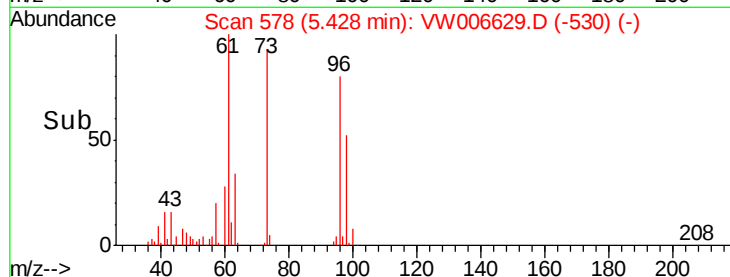
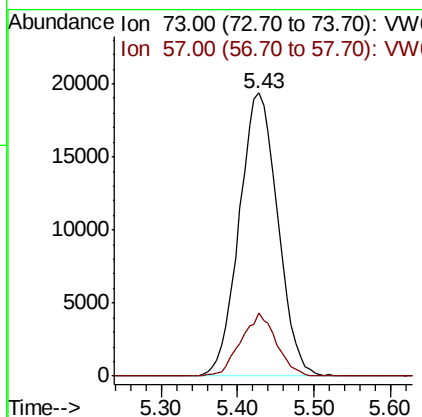
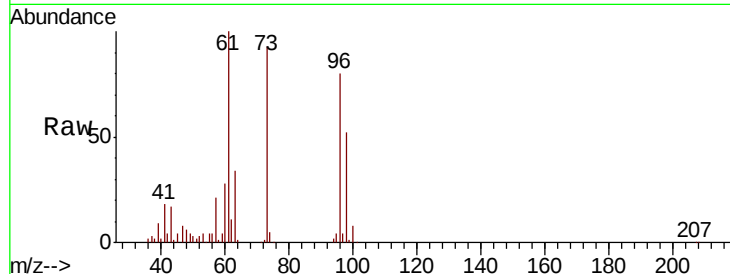
#19
Methyl tert-butyl Ether
Concen: 20.308 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion: 73 Resp: 67815
Ion Ratio Lower Upper
73 100
57 22.2 16.7 25.1

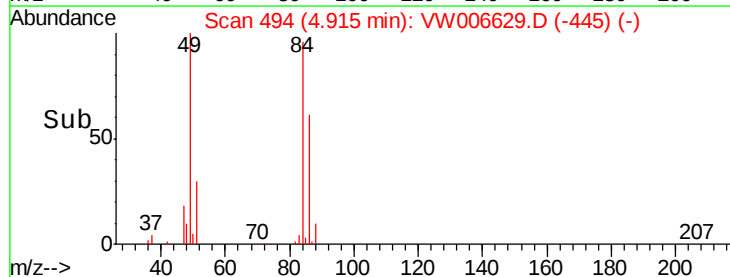
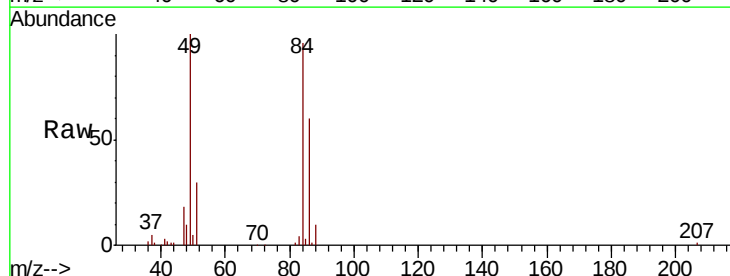
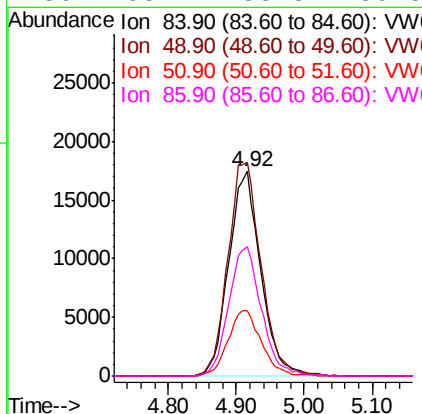
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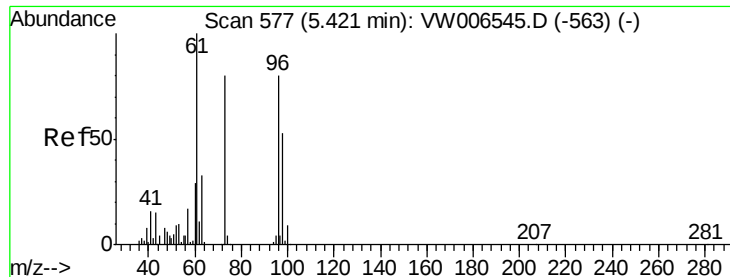
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#20
Methylene Chloride
Concen: 19.288 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion: 84 Resp: 56786
Ion Ratio Lower Upper
84 100
49 104.5 88.2 132.4
51 31.7 27.0 40.6
86 63.2 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 20.939 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

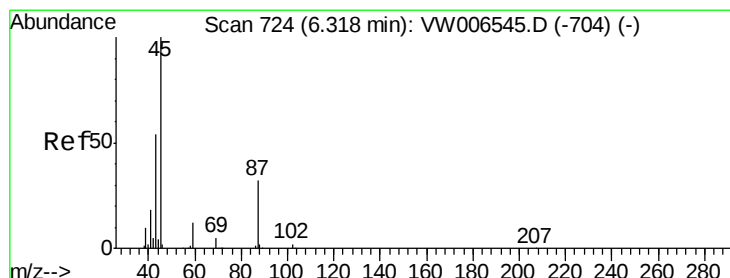
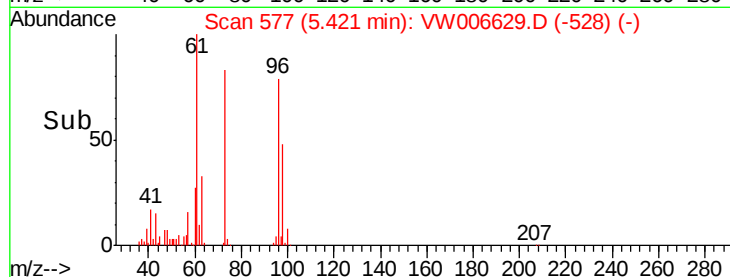
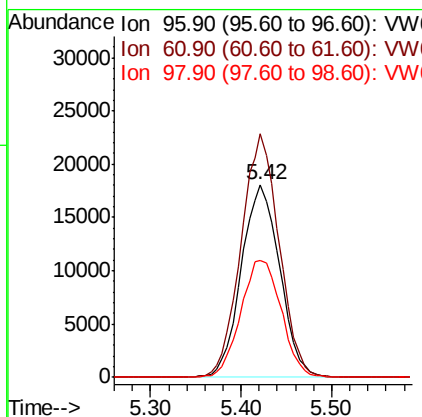
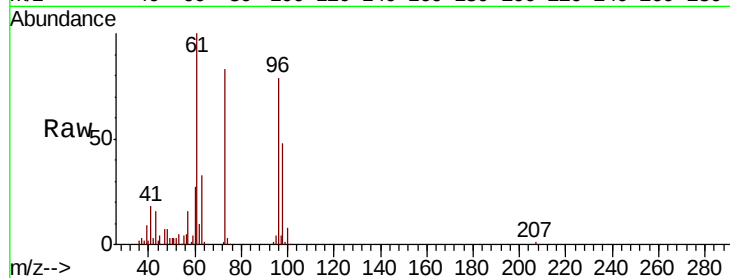
ClientSampleId :

VW1105SBS01

Tot Ion:	96	Resp:	53153
Ion	Ratio	Lower	Upper
96	100		
61	126.1	100.6	150.8
98	60.8	52.9	79.3

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#22

Diisopropyl ether

Concen: 20.199 ug/l

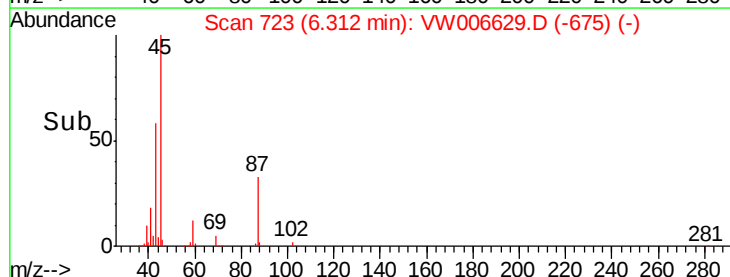
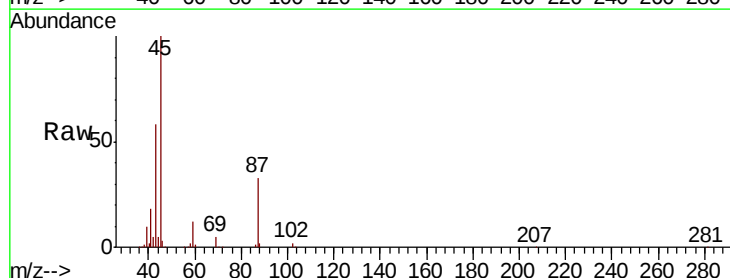
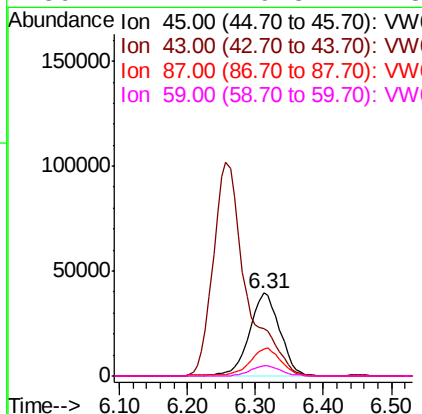
RT: 6.31 min Scan# 723

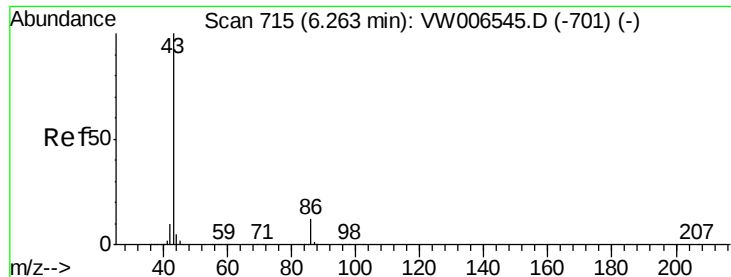
Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	45	Resp:	123310
Ion	Ratio	Lower	Upper
45	100		
43	57.1	43.6	65.4
87	32.7	26.3	39.5
59	12.4	9.8	14.8





#23

Vinyl Acetate

Concen: 101.289 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 43 Resp: 342906

Ion Ratio Lower Upper

43 100

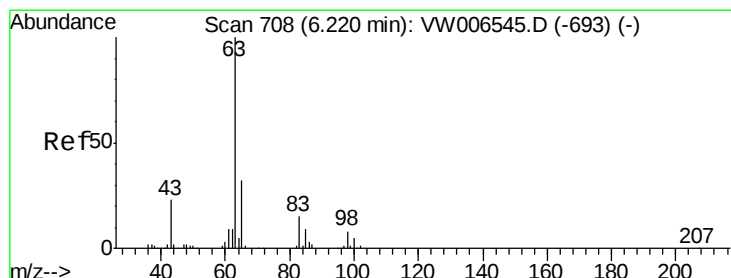
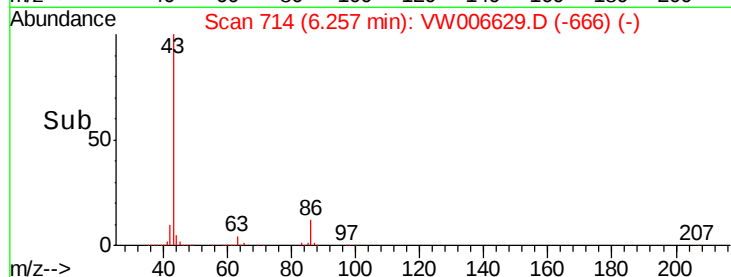
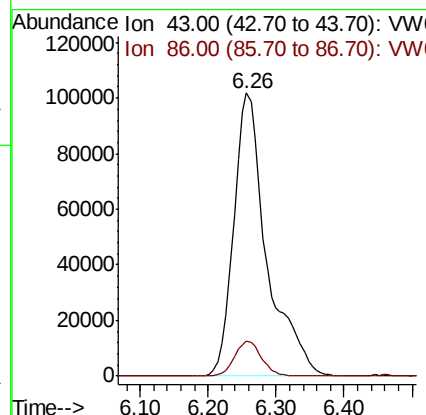
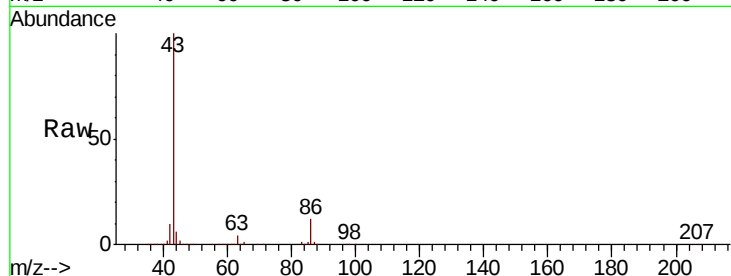
86 12.2 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 20.488 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

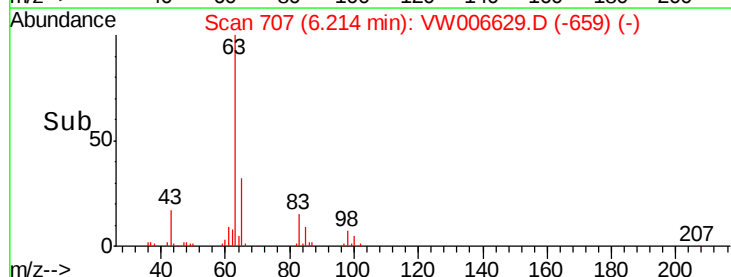
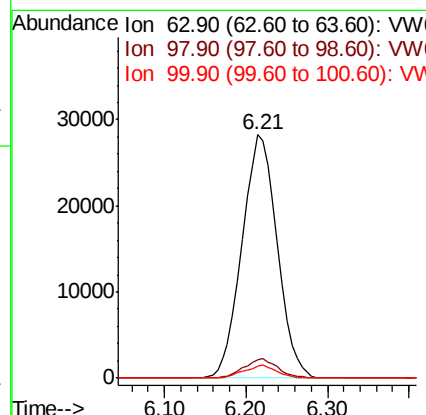
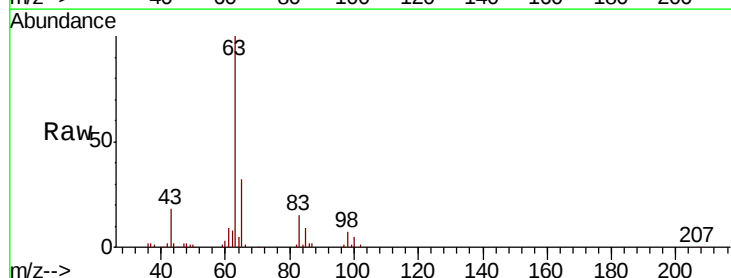
Tgt Ion: 63 Resp: 84768

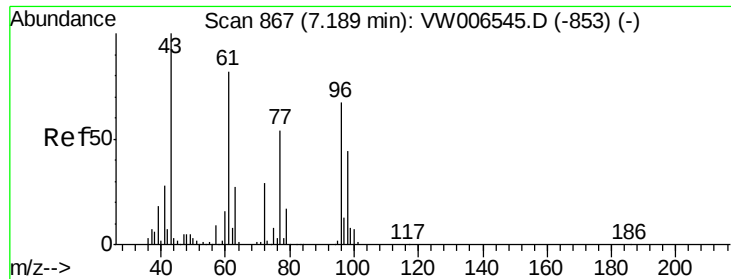
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 114.920 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 43 Resp: 62592

Ion Ratio Lower Upper

43 100

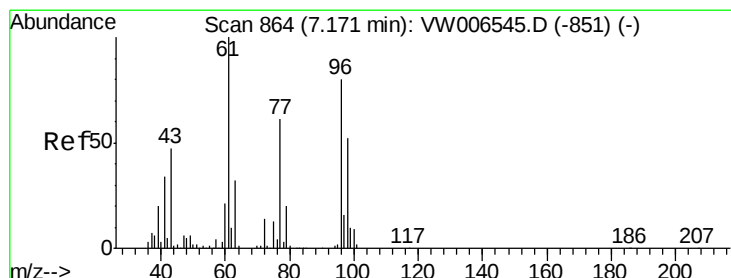
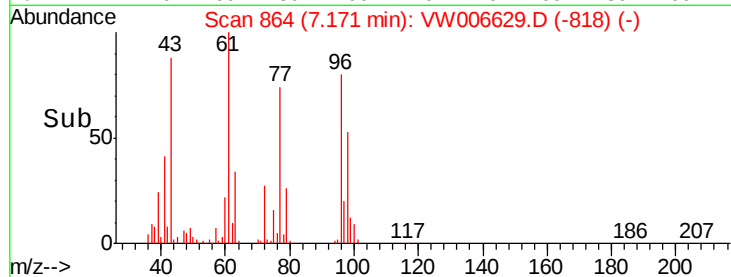
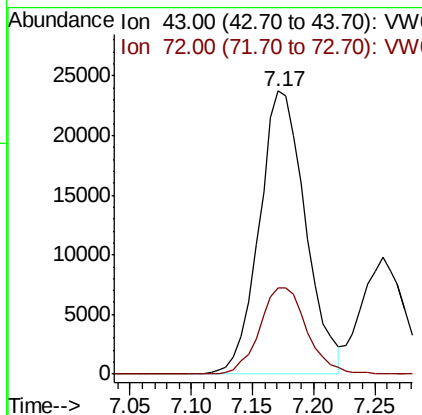
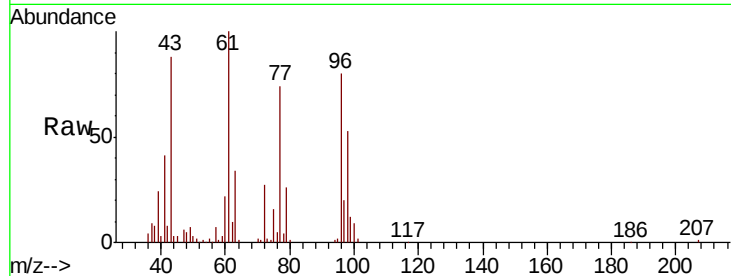
72 30.6 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 24.112 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006629.D

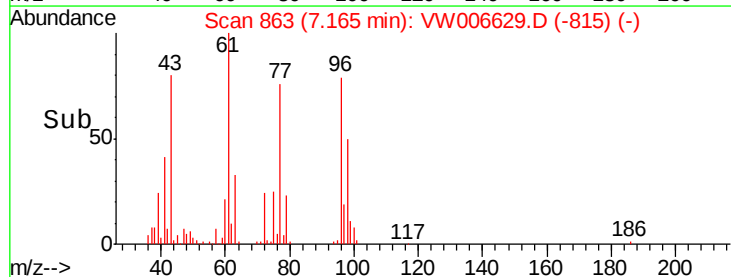
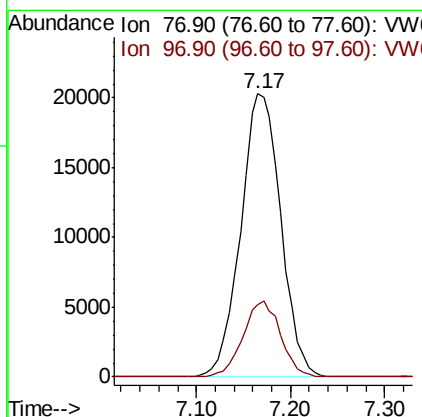
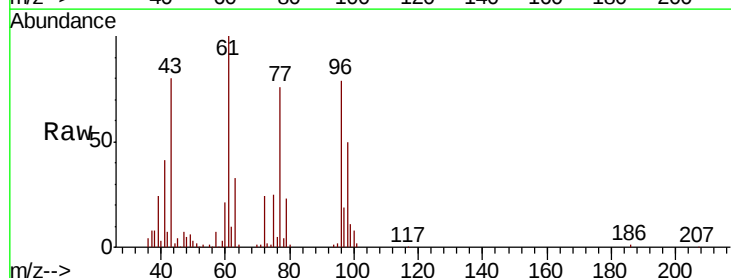
Acq: 05 Nov 2018 12:14

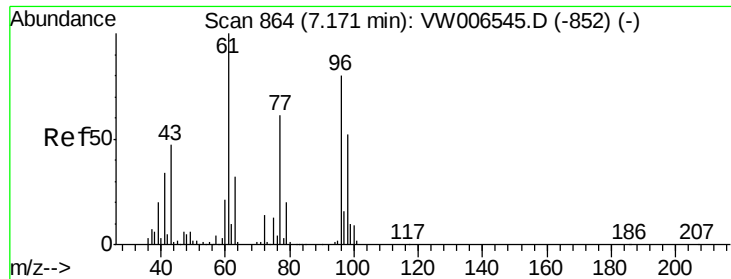
Tgt Ion: 77 Resp: 60096

Ion Ratio Lower Upper

77 100

97 25.1 12.8 38.4





#27

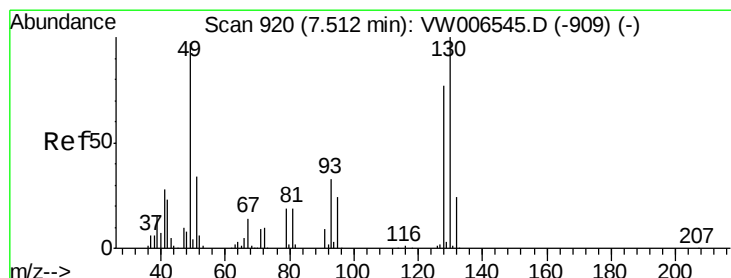
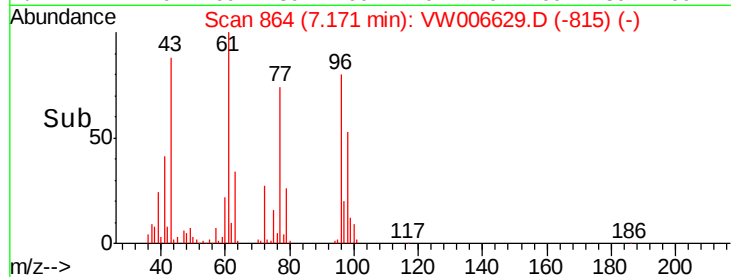
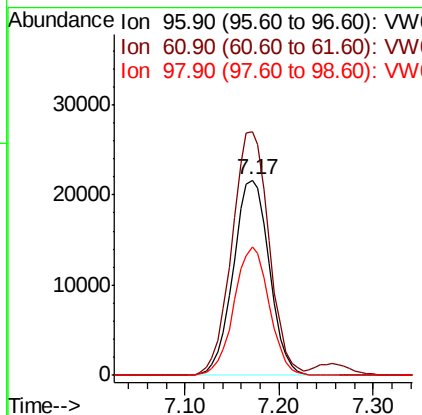
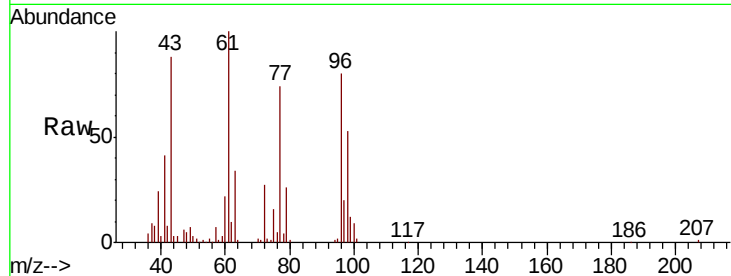
cis-1,2-Dichloroethene
 Concen: 20.365 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	254.2
98	64.3	0.0	129.6

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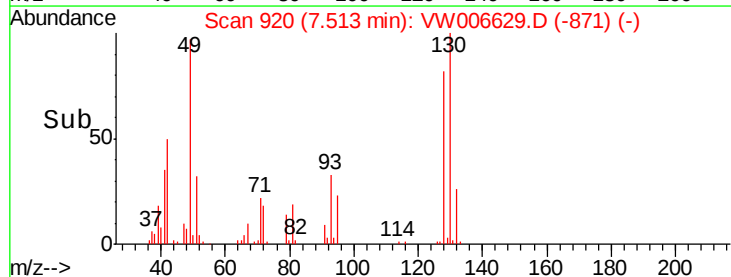
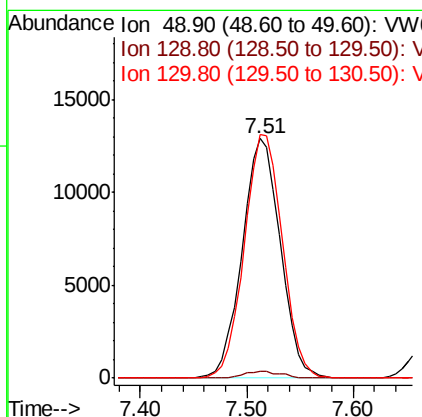
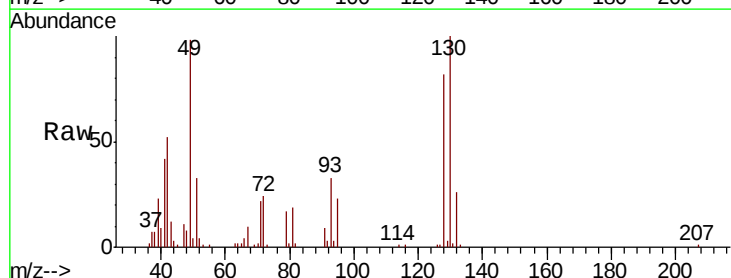
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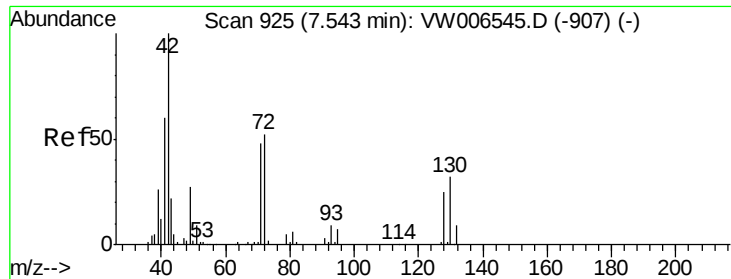


#28

Bromochloromethane
 Concen: 19.789 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	101.5	82.2	123.2





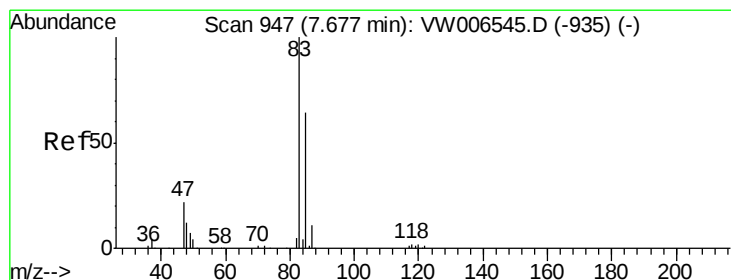
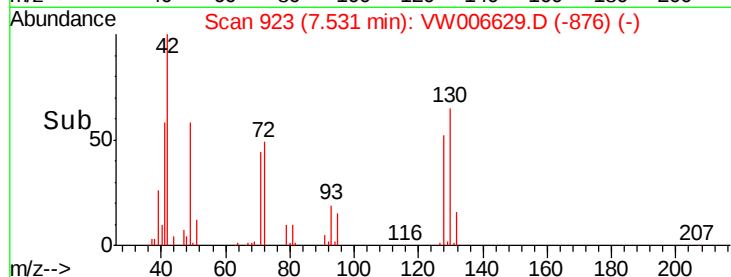
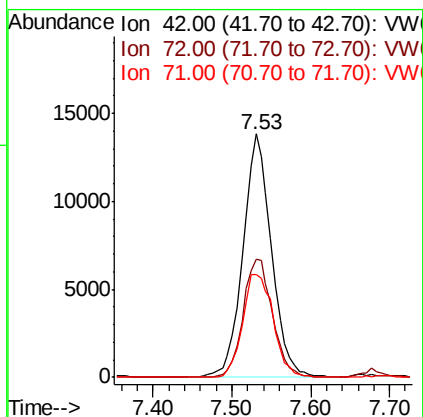
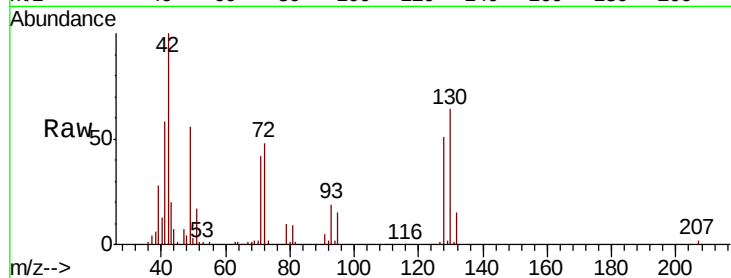
#29
Tetrahydrofuran
Concen: 101.452 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.2	58.8
71	45.3	37.6	56.4

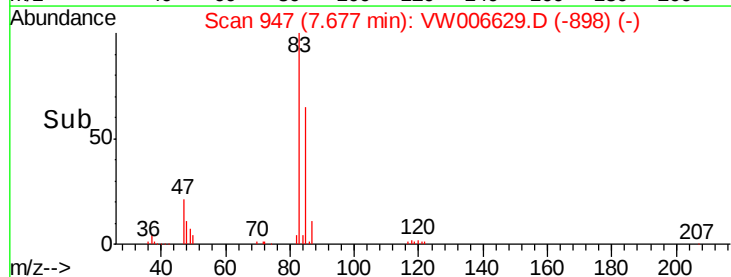
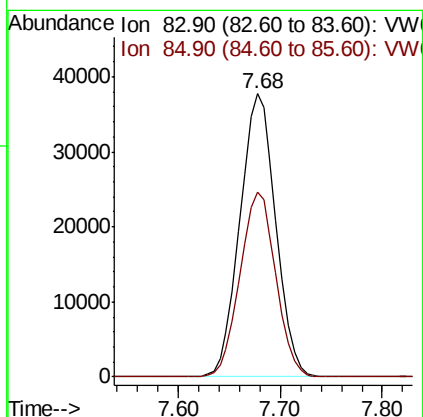
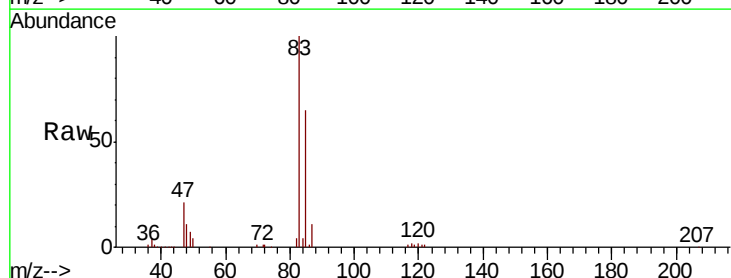
Manual Integrations
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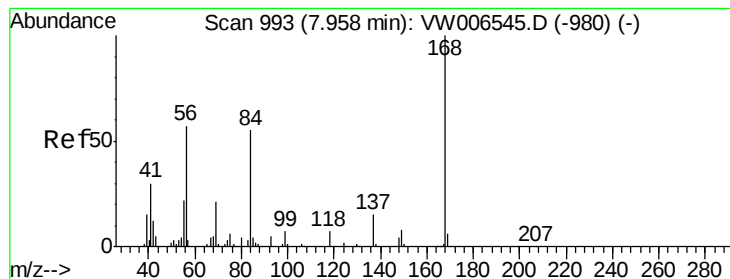
apatel
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#30
Chloroform
Concen: 20.263 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.3	76.9





#31

Cvclohexane

Concen: 21.449 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 56 Resp: 80770

Ion Ratio Lower Upper

56 100

69 39.4 29.0 43.4

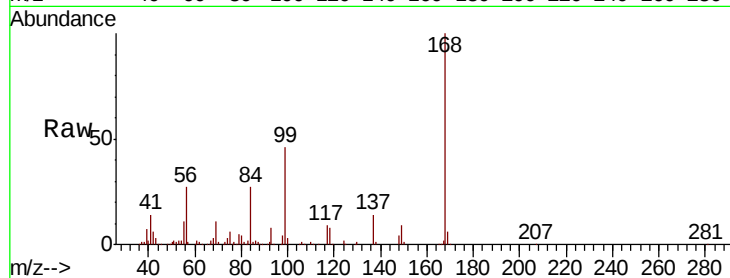
84 97.1 77.8 116.6

Manual Integrations

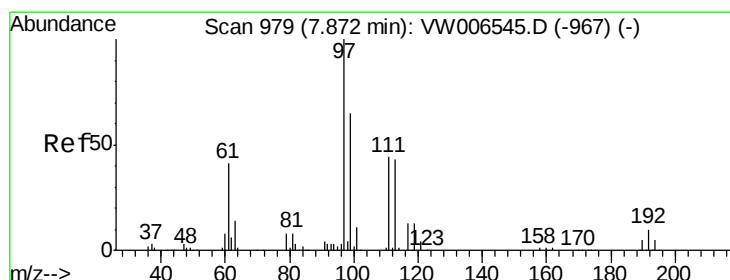
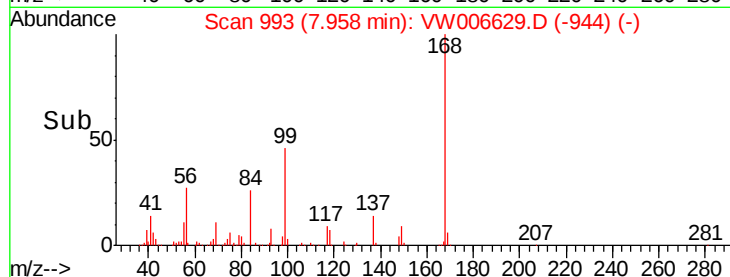
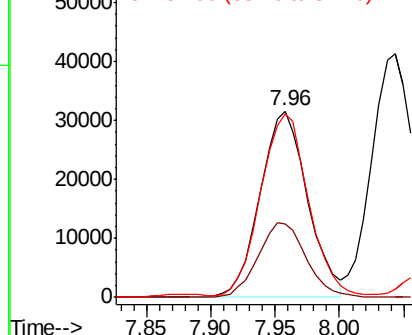
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.801 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

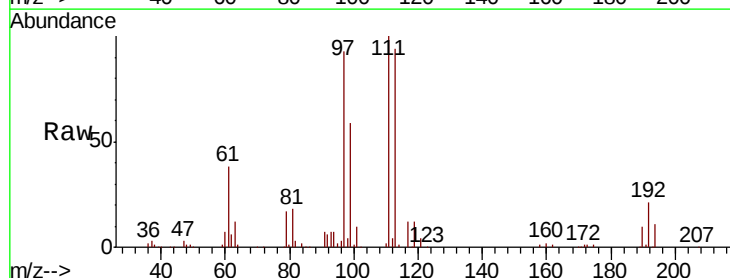
Tgt Ion: 97 Resp: 83682

Ion Ratio Lower Upper

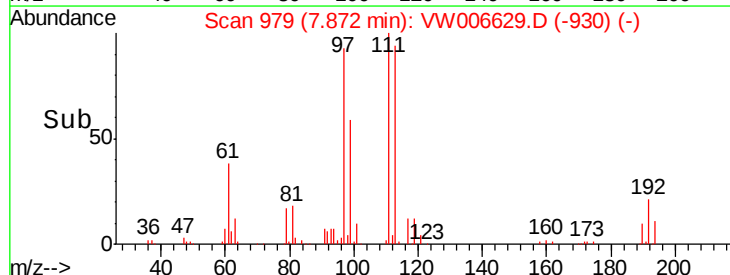
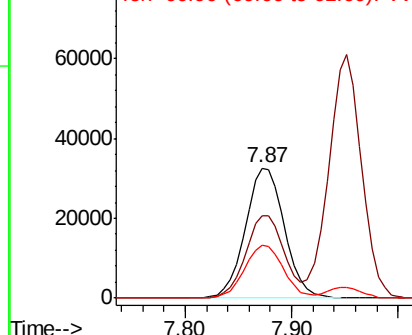
97 100

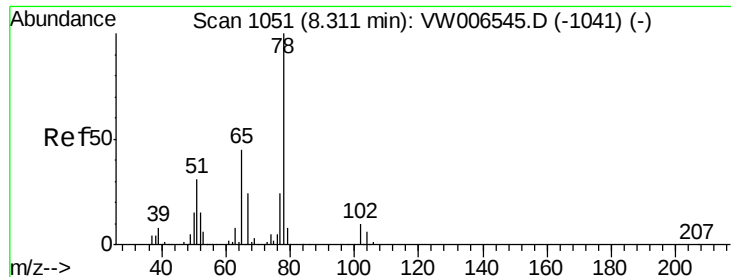
99 62.7 51.7 77.5

61 40.5 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 47.649 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 65 Resp: 112648

Ion Ratio Lower Upper

65 100

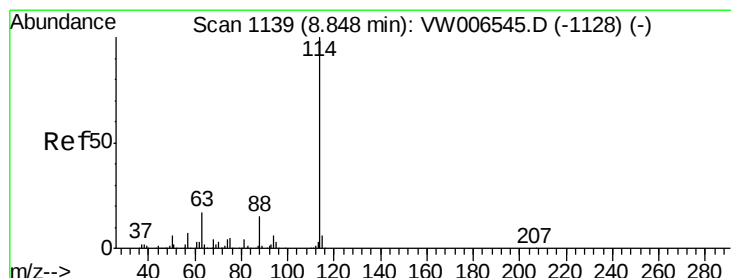
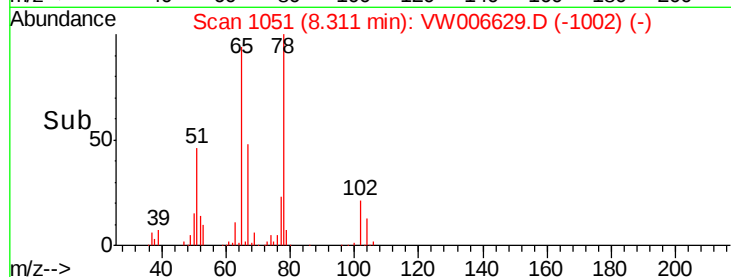
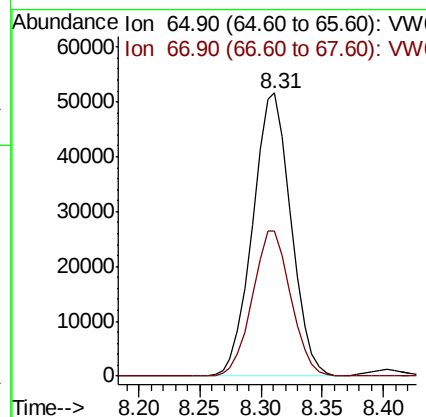
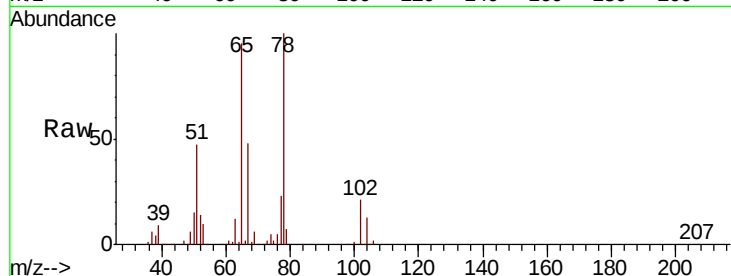
67 51.3 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

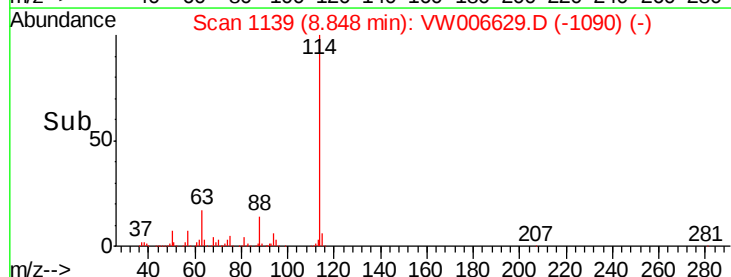
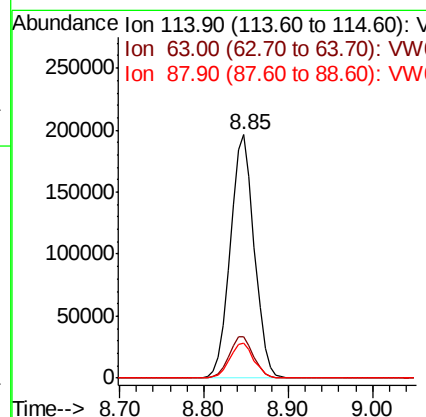
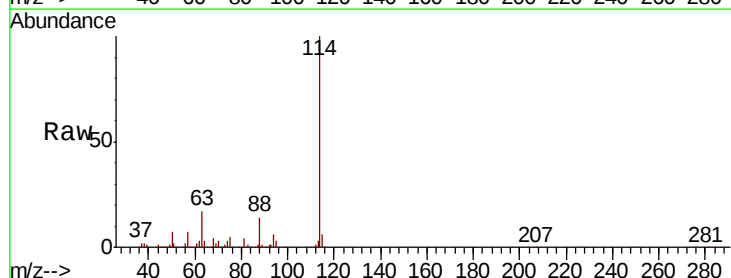
Tgt Ion: 114 Resp: 379658

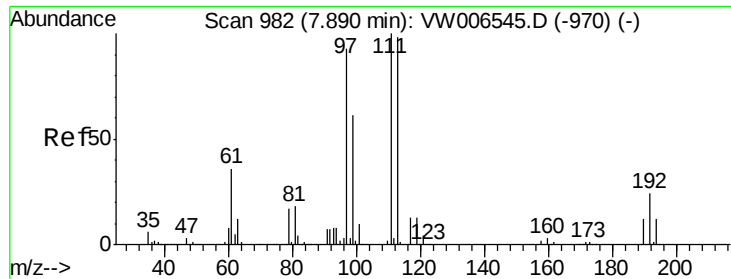
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.3 0.0 29.0





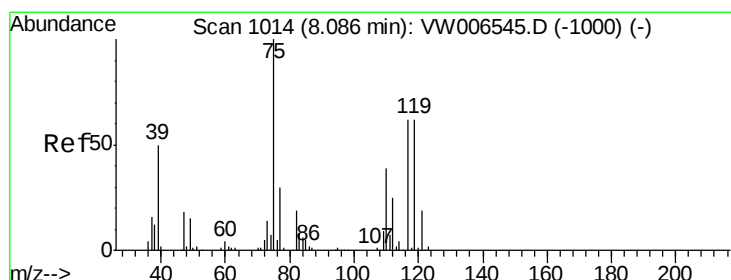
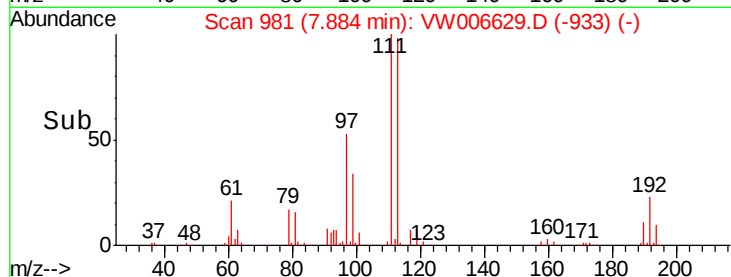
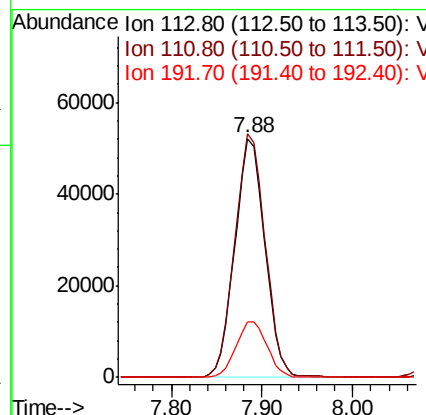
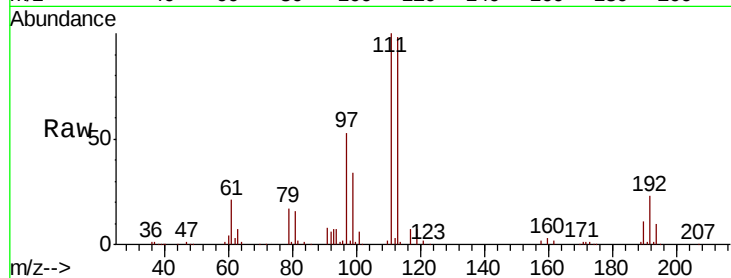
#35
 Dibromofluoromethane
 Concen: 50.601 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	82.2	123.2	
192	23.9	19.0	28.6	

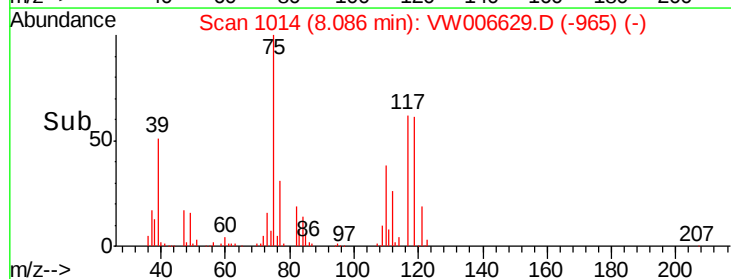
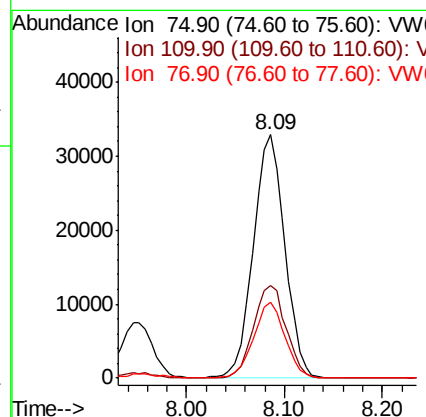
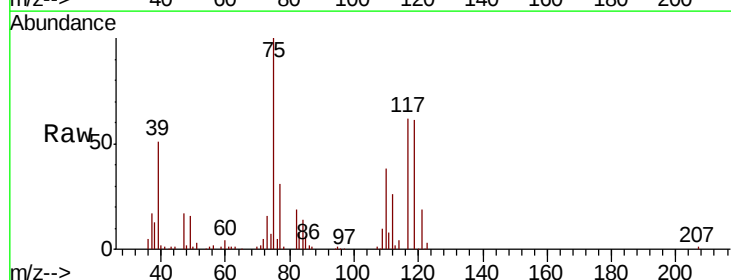
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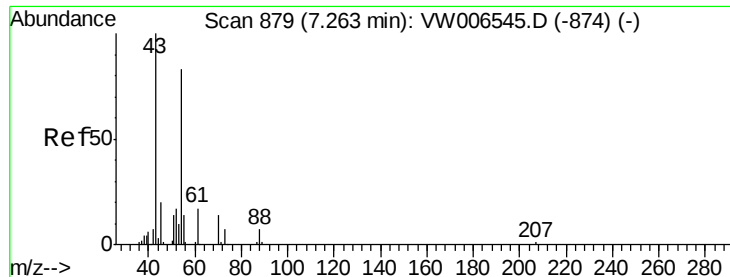
apatel
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#36
 1,1-Dichloropropene
 Concen: 22.030 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.1	19.5	58.5	
77	31.1	24.6	37.0	





#37

Ethyl Acetate

Concen: 21.783 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

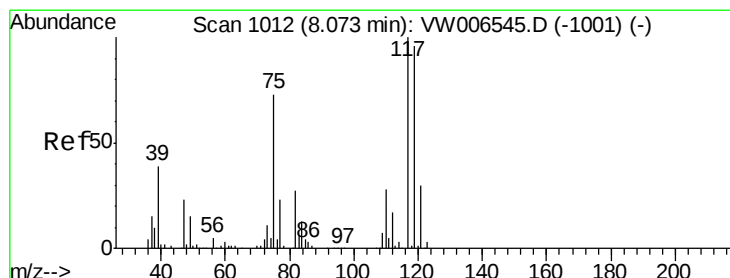
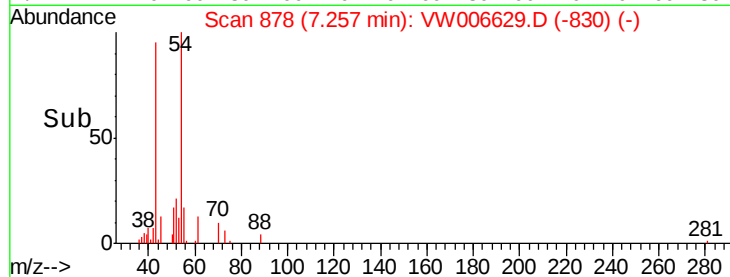
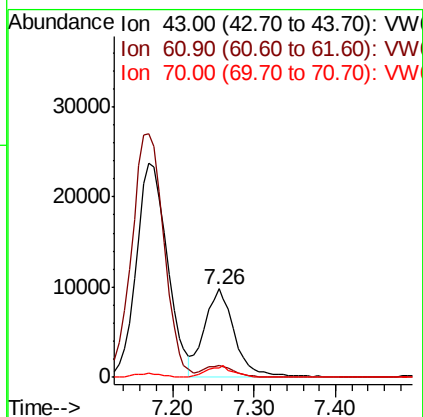
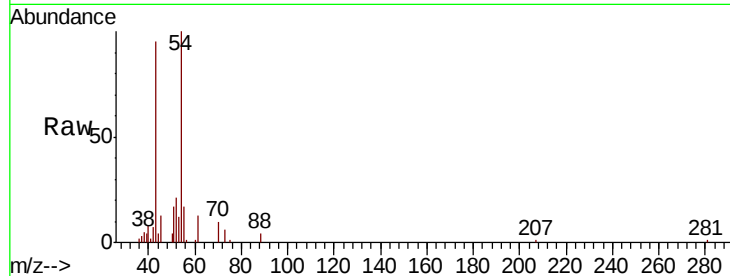
ClientSampled :

VW1105SBS01

Tot Ion:	43	Resp:	25203
Ion	Ratio	Lower	Upper
43	100		
61	13.7	12.1	18.1
70	11.3	9.8	14.6

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#38

Carbon Tetrachloride

Concen: 22.817 ug/l

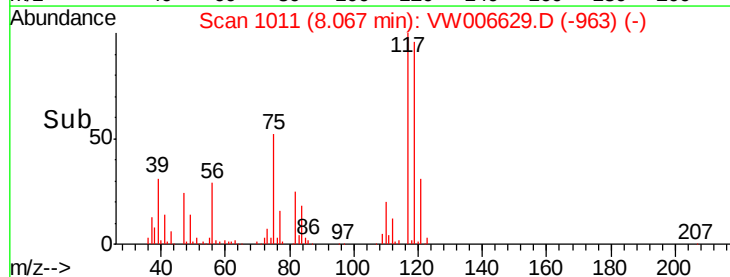
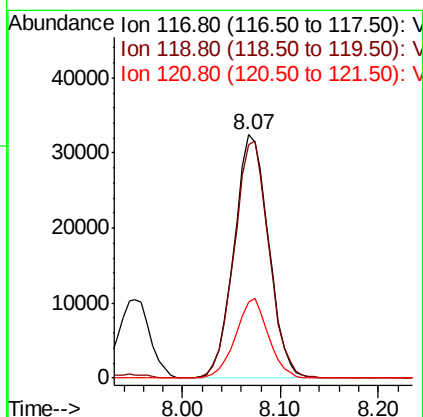
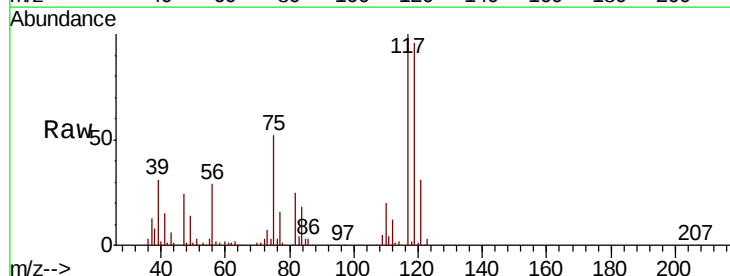
RT: 8.07 min Scan# 1011

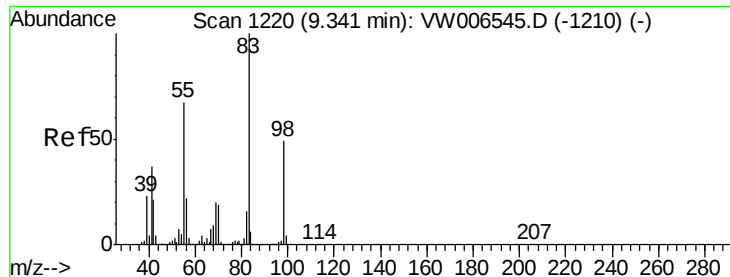
Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	117	Resp:	79602
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.3	114.5
121	31.1	24.1	36.1





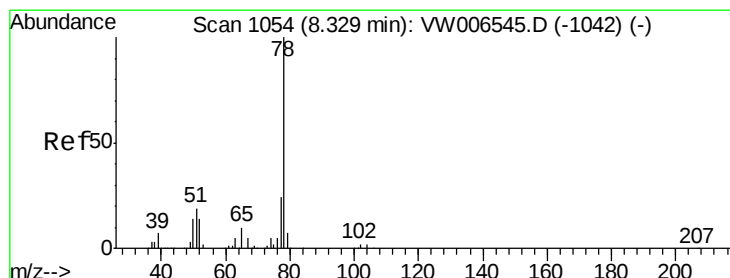
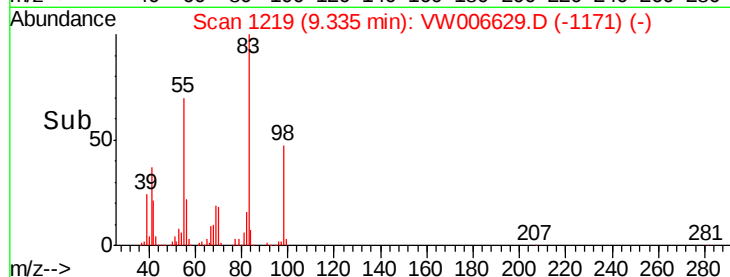
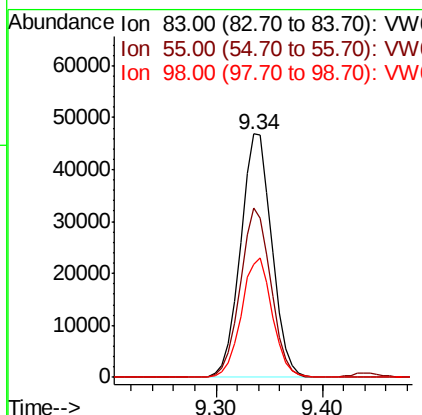
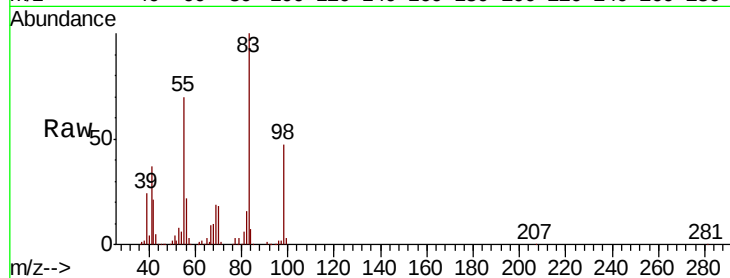
#39
Methylcyclohexane
Concen: 22.786 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	53.7	80.5
98	46.7	39.2	58.8

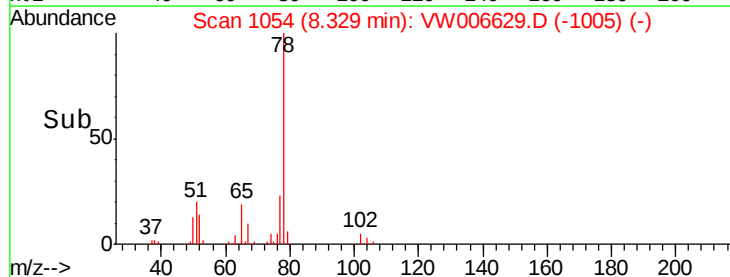
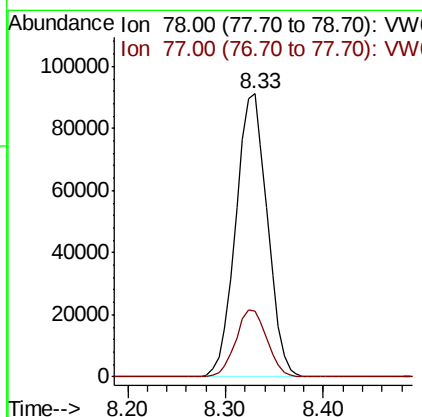
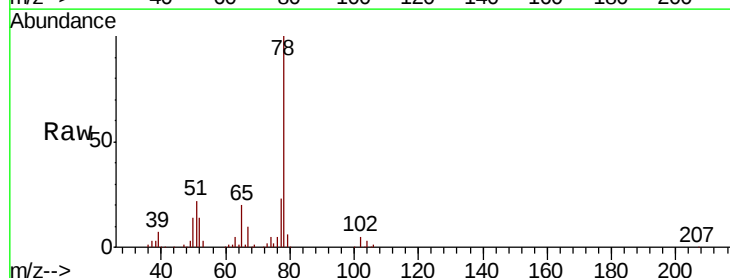
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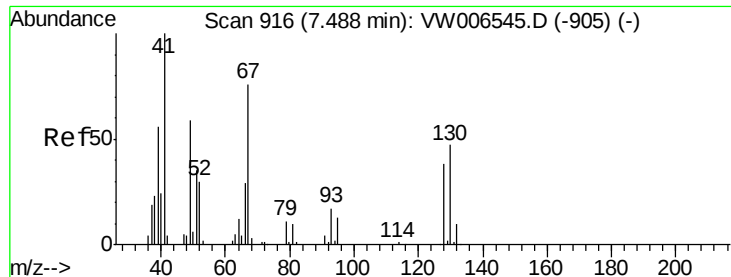
apatel
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#40
Benzene
Concen: 21.518 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





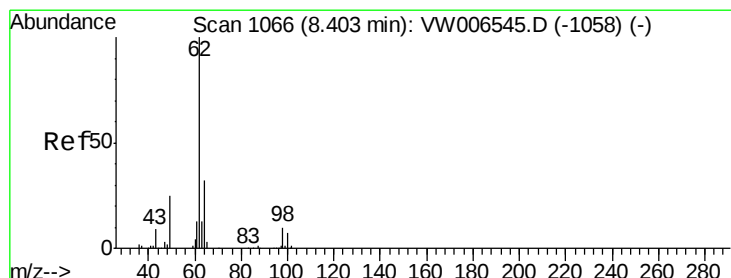
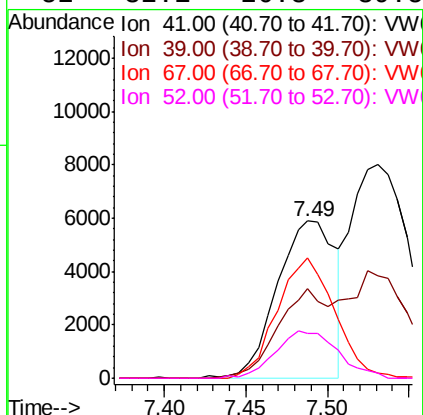
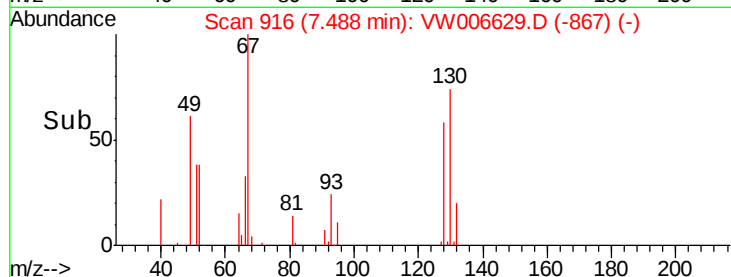
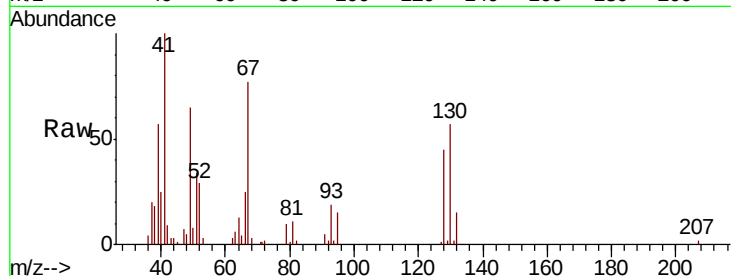
#41
Methacrylonitrile
Concen: 20.662 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	47.4	44.5	66.7	
67	75.4	63.8	95.8	
52	32.1	26.3	39.5	

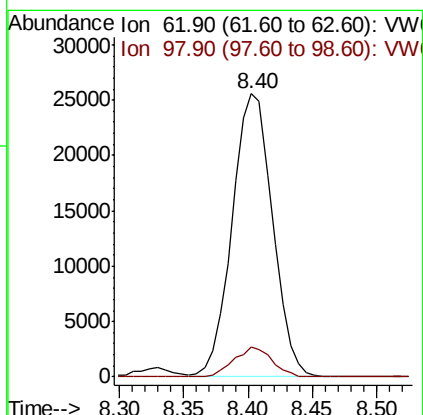
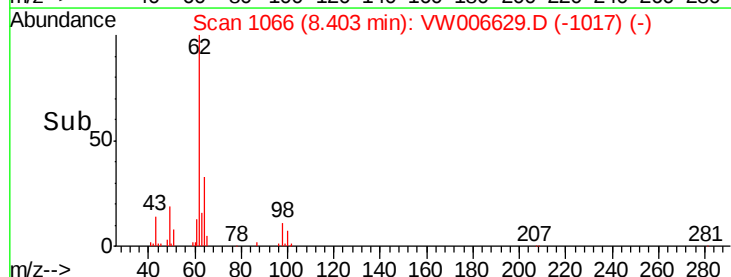
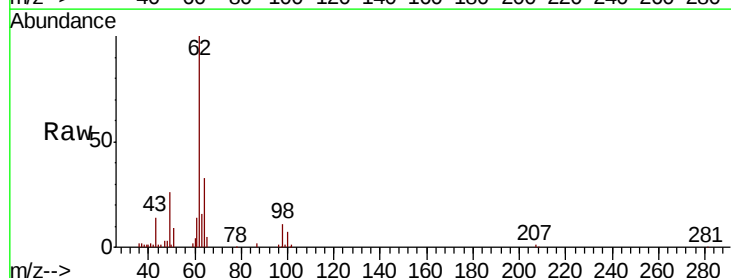
Manual Integrations
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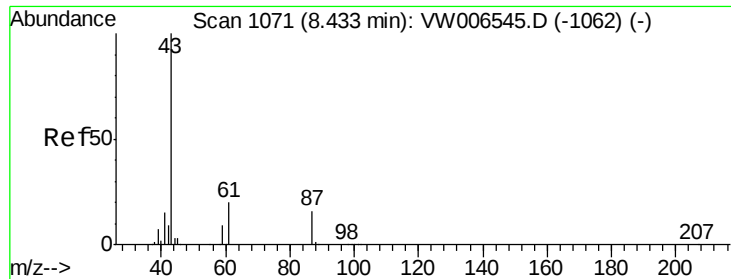
apatel
11/6/2018 8:13:25 AM



#42
1,2-Dichloroethane
Concen: 20.508 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.8	





#43

Isopropyl Acetate

Concen: 20.866 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

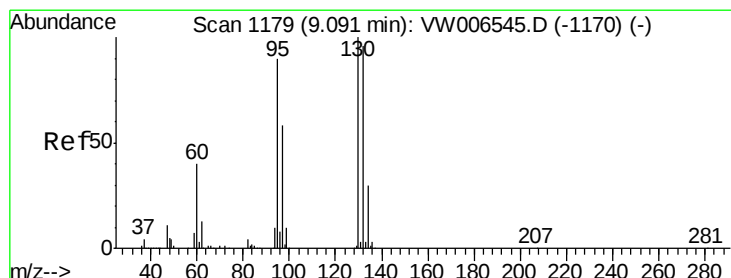
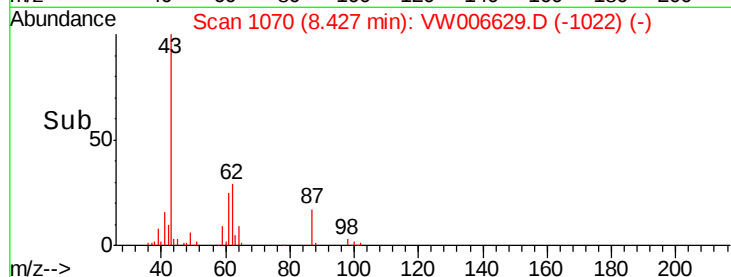
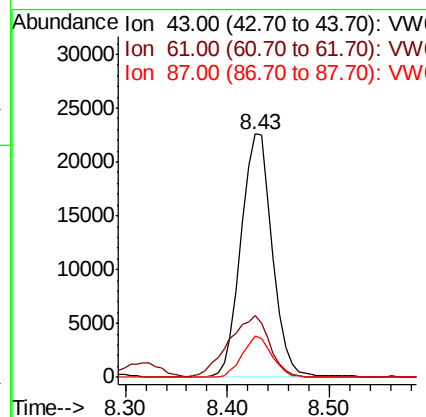
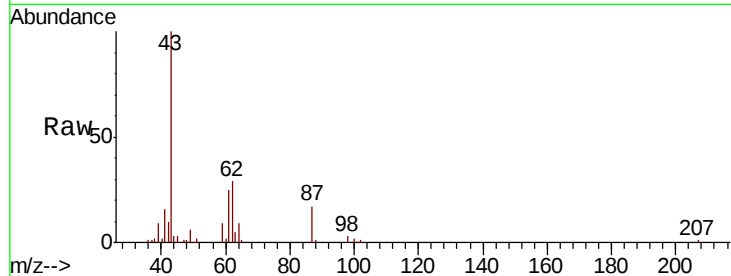
ClientSampleId :

VW1105SBS01

Tot Ion:	43	Resp:	48175
Ion	Ratio	Lower	Upper
43	100		
61	33.1	27.2	40.8
87	16.1	12.9	19.3

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#44

Trichloroethene

Concen: 21.383 ug/l

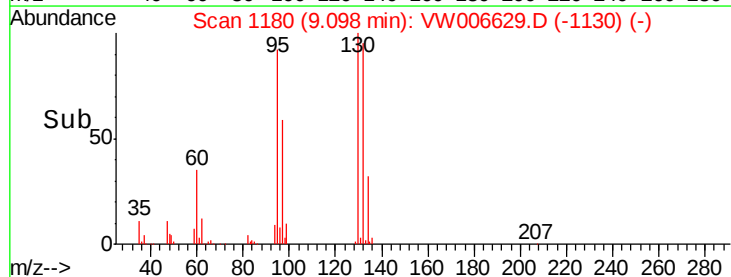
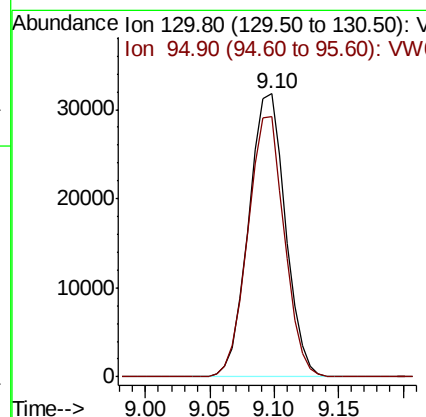
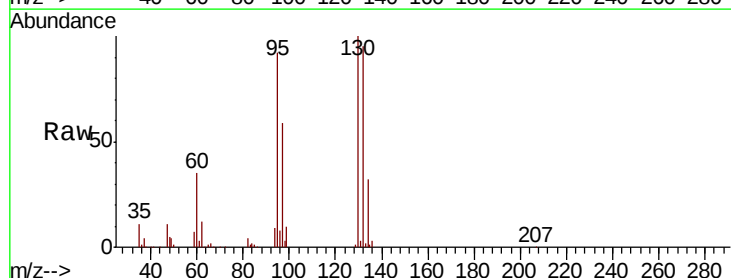
RT: 9.10 min Scan# 1180

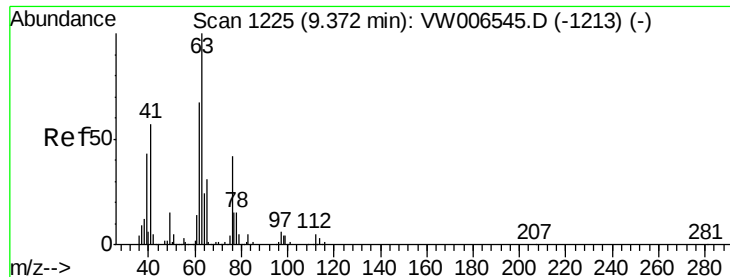
Delta R.T. 0.01 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	130	Resp:	62575
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	179.2





#45

1,2-Dichloropropane

Concen: 21.486 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 63 Resp: 47417

Ion Ratio Lower Upper

63 100

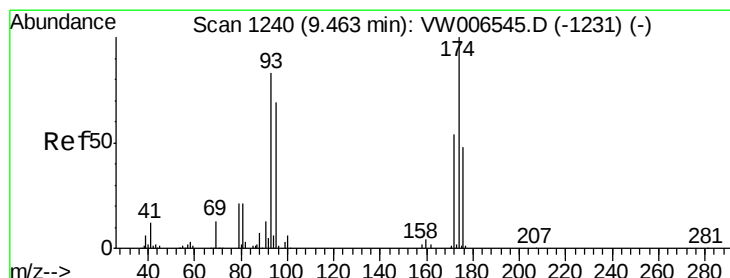
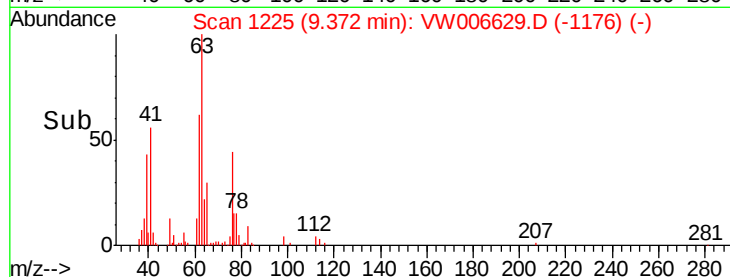
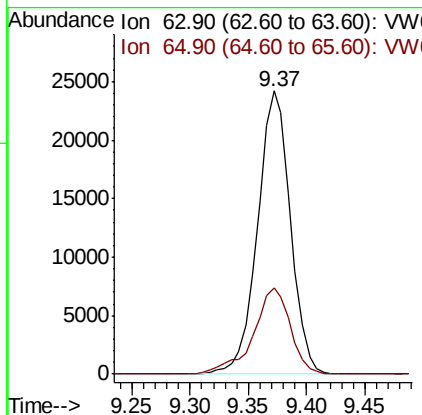
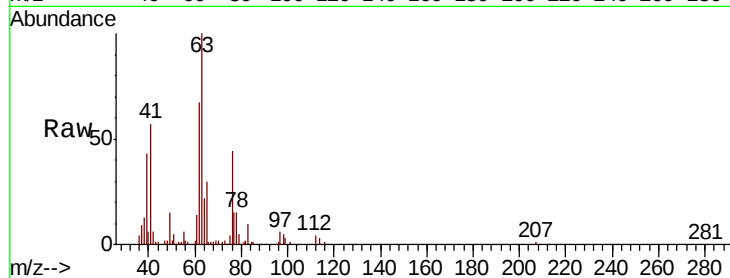
65 30.4 25.1 37.7

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#46

Dibromomethane

Concen: 20.525 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

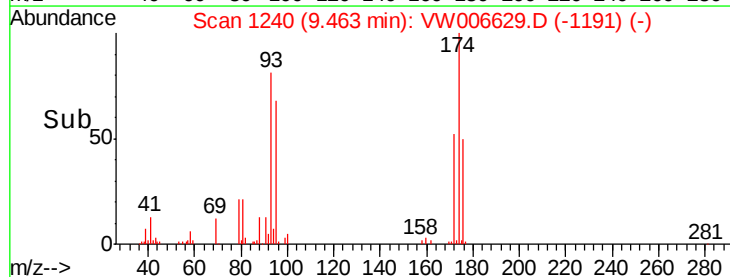
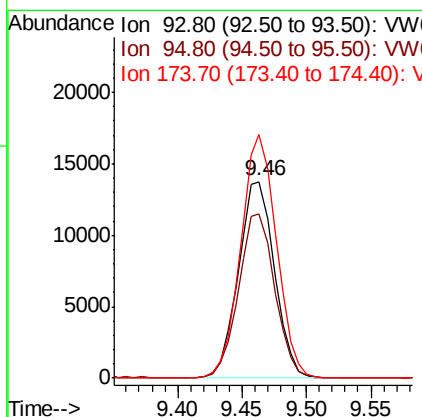
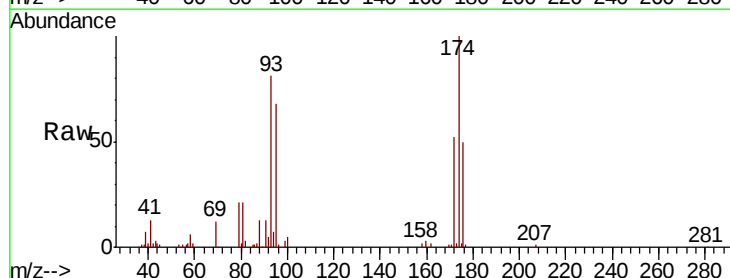
Tgt Ion: 93 Resp: 26627

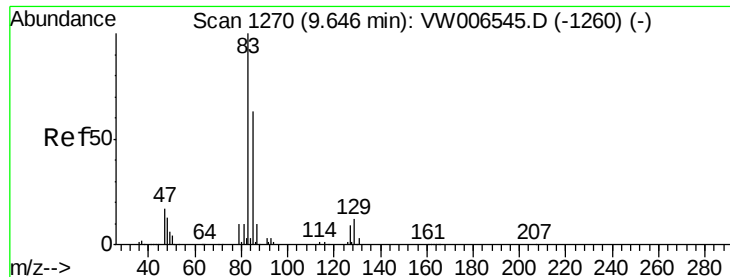
Ion Ratio Lower Upper

93 100

95 84.1 67.2 100.8

174 122.3 97.3 145.9





#47

Bromodichloromethane

Concen: 21.078 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

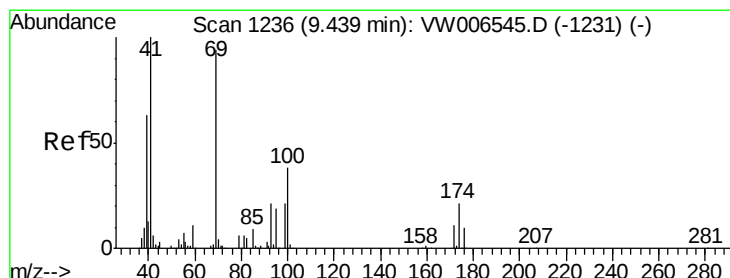
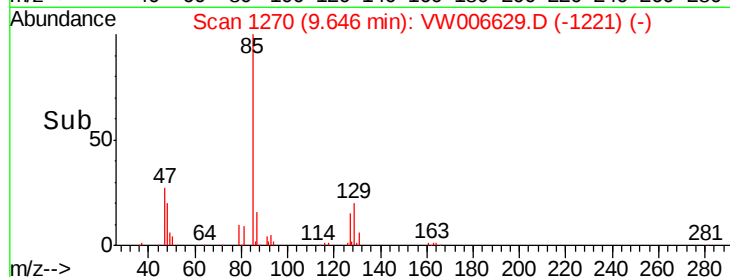
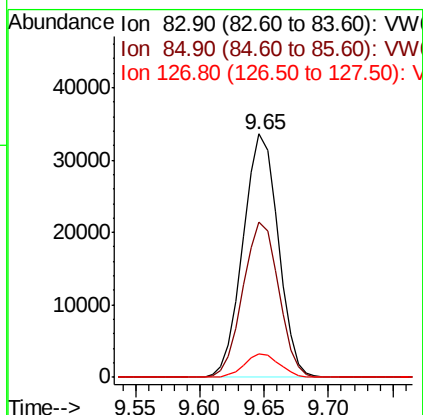
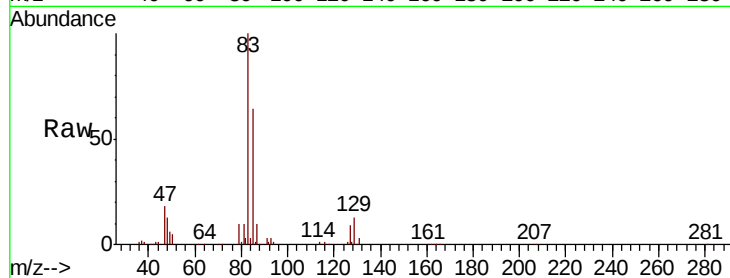
ClientSampleId :

VW1105SBS01

Tot Ion:	83	Resp:	63493
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	75.8
127	9.5	7.5	11.3

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#48

Methyl methacrylate

Concen: 20.347 ug/l

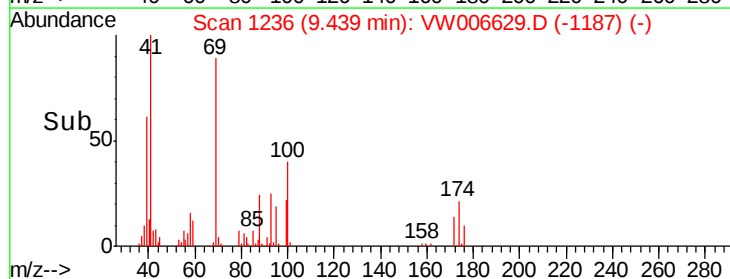
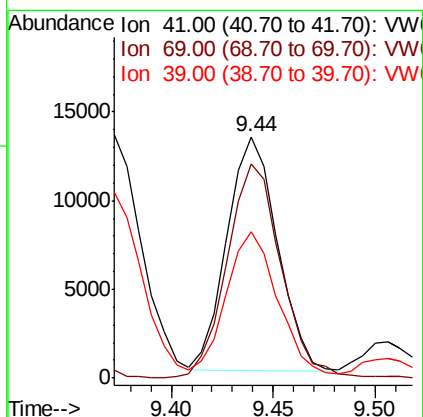
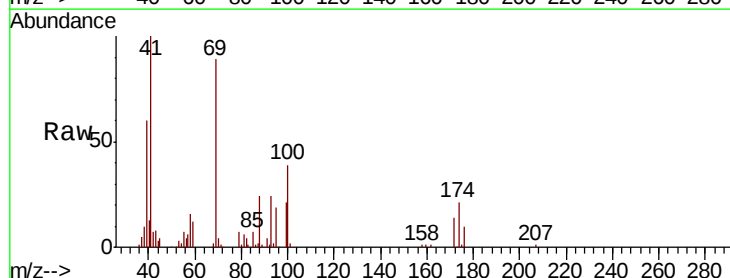
RT: 9.44 min Scan# 1236

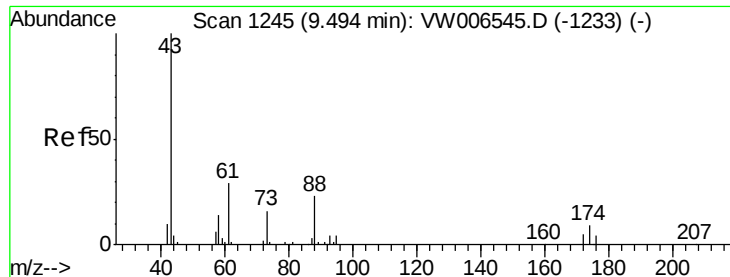
Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	41	Resp:	22633
Ion	Ratio	Lower	Upper
41	100		
69	98.2	77.8	116.8
39	60.1	48.7	73.1





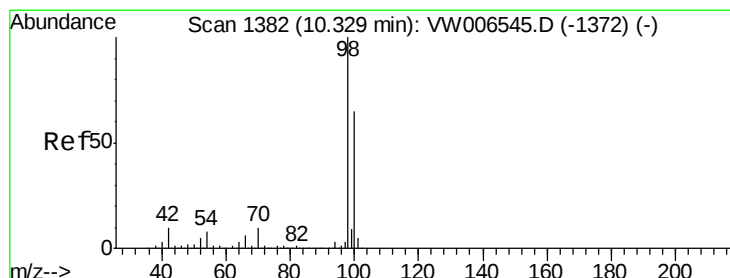
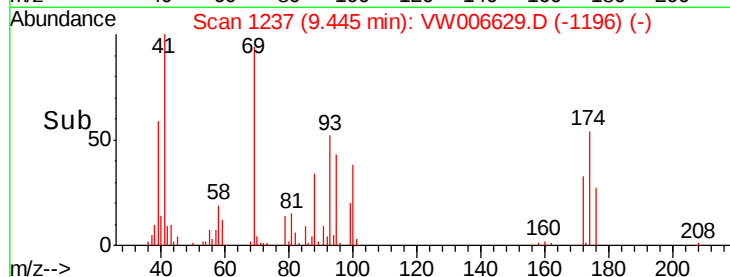
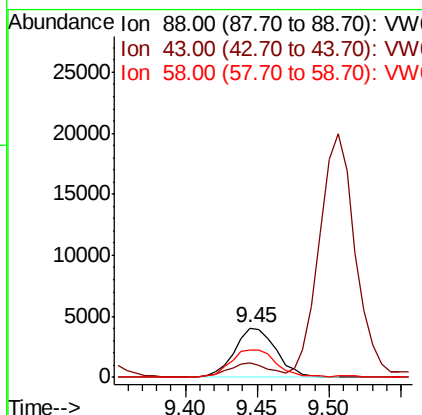
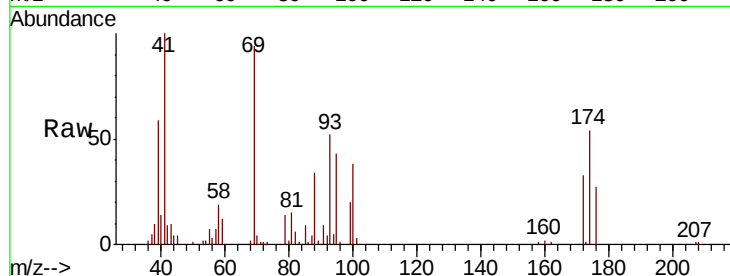
#49
 1,4-Dioxane
 Concen: 427.105 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.05 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	356.6	534.8#
58	61.3	51.4	77.2

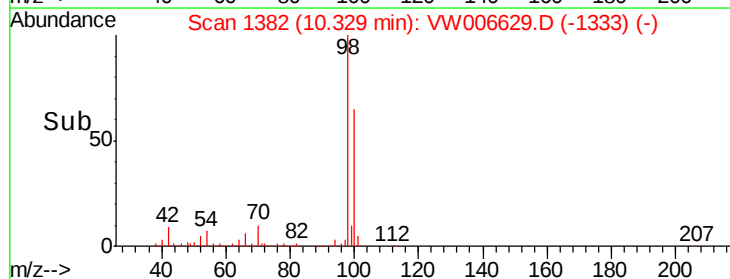
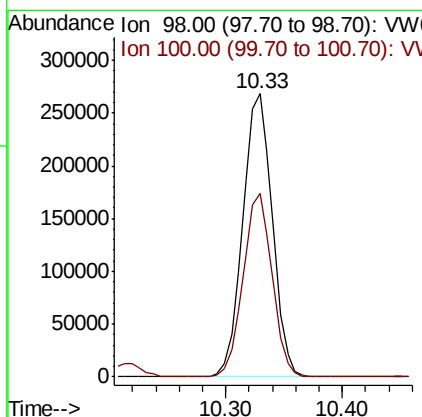
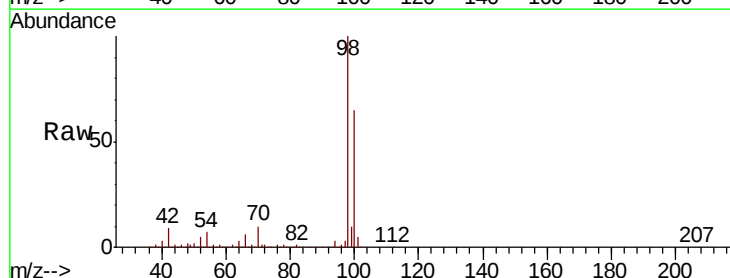
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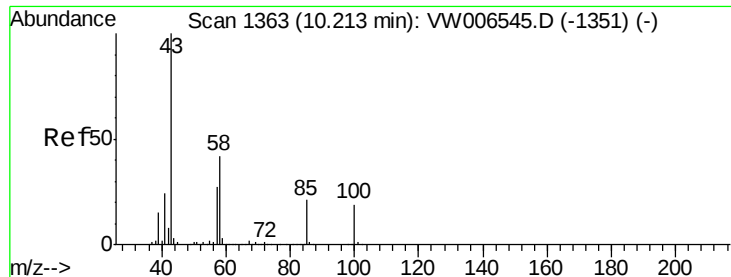
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 11/6/2018 8:13:25 AM



#50
 Toluene-d8
 Concen: 52.271 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 102.370 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 43 Resp: 121386

Ion Ratio Lower Upper

43 100

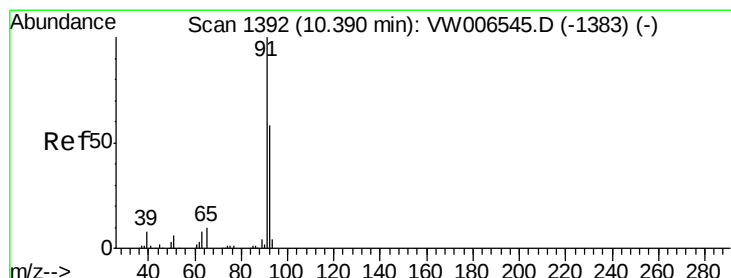
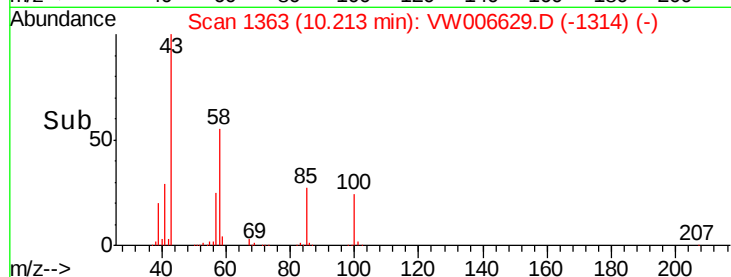
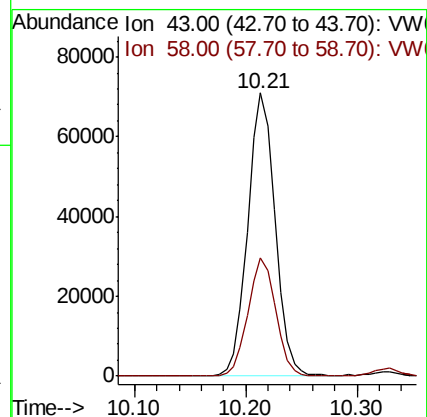
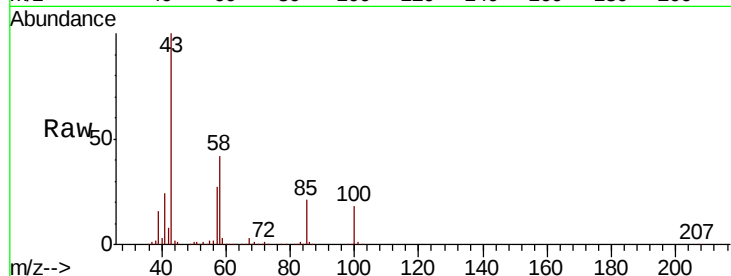
58 42.3 33.4 50.0

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#52

Toluene

Concen: 21.105 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006629.D

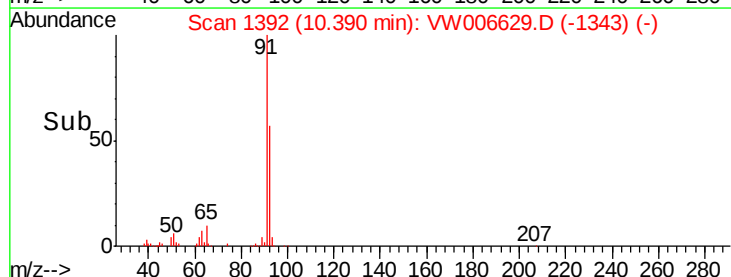
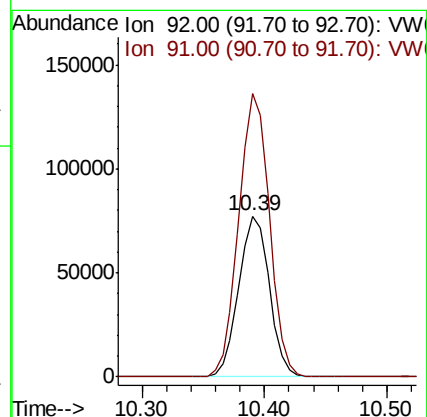
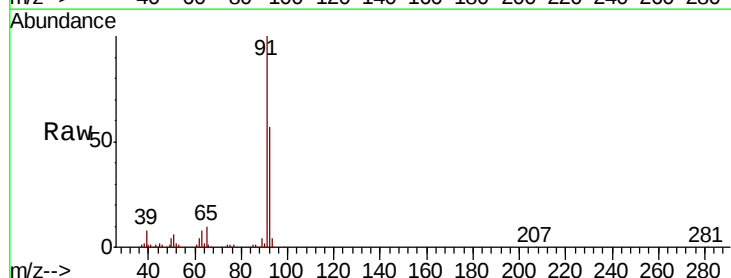
Acq: 05 Nov 2018 12:14

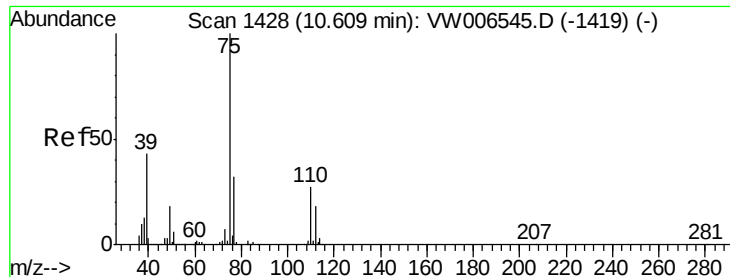
Tgt Ion: 92 Resp: 134240

Ion Ratio Lower Upper

92 100

91 176.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.434 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD01

Tot Ion: 75 Resp: 62138

Ion Ratio Lower Upper

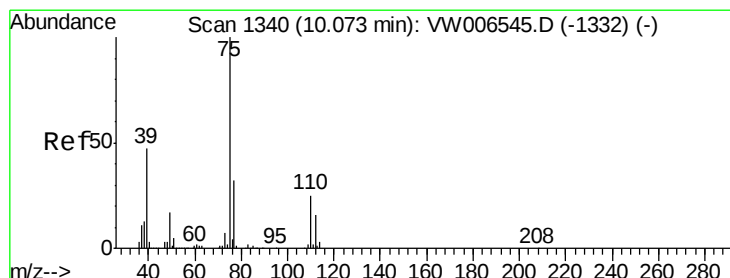
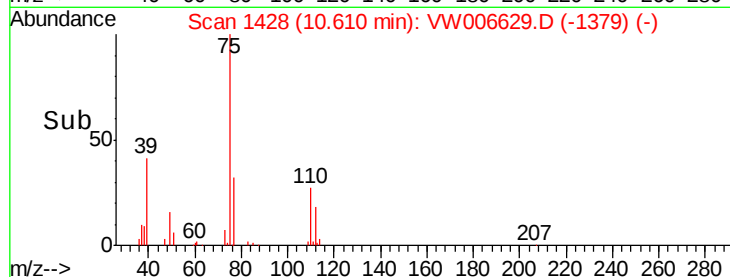
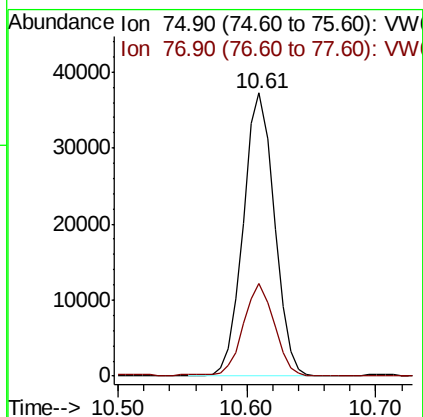
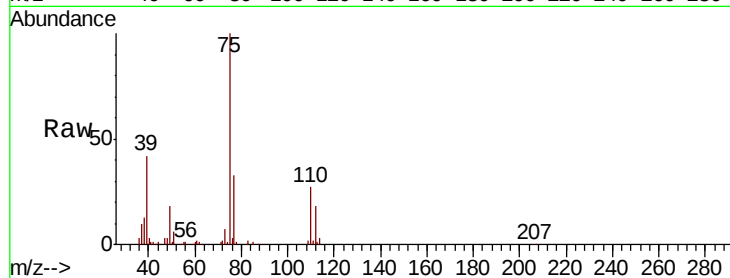
75 100

77 32.4 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 21.401 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

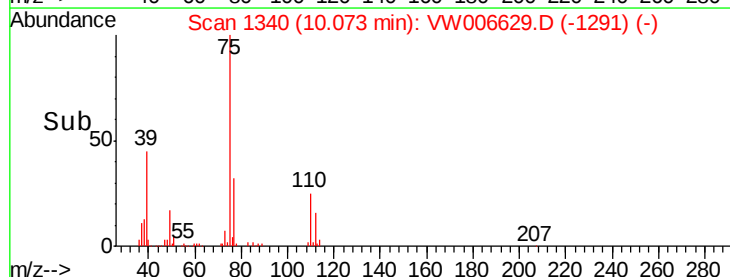
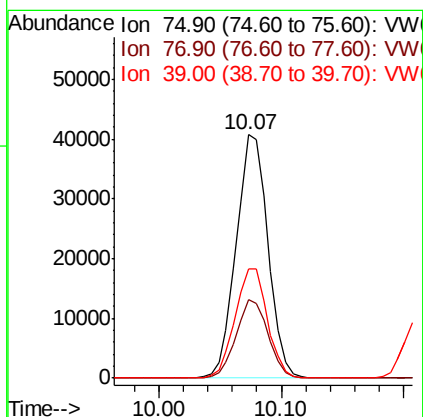
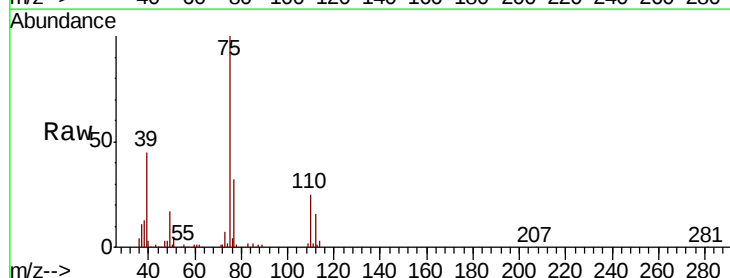
Tgt Ion: 75 Resp: 73316

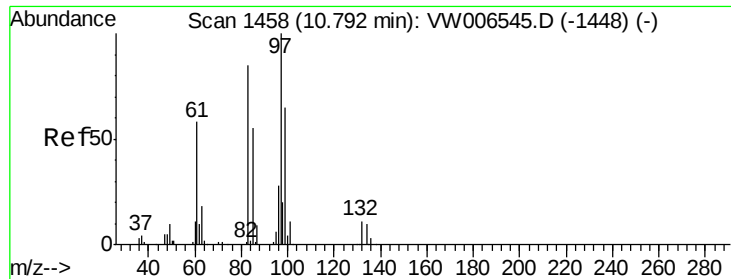
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

39 44.9 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 20.587 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

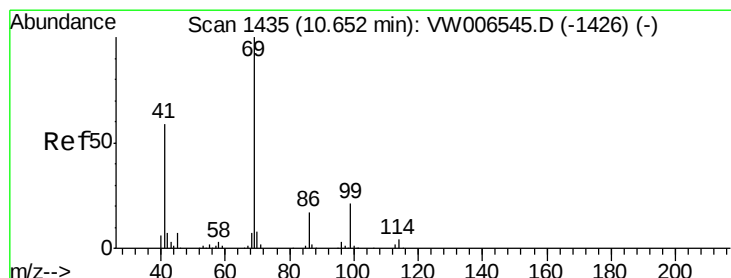
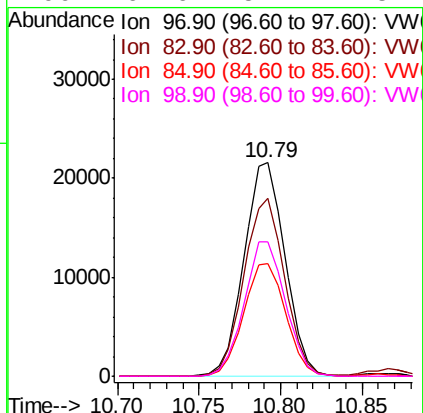
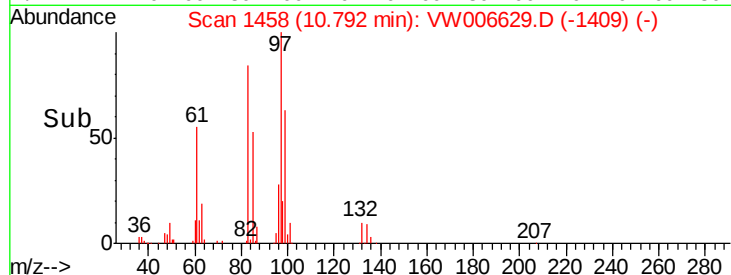
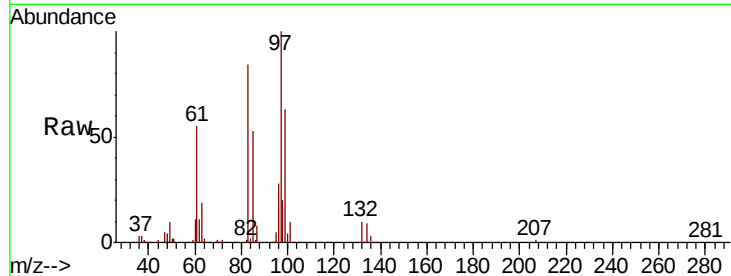
ClientSampleId :

VW1105SBS01

Tot Ion:	97	Resp:	37895
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.9	101.9
85	52.8	44.0	66.0
99	62.6	52.2	78.2

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#56

Ethyl methacrylate

Concen: 19.816 ug/l

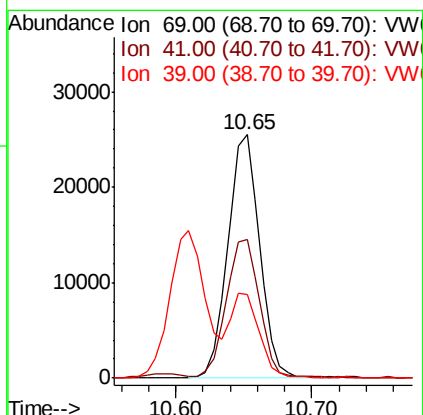
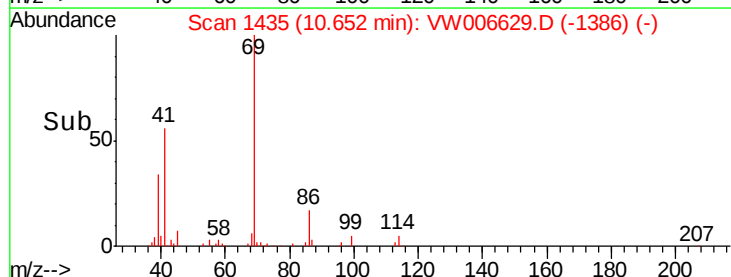
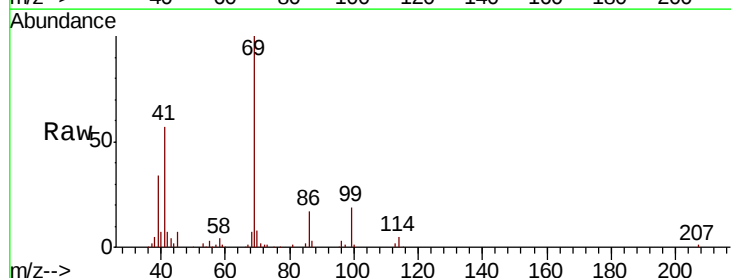
RT: 10.65 min Scan# 1435

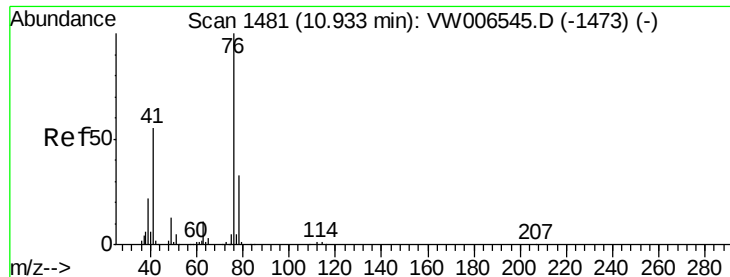
Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	69	Resp:	41458
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.4	71.2
39	31.0	25.3	37.9





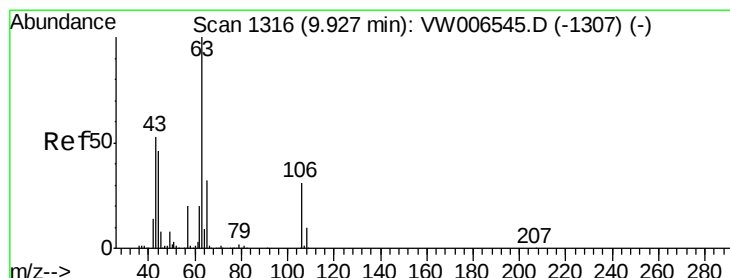
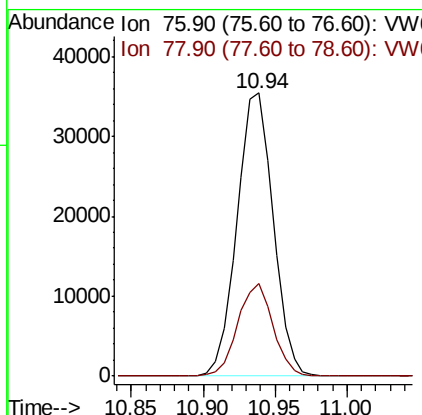
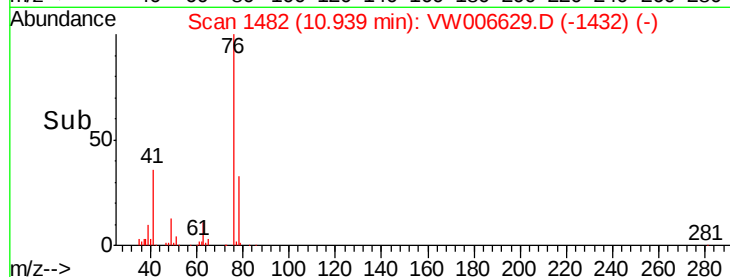
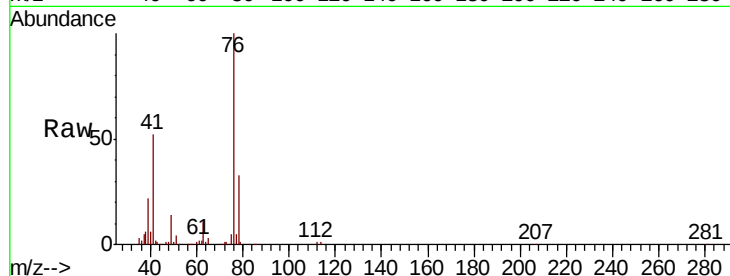
#57
 1,3-Dichloropropane
 Concen: 20.630 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

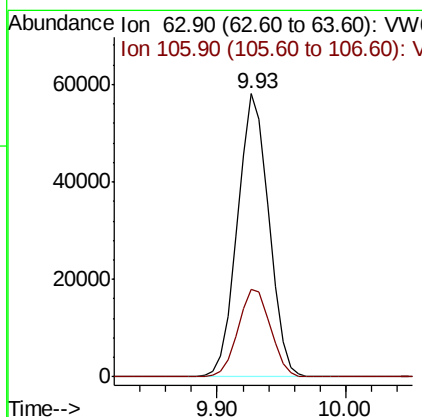
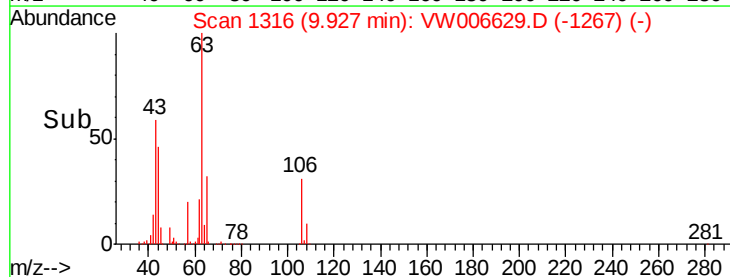
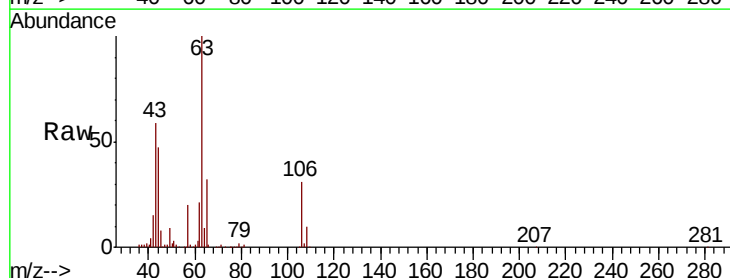
Manual Integrations
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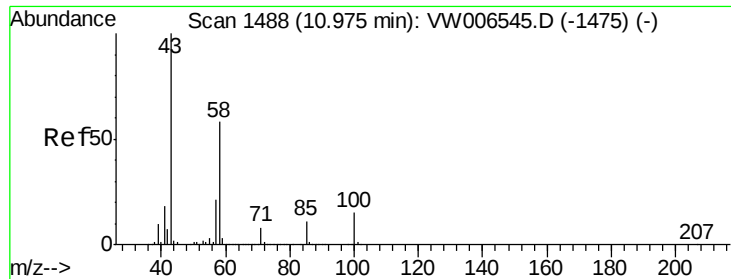
apatel
 11/6/2018 8:13:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.173 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.1	25.4	38.2





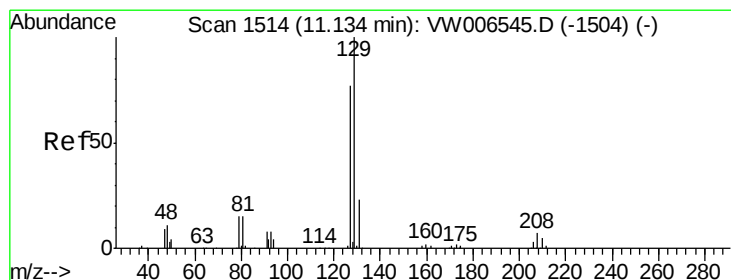
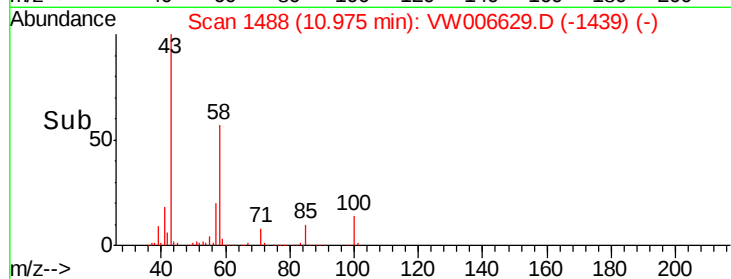
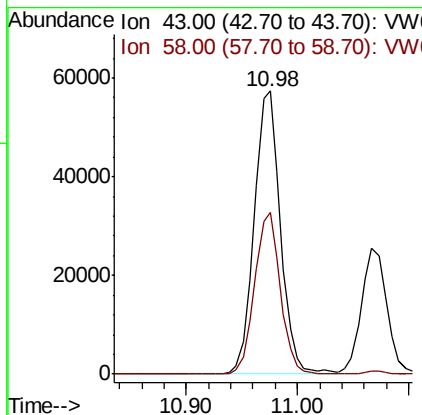
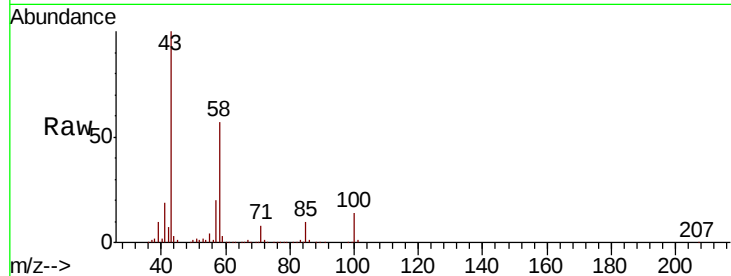
#59
2-Hexanone
Concen: 117.373 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD01

Tot Ion	43	Resp	94527
Ion Ratio	100	Lower	Upper
43	100		
58	56.0	28.8	86.4

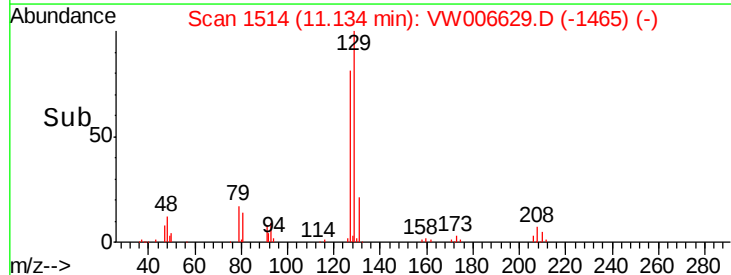
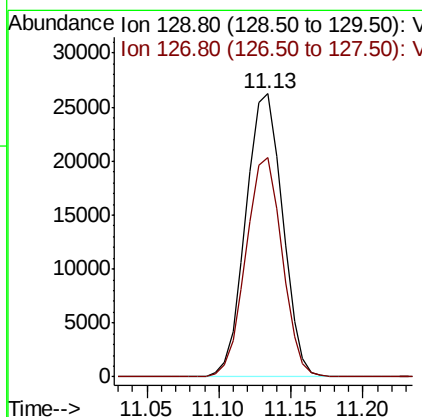
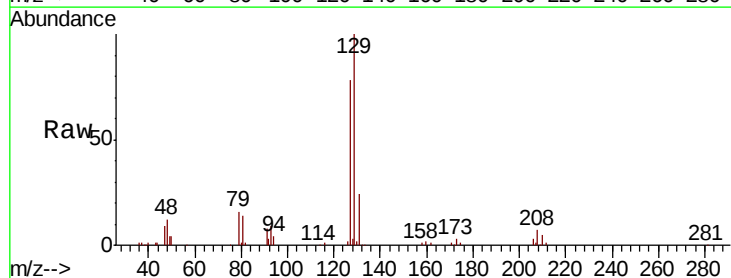
Manual Integrations
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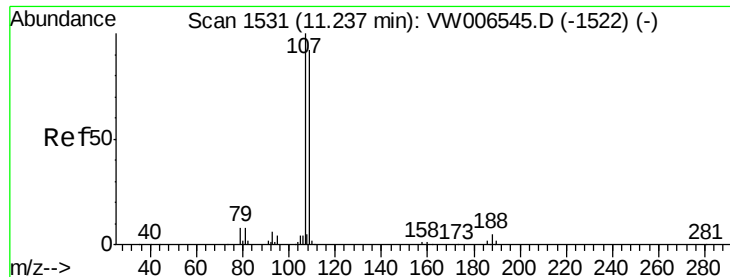
apatel
11/6/2018 8:13:25 AM



#60
Dibromochloromethane
Concen: 21.351 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	129	Resp	46565	
Ion Ratio	129	100	Lower	Upper
129	100			
127	76.3	38.8	116.3	





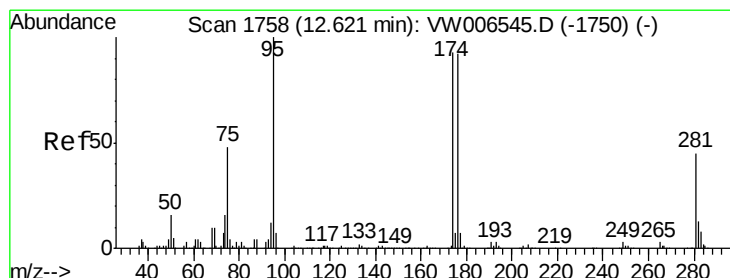
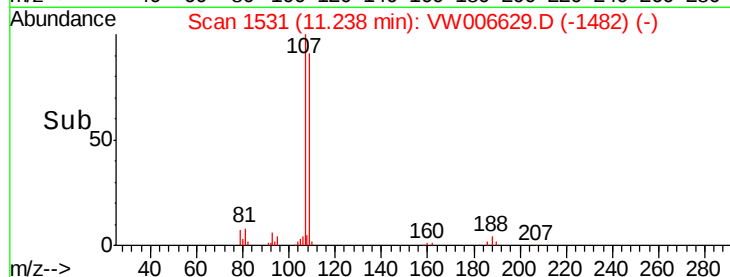
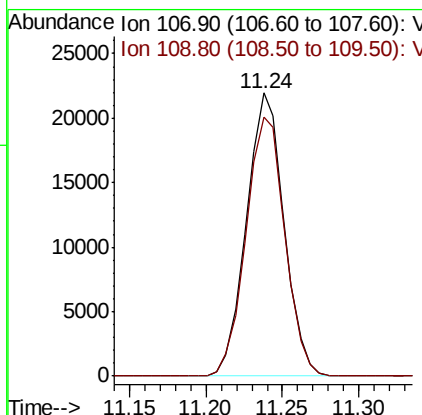
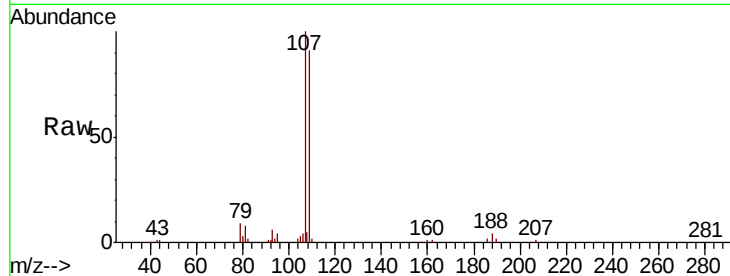
#61
 1,2-Dibromoethane
 Concen: 20.495 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD01

Tot Ion: 107 Resp: 37464
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6

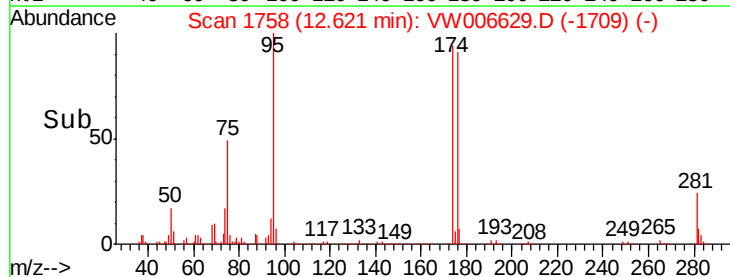
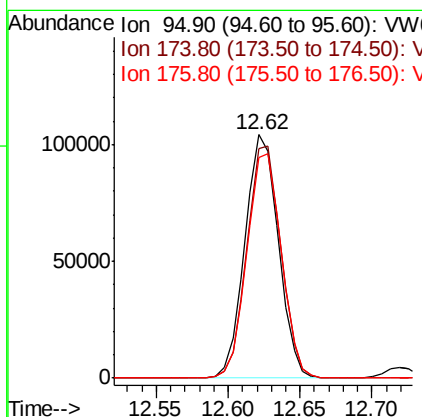
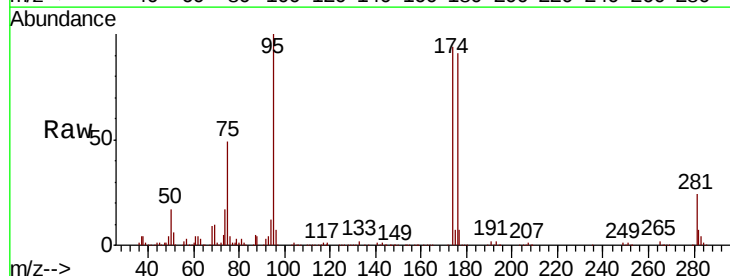
Manual Integrations
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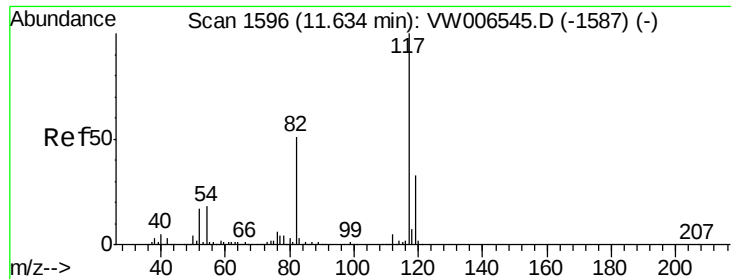
apatel
 11/6/2018 8:13:25 AM



#62
 4-Bromofluorobenzene
 Concen: 50.924 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion: 95 Resp: 167456
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 192.4
 176 94.6 0.0 187.4





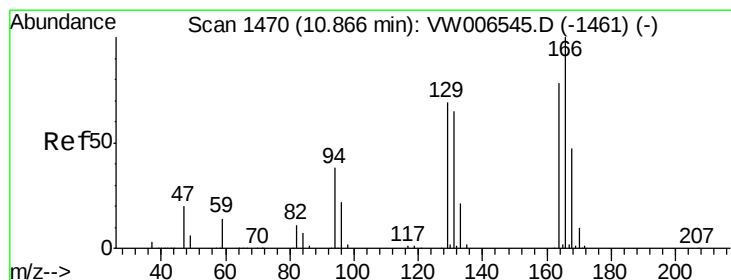
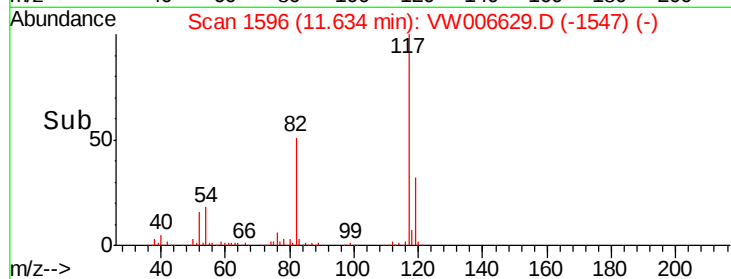
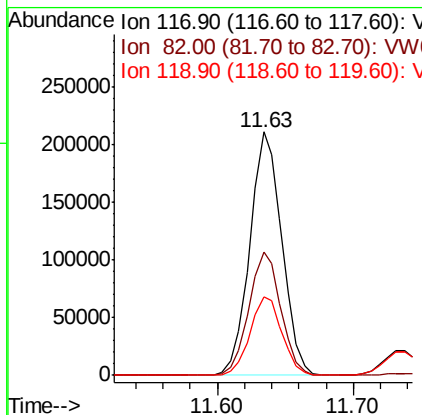
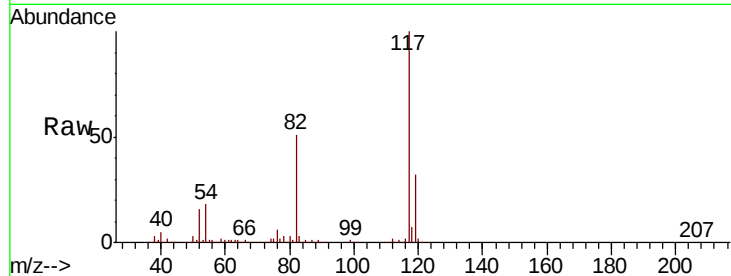
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.8	61.2
119	32.3	26.1	39.1

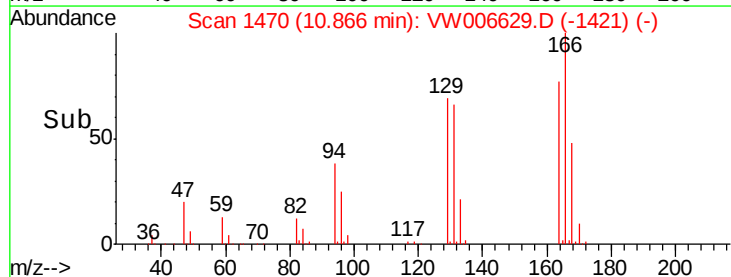
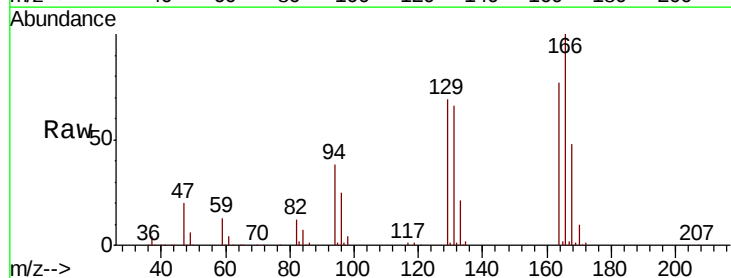
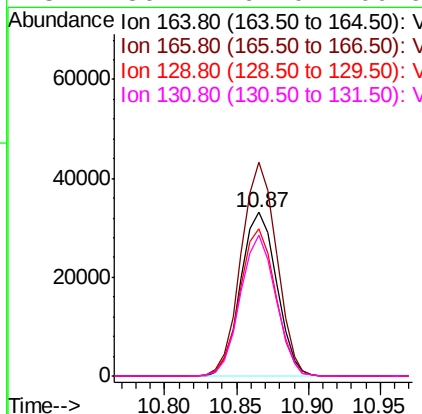
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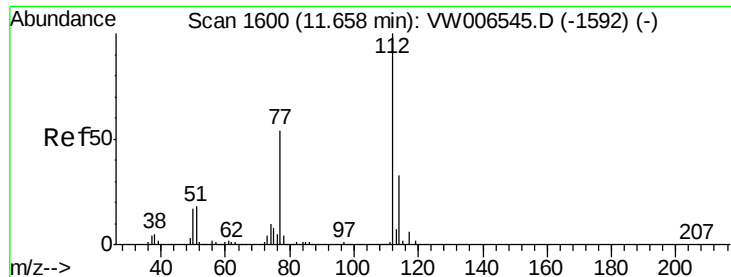
apatel
11/6/2018 8:13:25 AM



#64
Tetrachloroethene
Concen: 20.756 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	102.8	154.2
129	89.9	70.9	106.3
131	86.1	67.0	100.6





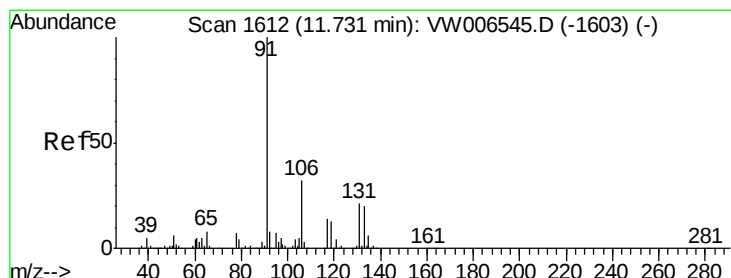
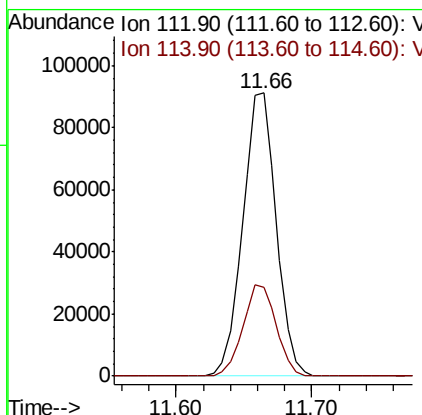
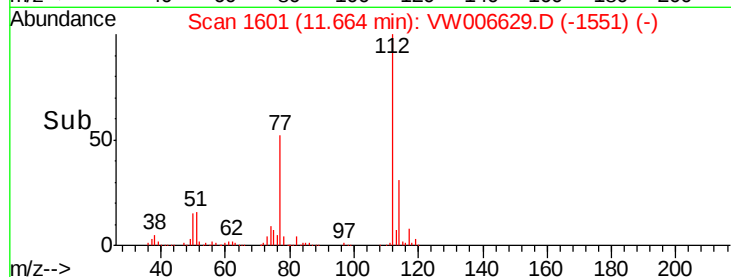
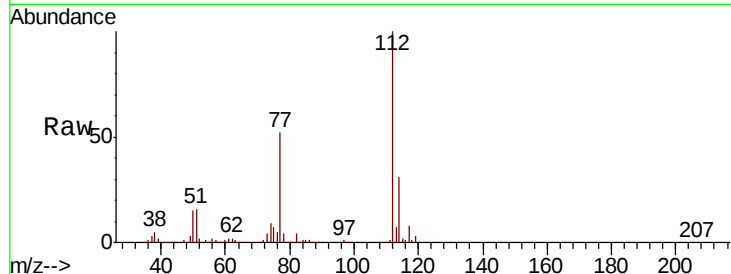
#65
Chlorobenzene
Concen: 21.394 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion:112 Resp: 156493
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2

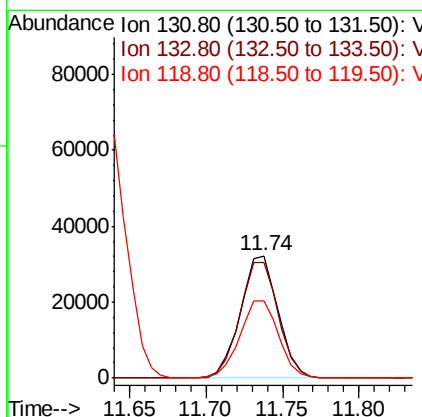
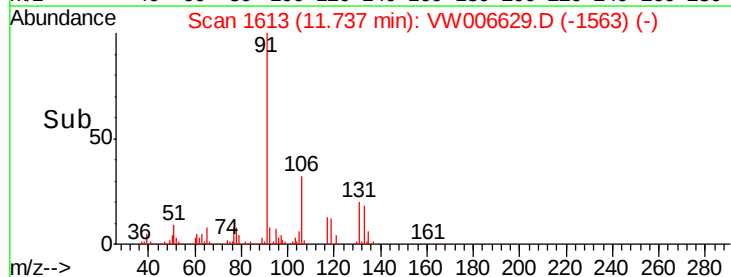
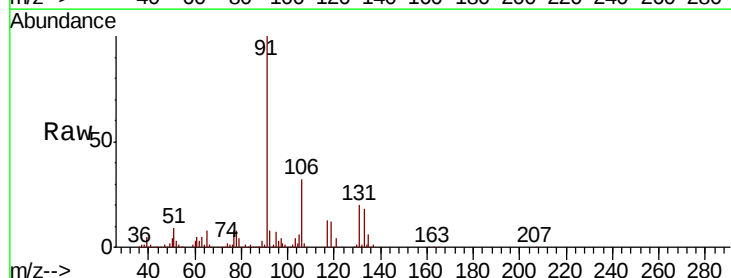
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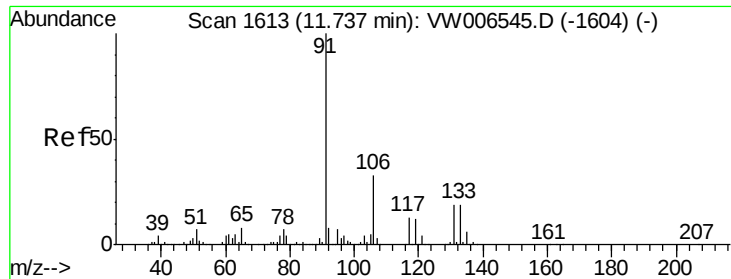
apatel
11/6/2018 8:13:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.398 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion:131 Resp: 55016
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 65.2 31.9 95.5





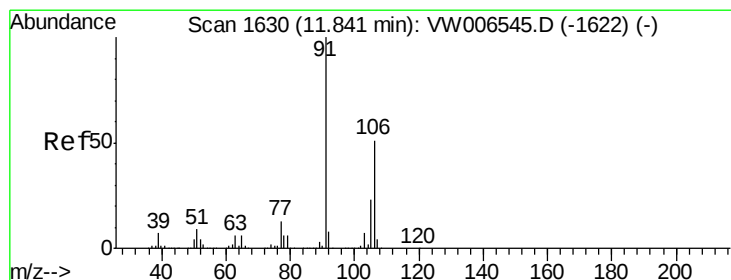
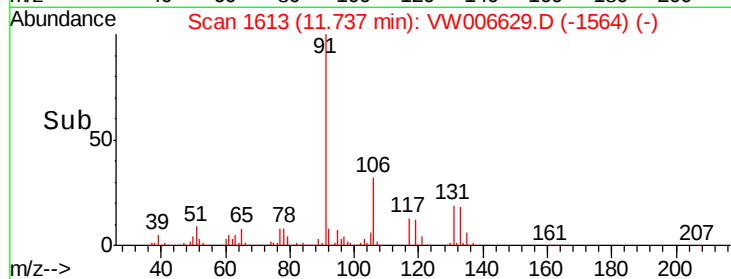
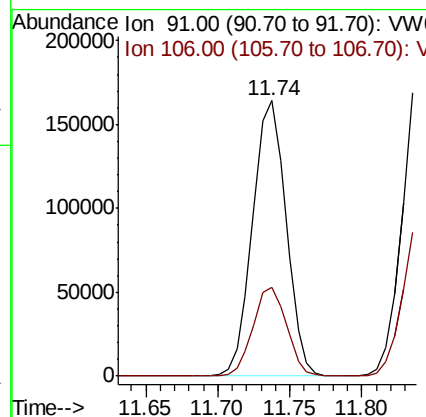
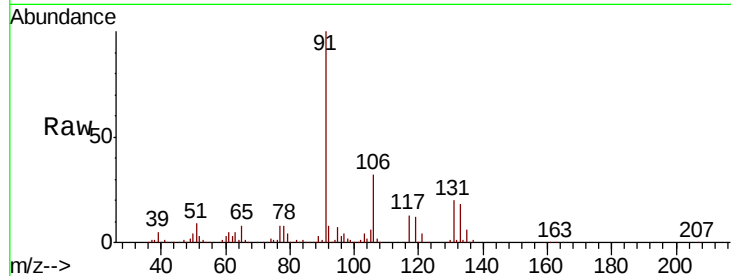
#67
Ethyl Benzene
Concen: 21.611 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.3	39.5

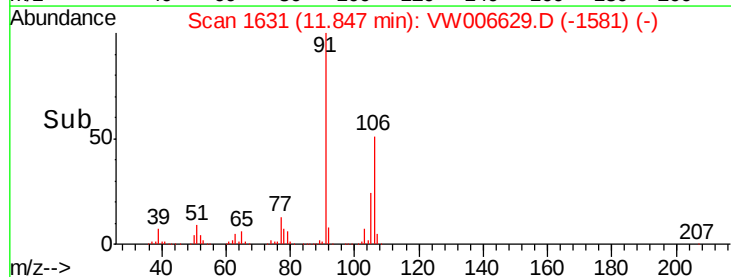
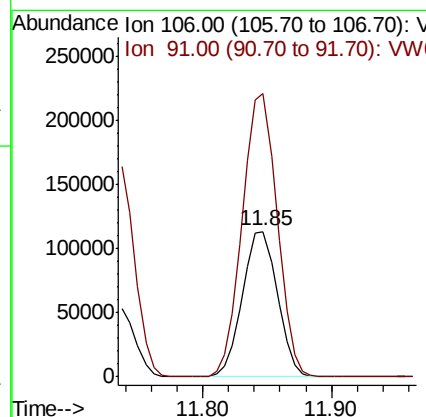
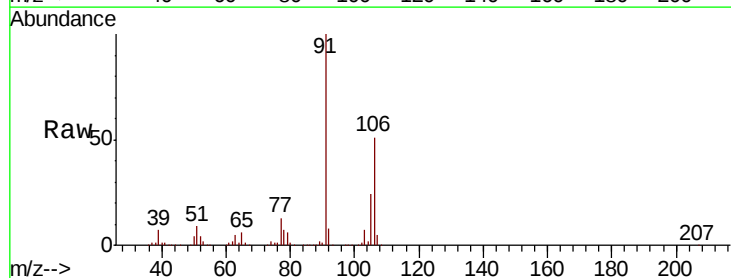
Manual Integrations
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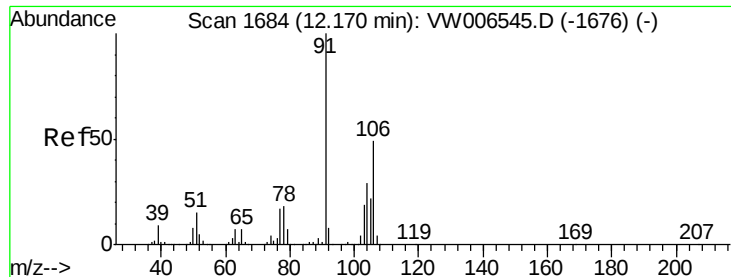
apatel
11/6/2018 8:13:25 AM



#68
m/p-Xylenes
Concen: 43.750 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.9	156.7	235.1





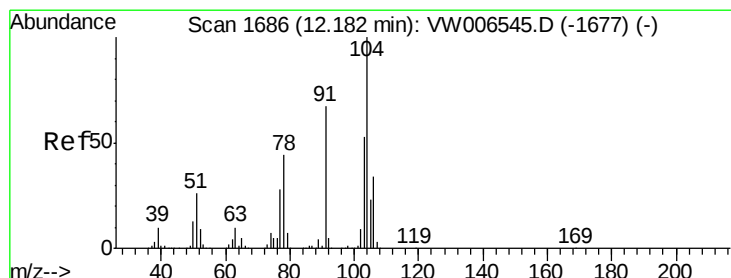
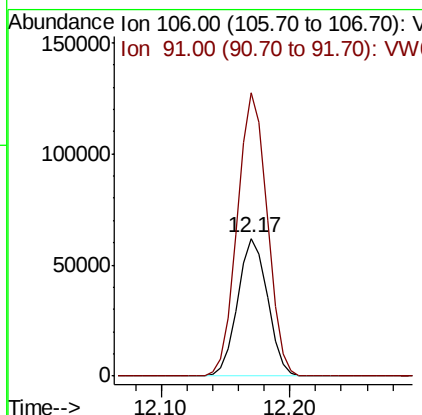
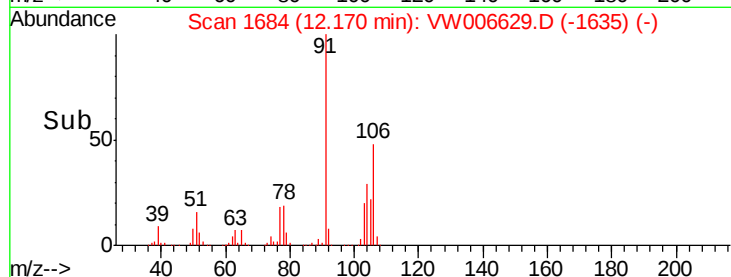
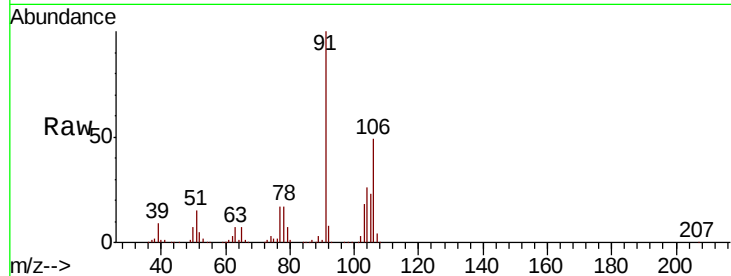
#69
o-Xylene
Concen: 21.369 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.7	102.8	308.4	

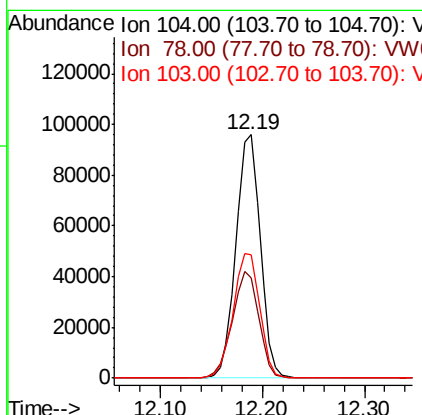
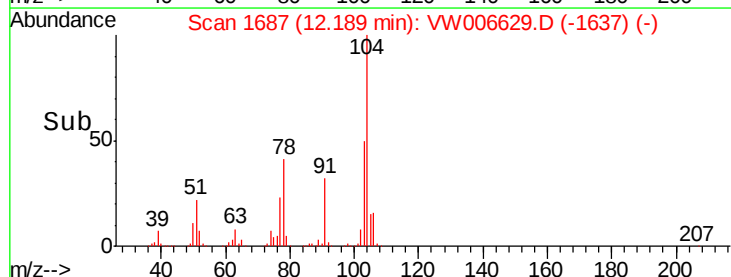
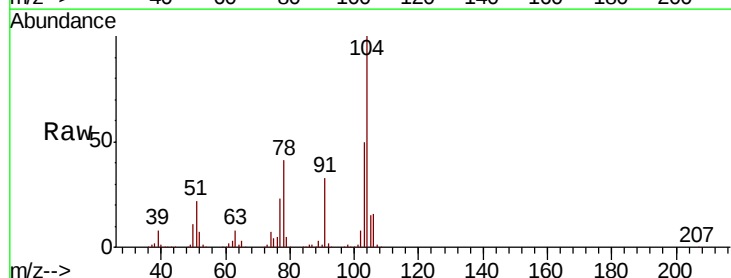
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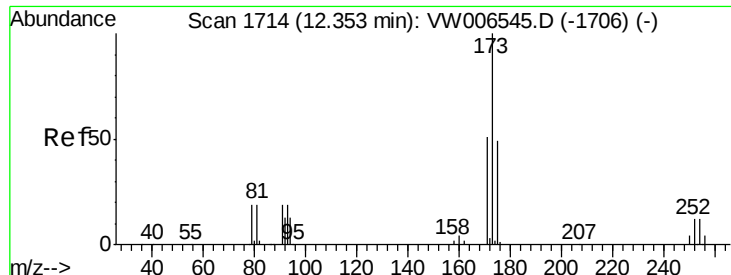
apatel
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#70
Styrene
Concen: 20.842 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	37.2	55.8	
103	55.8	44.2	66.2	





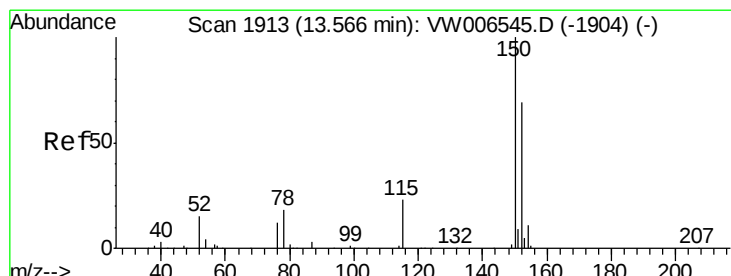
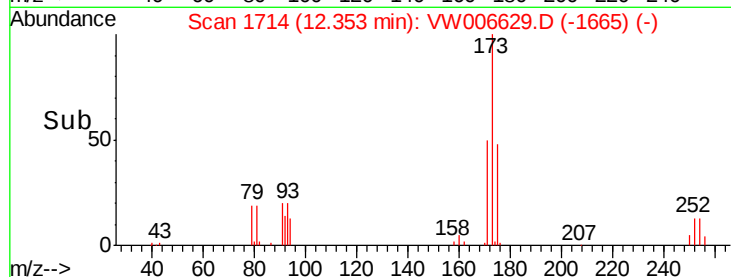
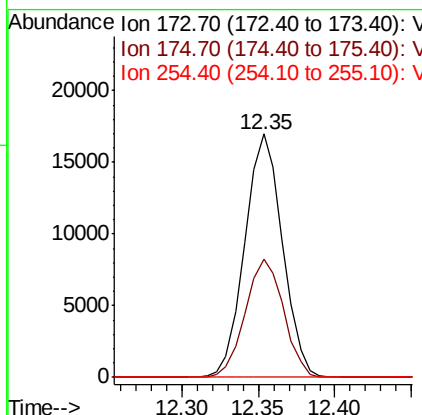
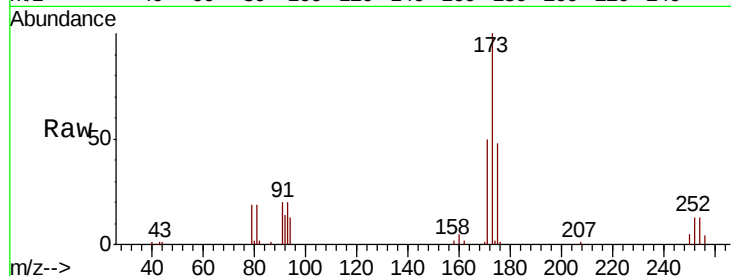
#71
Bromoform
Concen: 21.252 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.4
254	0.0	0.1	0.1

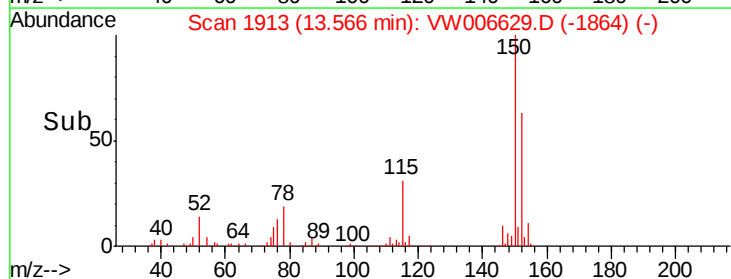
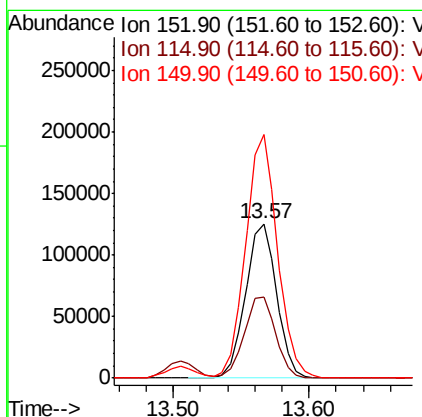
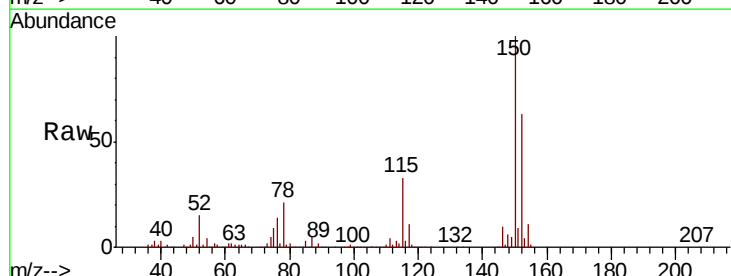
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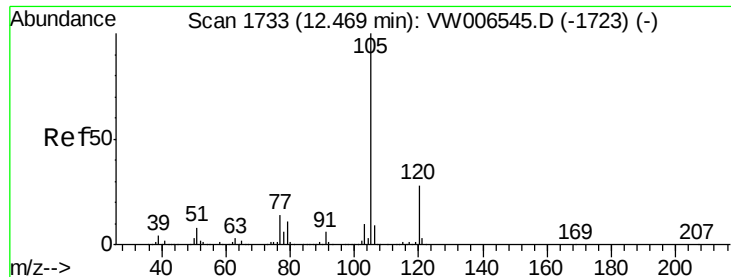
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.6	79.8
150	162.1	0.0	344.6





#73

Isopropylbenzene

Concen: 21.293 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 105 Resp: 280437

Ion Ratio Lower Upper

105 100

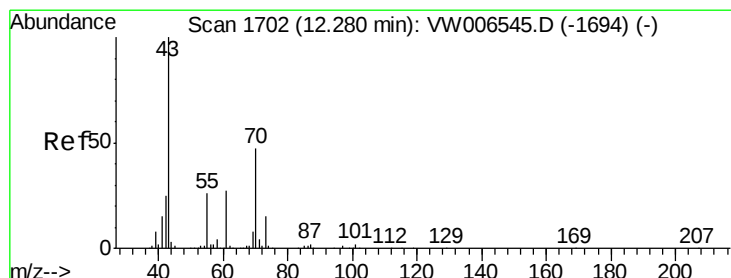
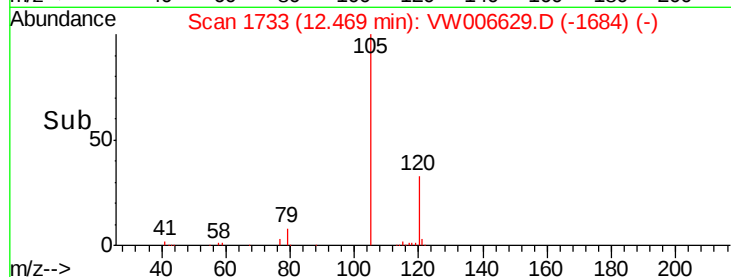
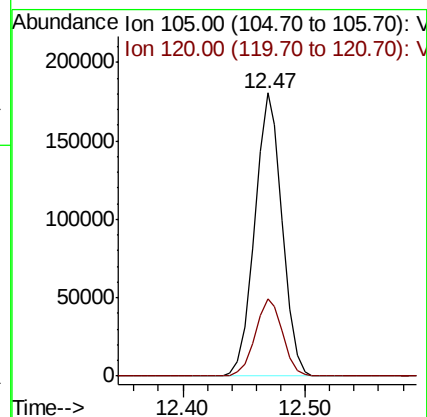
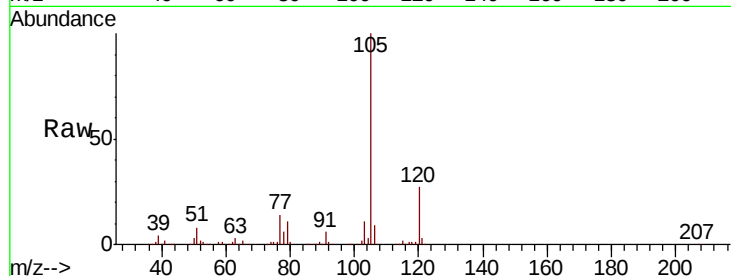
120 27.4 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.559 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion: 43 Resp: 44514

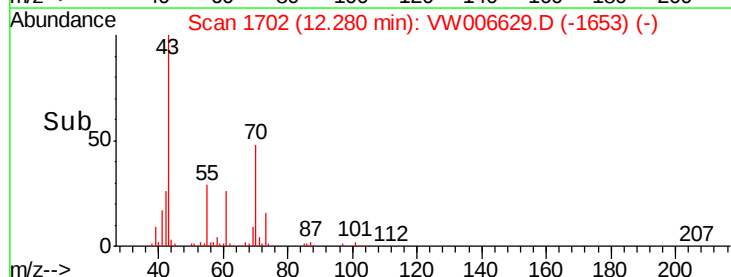
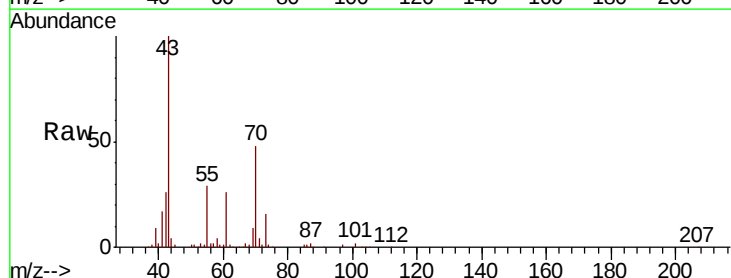
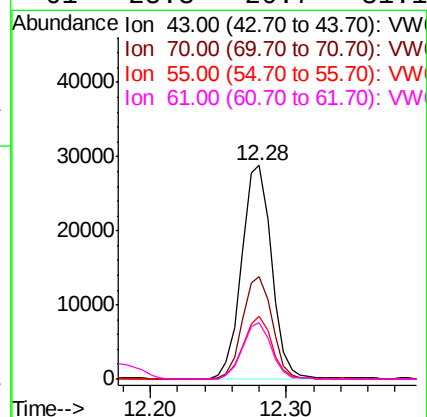
Ion Ratio Lower Upper

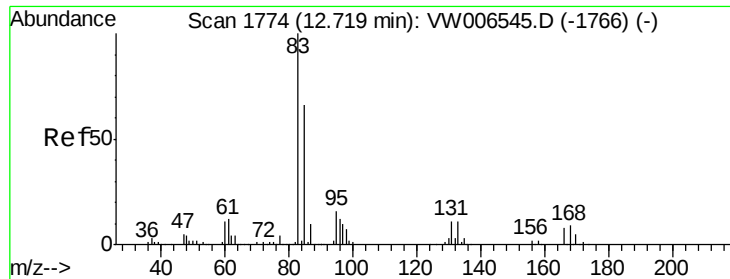
43 100

70 47.7 36.9 55.3

55 28.0 20.7 31.1

61 25.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.694 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

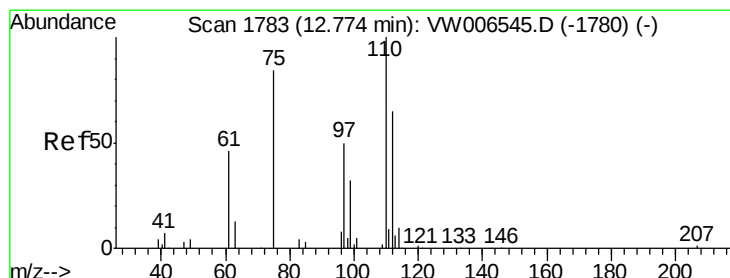
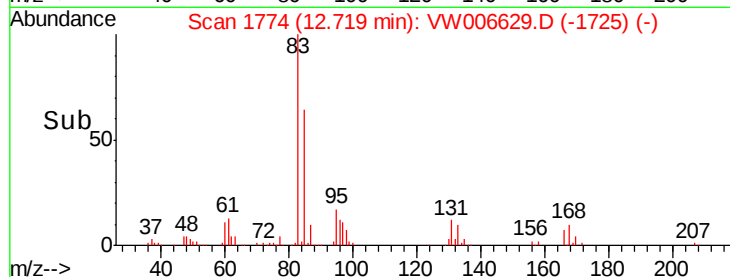
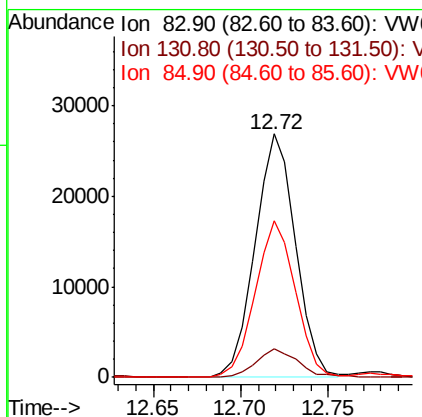
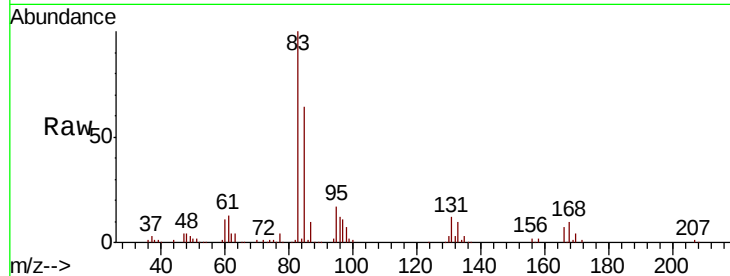
ClientSampleId :

VW1105SBSD01

Tot Ion:	83	Resp:	43046
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.9	17.7
85	64.0	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 22.091 ug/l m

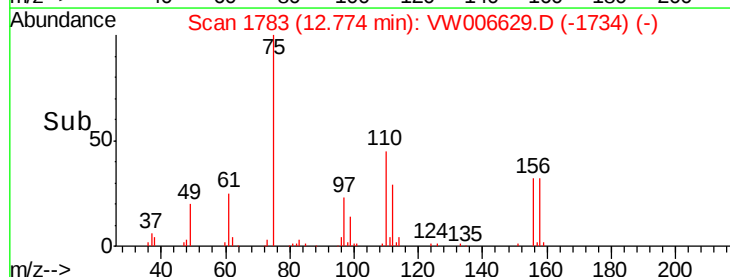
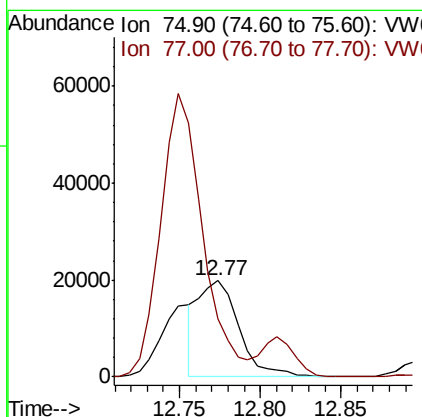
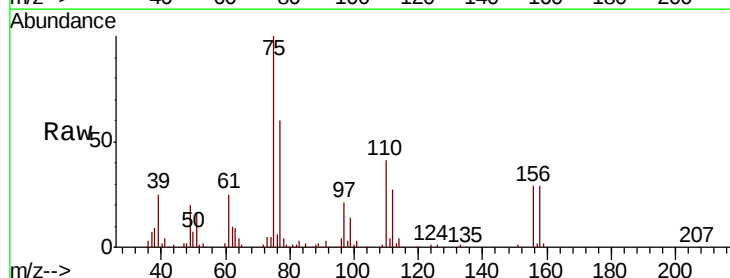
RT: 12.77 min Scan# 1783

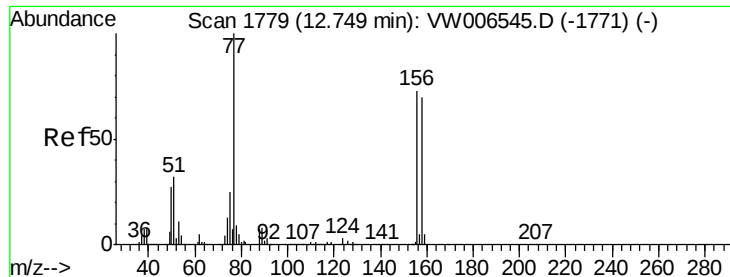
Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	75	Resp:	34459
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.994 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion:156 Resp: 71588

Ion Ratio Lower Upper

156 100

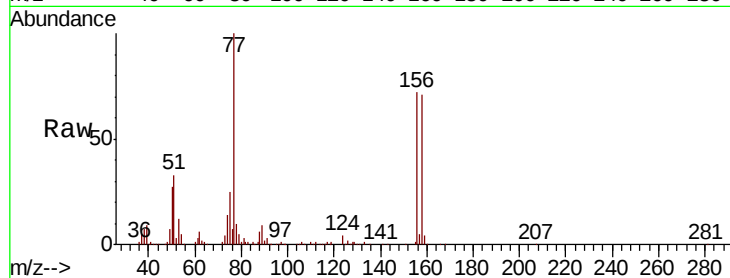
77 148.7 75.9 227.8

158 96.6 48.6 145.9

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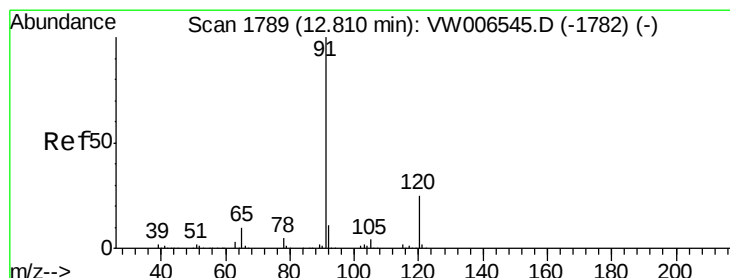
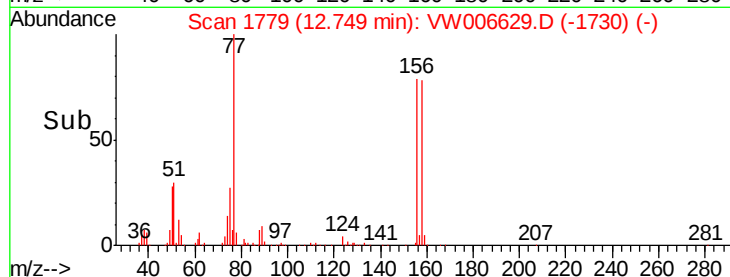
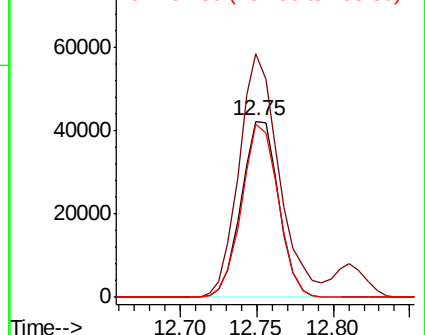


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.734 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006629.D

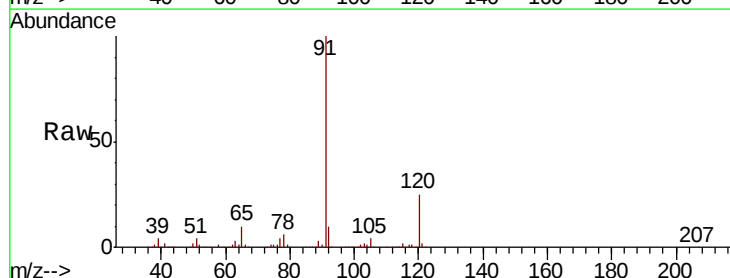
Acq: 05 Nov 2018 12:14

Tgt Ion: 91 Resp: 329249

Ion Ratio Lower Upper

91 100

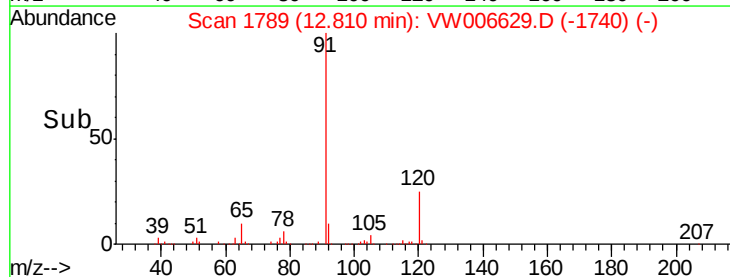
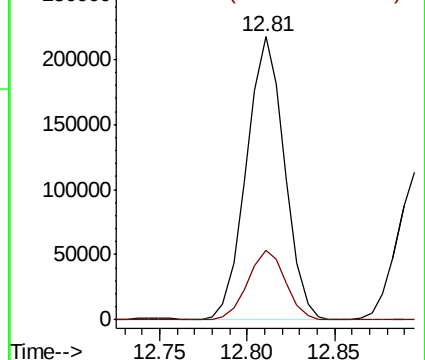
120 24.5 12.4 37.0

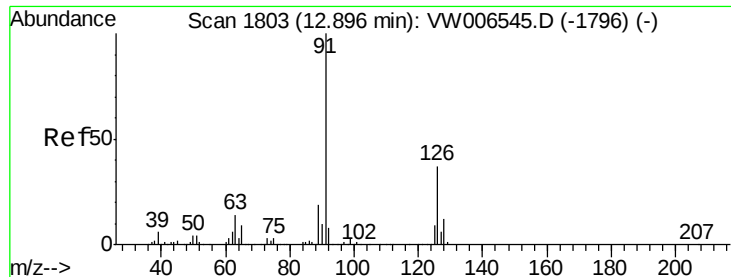


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.913 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 91 Resp: 181819

Ion Ratio Lower Upper

91 100

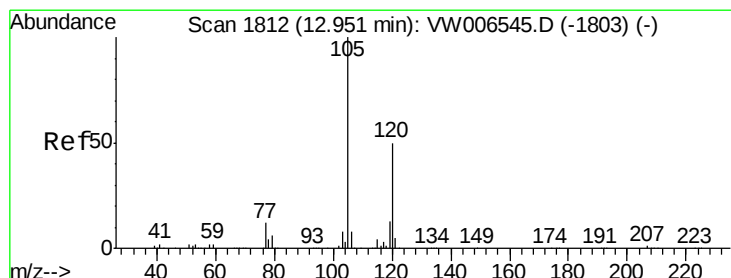
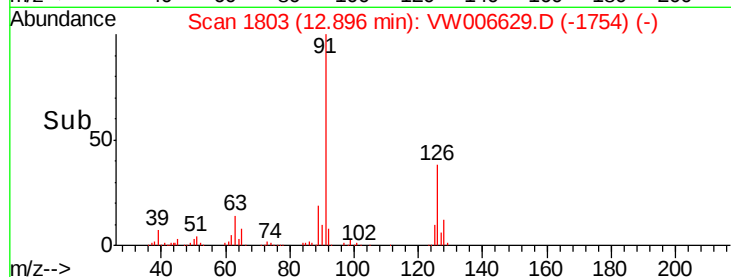
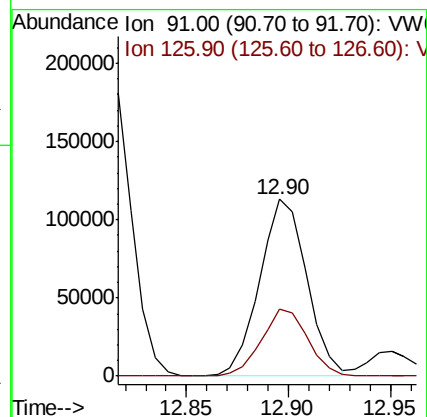
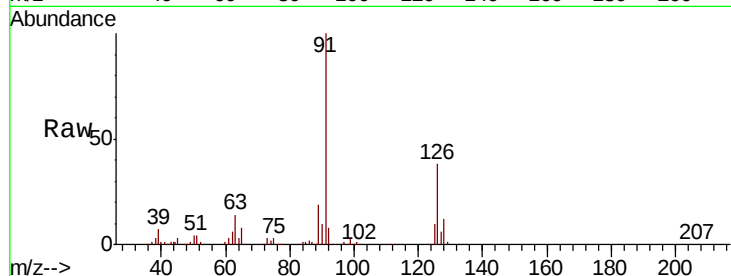
126 37.5 18.5 55.5

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#80

1,3,5-Trimethylbenzene

Concen: 21.411 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006629.D

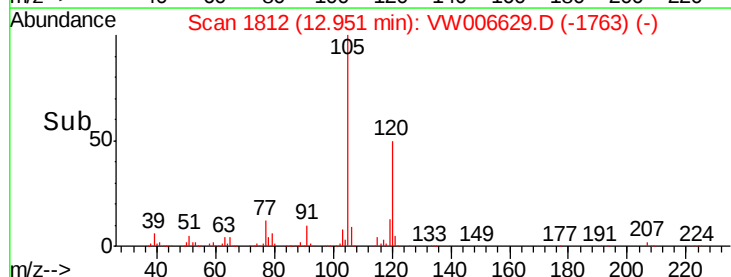
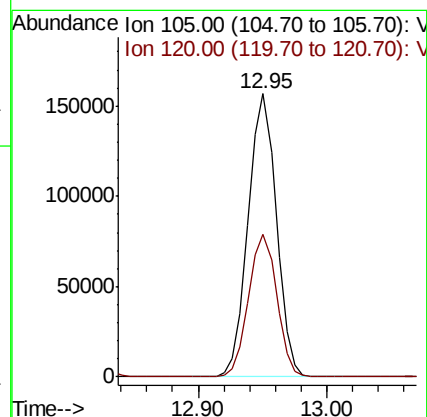
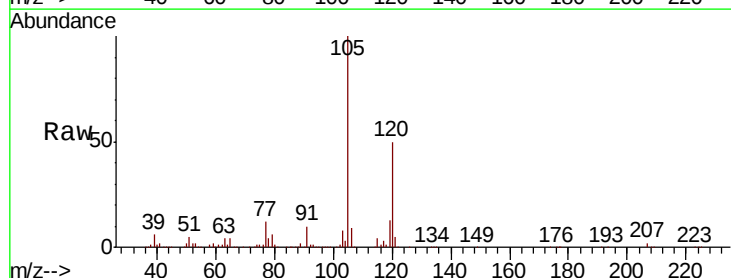
Acq: 05 Nov 2018 12:14

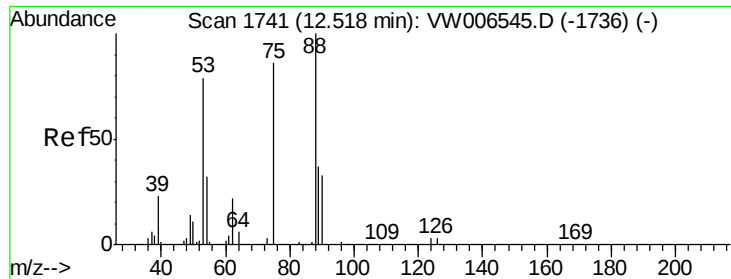
Tgt Ion:105 Resp: 236905

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3





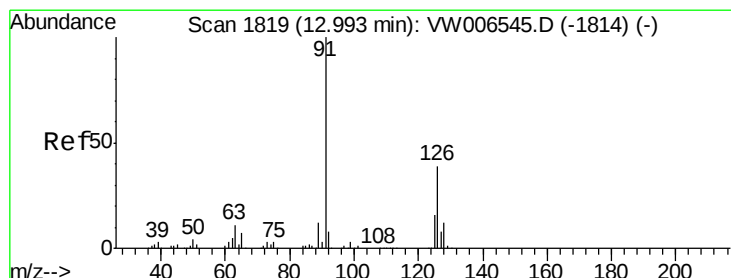
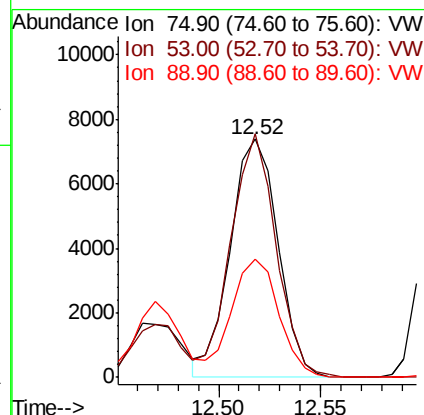
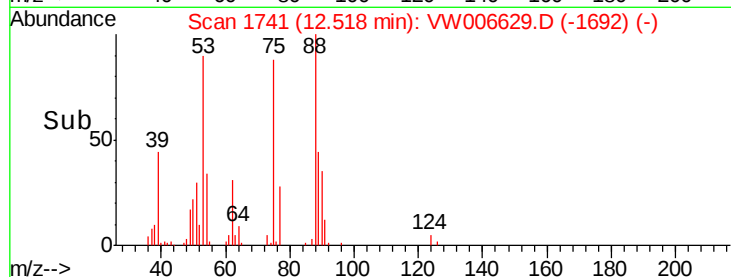
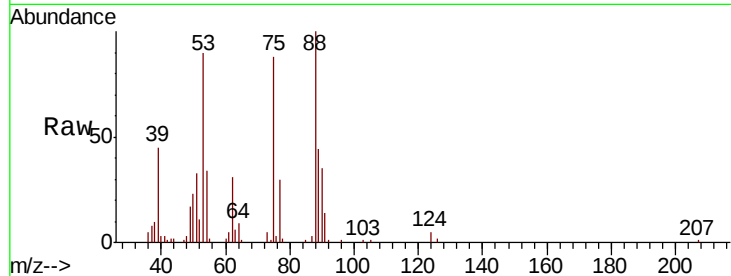
#81
trans-1,4-Dichloro-2-butene
Concen: 21.484 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	77.2	115.8
89	48.7	38.6	58.0

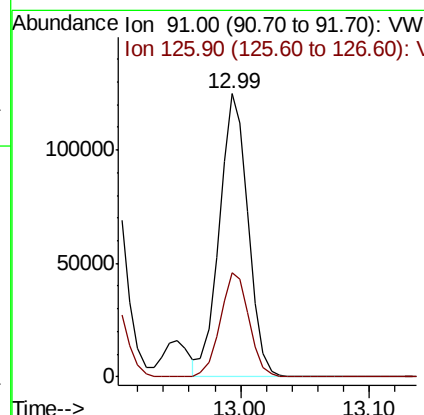
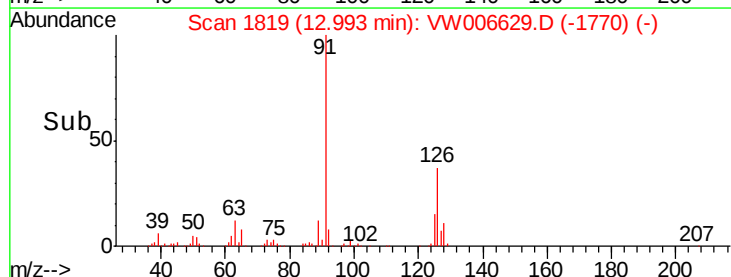
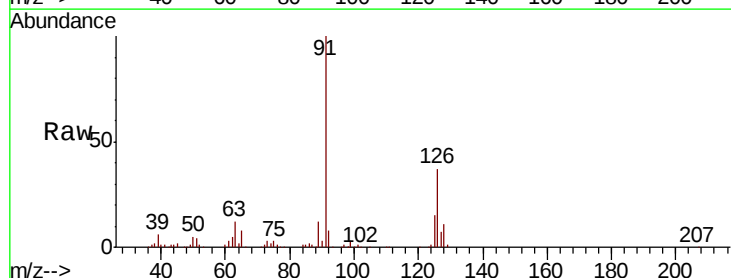
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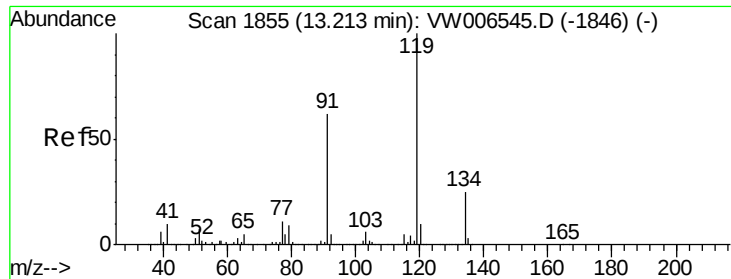
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#82
4-Chlorotoluene
Concen: 21.198 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5





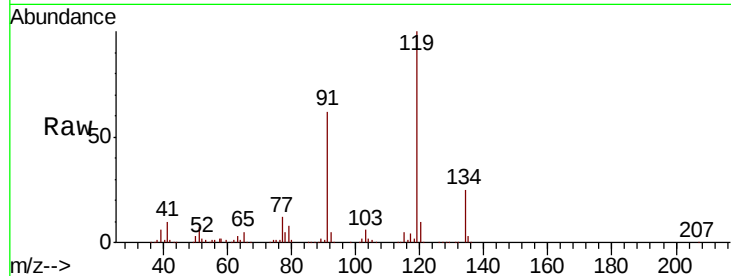
#83
tert-Butylbenzene
Concen: 21.380 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampled :
VW1105SBS01

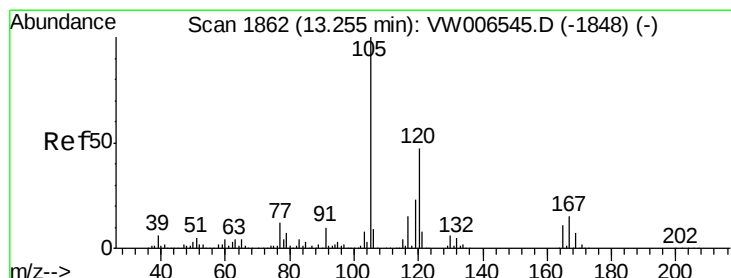
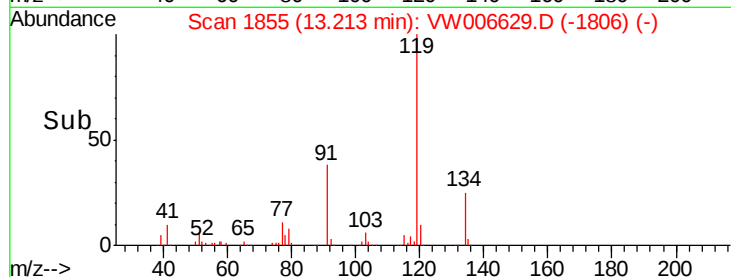
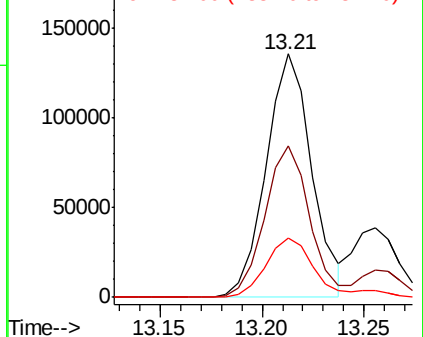
Tot Ion	Ratio	Resp	Lower	Upper
119	100	210957		
91	60.8		30.4	91.3
134	27.2		13.5	40.4

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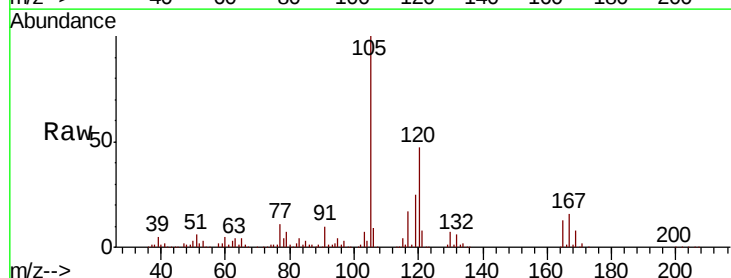


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

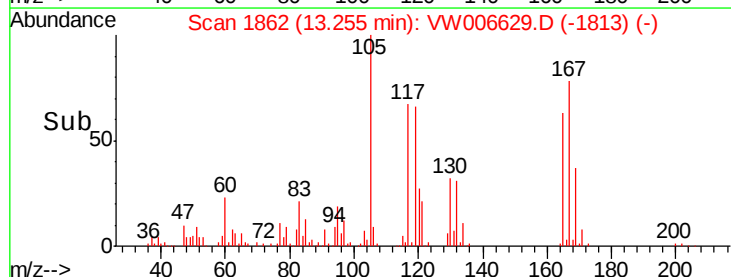
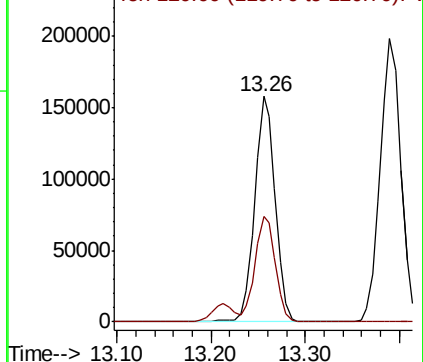


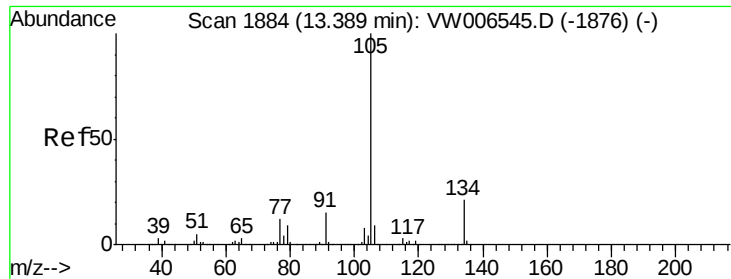
#84
1,2,4-Trimethylbenzene
Concen: 21.323 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241995		
120	46.7		23.2	69.6



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





#85

sec-Butylbenzene

Concen: 21.826 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion:105 Resp: 301629

Ion Ratio Lower Upper

105 100

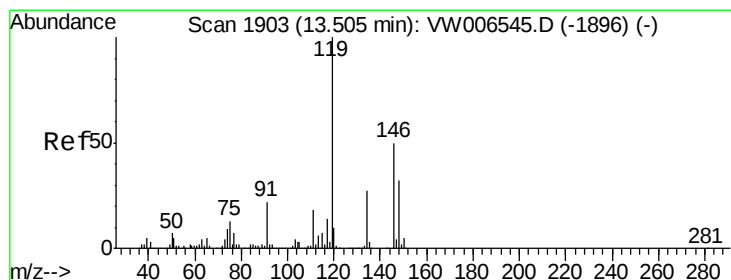
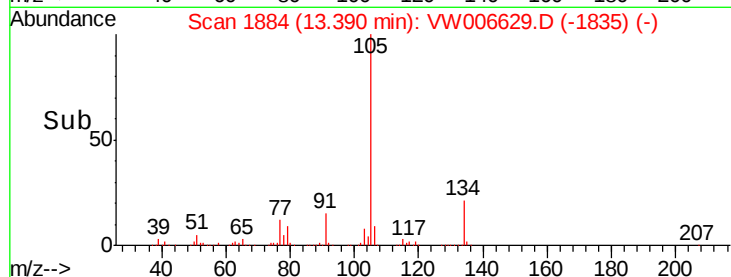
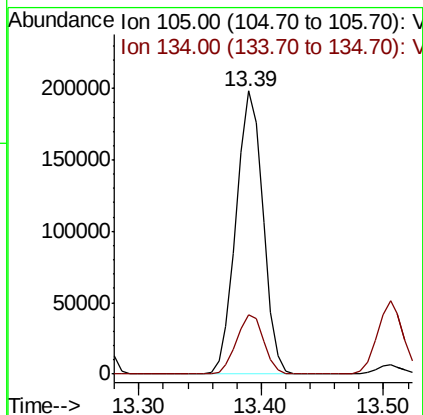
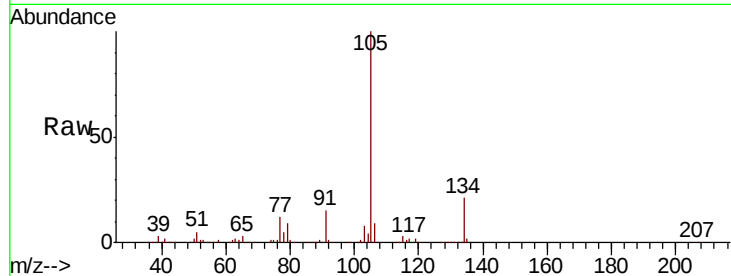
134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 21.772 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

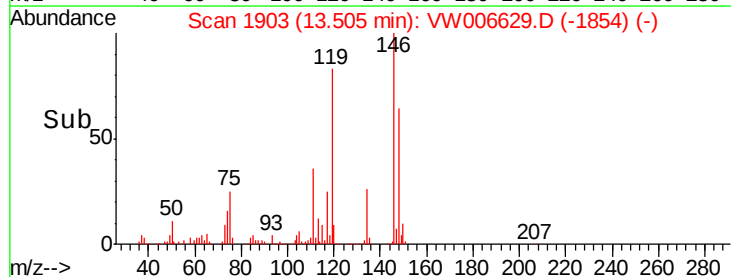
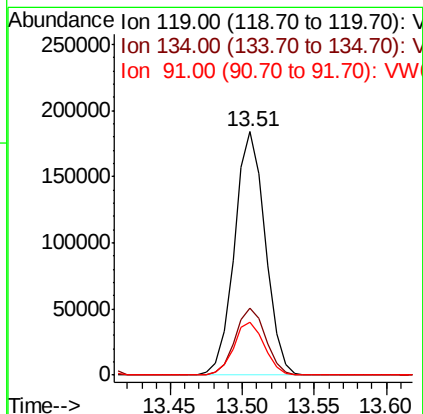
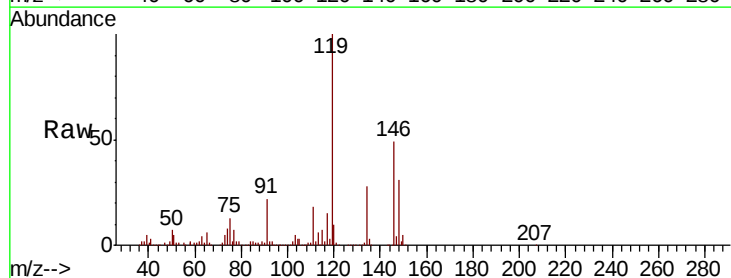
Tgt Ion:119 Resp: 273779

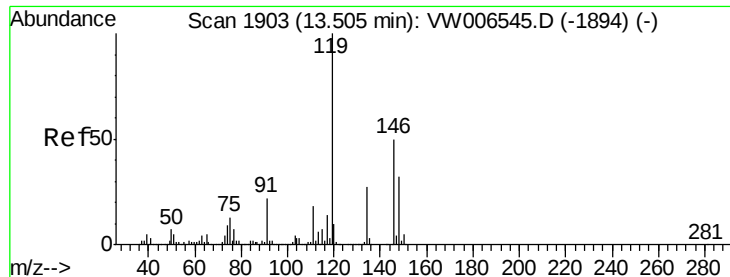
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 21.8 10.9 32.6





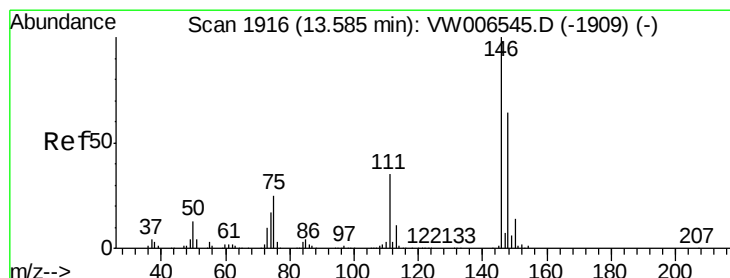
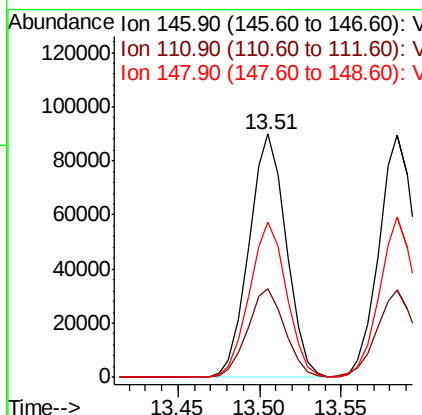
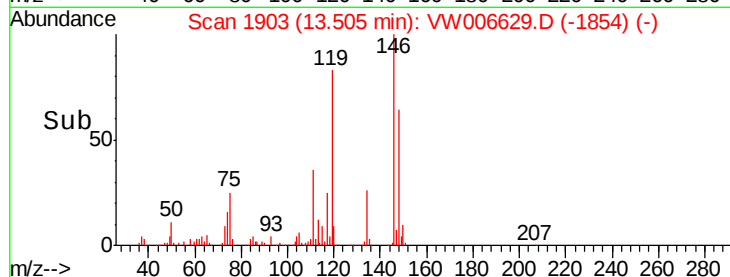
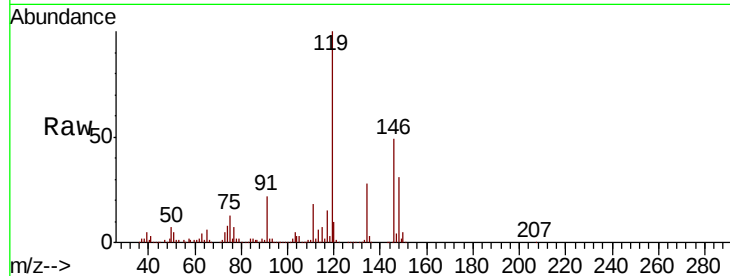
#87
 1,3-Dichlorobenzene
 Concen: 21.285 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.6
148	63.9	32.1	96.3

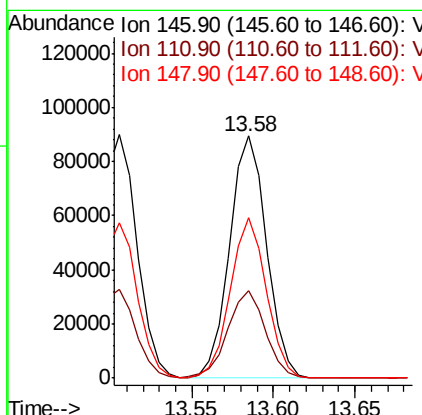
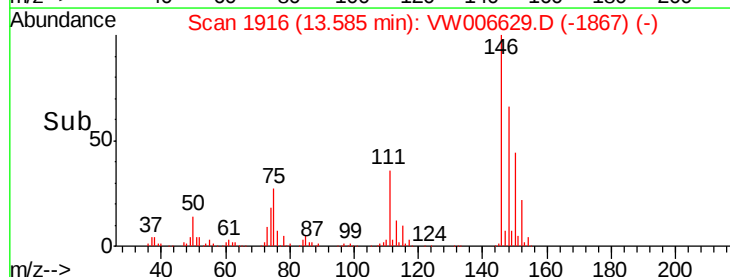
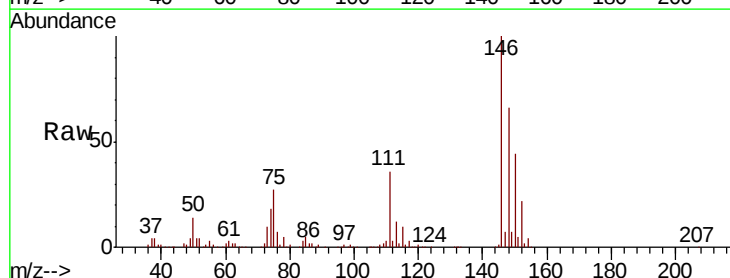
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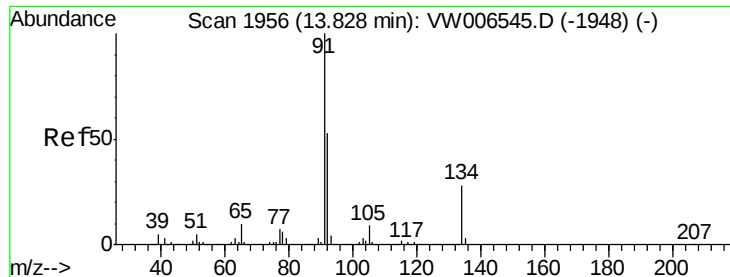
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#88
 1,4-Dichlorobenzene
 Concen: 21.180 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.7
148	64.7	32.1	96.5





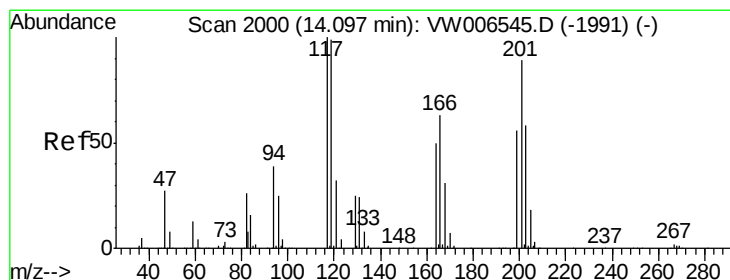
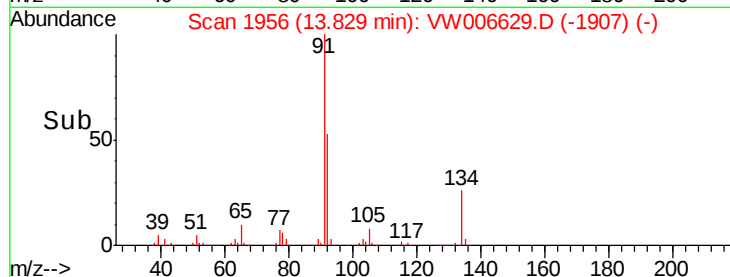
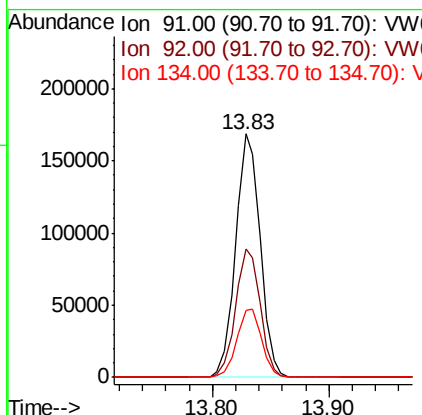
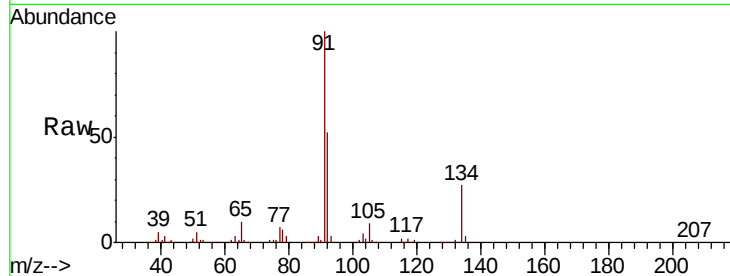
#89
n-Butylbenzene
Concen: 22.131 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.0
134	28.4	14.3	42.9

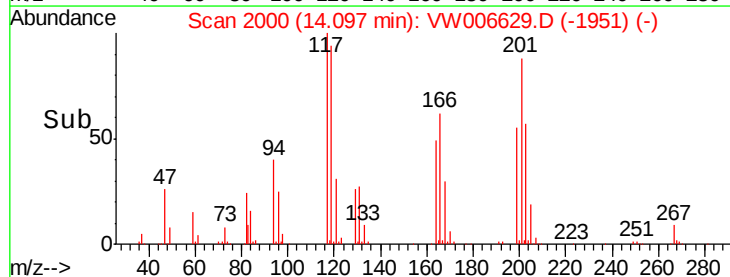
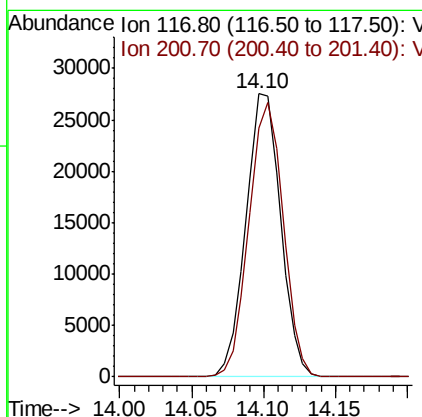
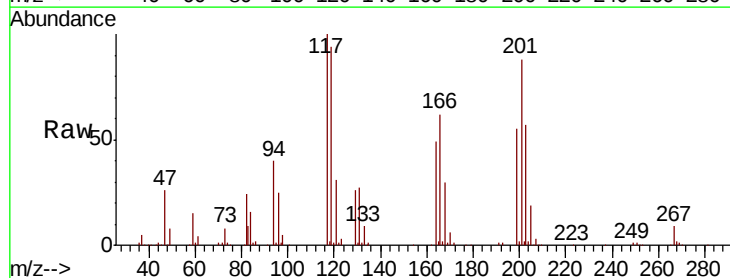
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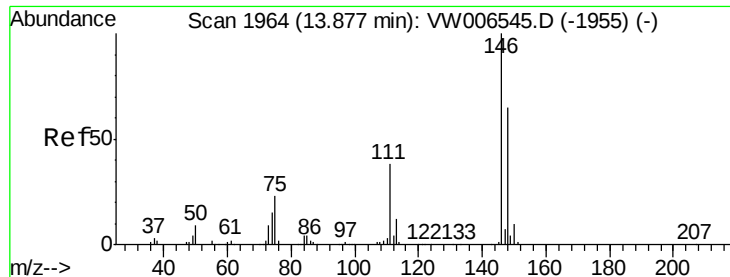
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#90
Hexachloroethane
Concen: 22.224 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006629.D
Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.9	46.8	140.3





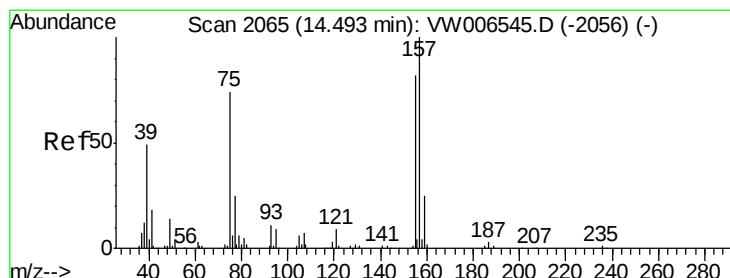
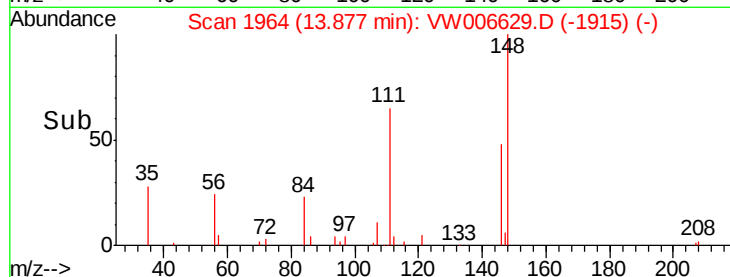
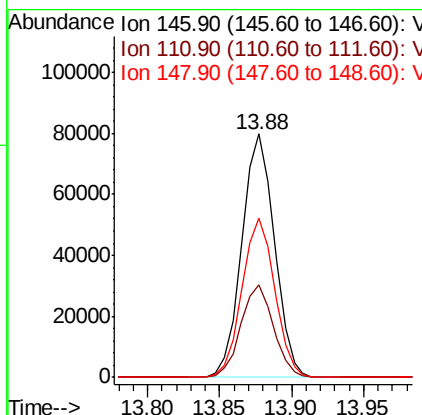
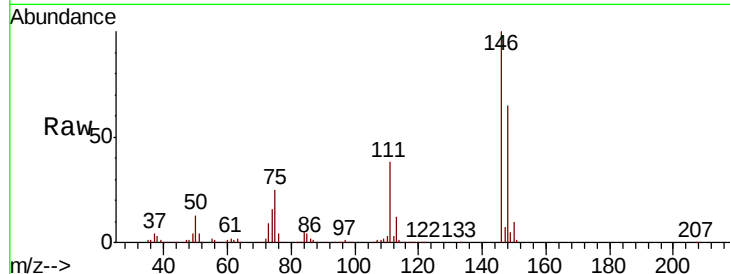
#91
 1,2-Dichlorobenzene
 Concen: 20.724 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	65.4	32.0	96.0

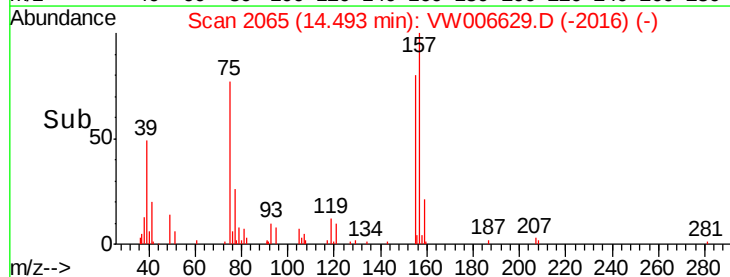
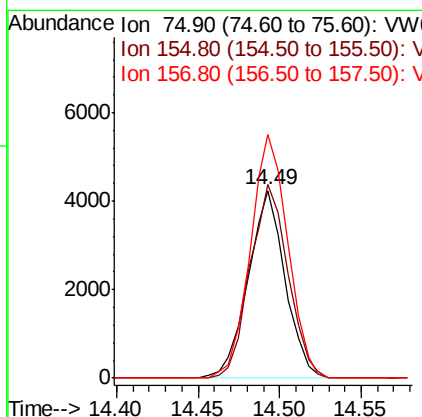
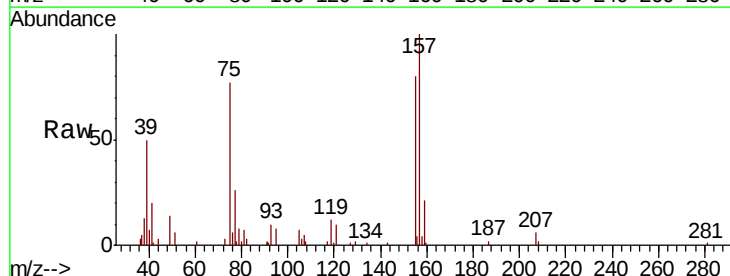
Manual Integrations
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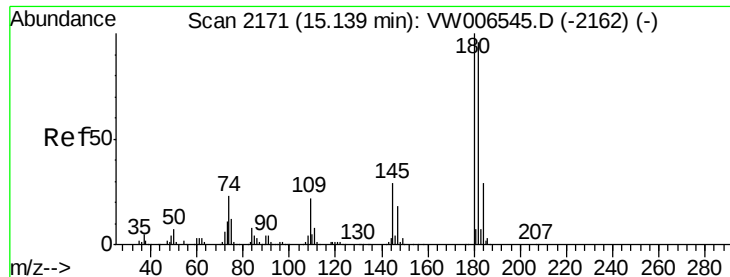
apatel
 11/6/2018 8:13:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.726 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.8	50.6	151.8
157	131.2	65.0	195.0





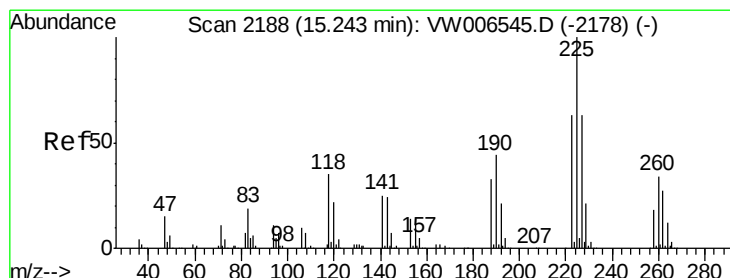
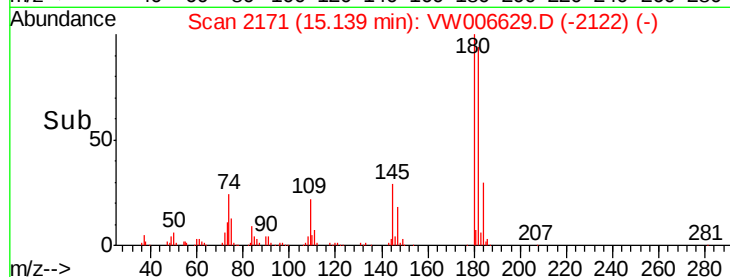
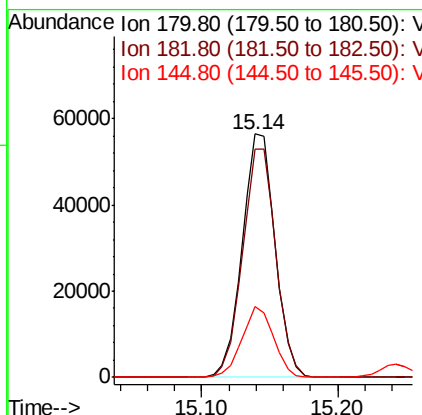
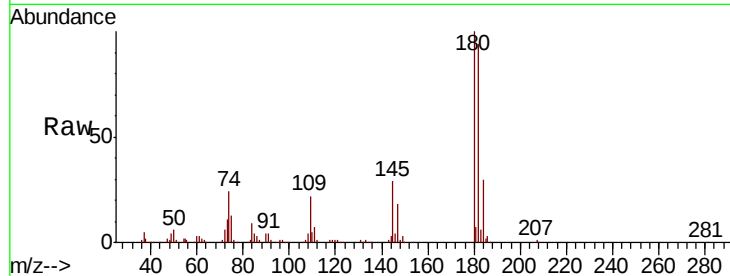
#93
 1,2,4-Trichlorobenzene
 Concen: 21.215 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	28.0	14.0	42.0

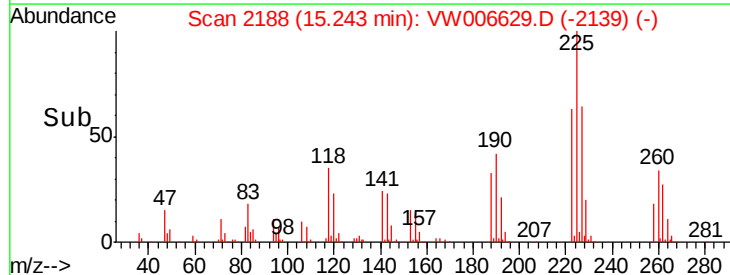
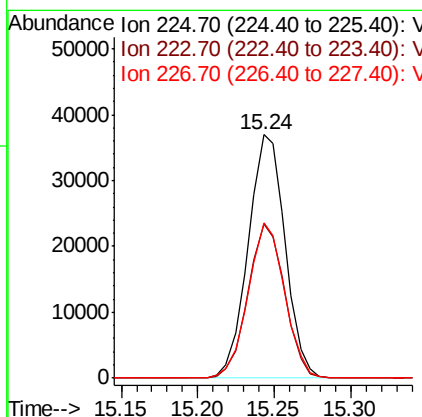
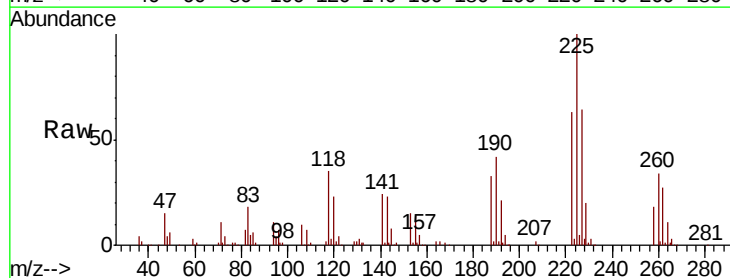
Manual Integrations
 APPROVED

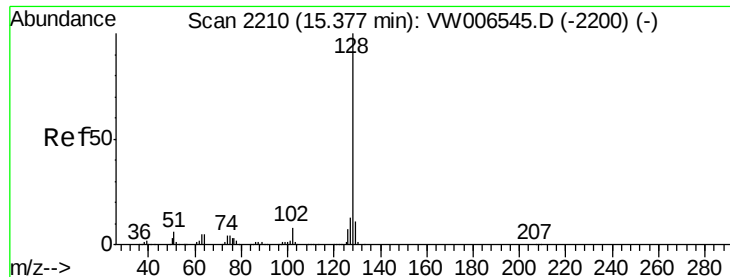
apatel
 11/6/2018 8:13:25 AM



#94
 Hexachlorobutadiene
 Concen: 22.208 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006629.D
 Acq: 05 Nov 2018 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.2
227	62.9	32.2	96.6





#95

Naphthalene

Concen: 19.756 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Instrument :

MSVOA_W

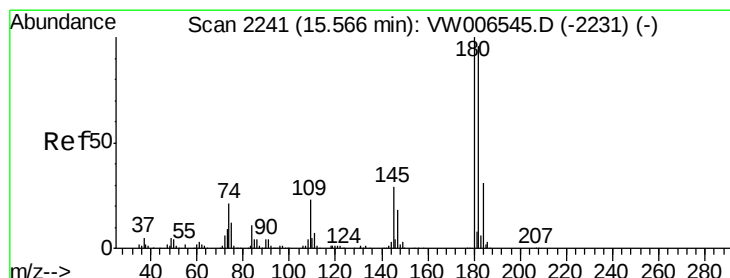
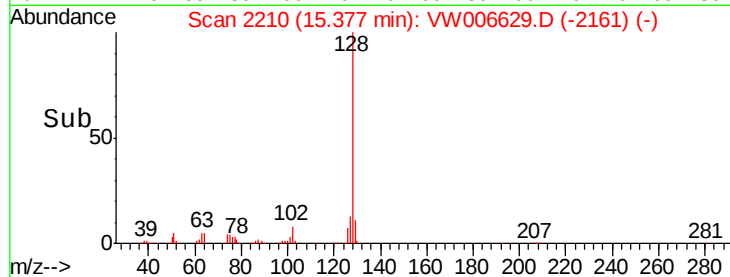
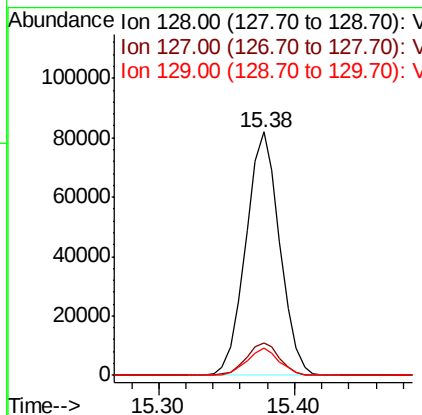
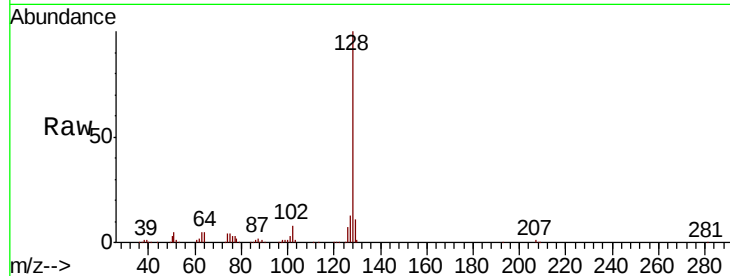
ClientSampleId :

VW1105SBS01

Tot Ion:	128	Resp:	142618
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.811 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006629.D

Acq: 05 Nov 2018 12:14

Tgt Ion:	180	Resp:	82155
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.2	144.6
145	29.5	14.9	44.5

