

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005976.D
 Acq On : 10 Oct 2018 10:00
 Operator : SY/AP
 Sample : VW1010SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Manual Integrations
 APPROVED

apatel
 10/11/2018 10:30:26 AM

Quant Time: Oct 10 11:23:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172550	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	113132	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	7.88	113	114822	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
50) Toluene-d8	10.33	98	432175	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	160127	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	20063	18.126	ug/l	96
3) Chloromethane	2.21	50	27159	20.860	ug/l	98
4) Vinyl Chloride	2.37	62	42160	20.397	ug/l #	88
5) Bromomethane	2.78	94	41718	25.574	ug/l	100
6) Chloroethane	2.93	64	30888	23.455	ug/l	96
7) Trichlorofluoromethane	3.25	101	31850	19.412	ug/l	95
8) Diethyl Ether	3.68	74	22233	22.018	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39042	18.856	ug/l	98
10) Methyl Iodide	4.26	142	69206	20.437	ug/l	99
11) Tert butyl alcohol	5.20	59	16380	101.930	ug/l	97
12) 1,1-Dichloroethene	4.03	96	38289	19.257	ug/l	95
13) Acrolein	3.90	56	6814	47.582	ug/l	94
14) Allyl chloride	4.66	41	57129	16.848	ug/l	97
15) Acrylonitrile	5.37	53	43522	99.038	ug/l	97
16) Acetone	4.13	43	37563	85.765	ug/l	95
17) Carbon Disulfide	4.38	76	100692	16.750	ug/l	99
18) Methyl Acetate	4.67	43	24791	22.430	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	65903	21.304	ug/l	97
20) Methylene Chloride	4.91	84	48891	22.281	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	43811	20.216	ug/l	95
22) Diisopropyl ether	6.31	45	123806	19.532	ug/l	98
23) Vinyl Acetate	6.26	43	335132	85.901	ug/l	99
24) 1,1-Dichloroethane	6.21	63	76696	19.772	ug/l	98
25) 2-Butanone	7.18	43	59313	95.214	ug/l	98
26) 2,2-Dichloropropane	7.16	77	42231	15.469	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51578	21.045	ug/l	95
28) Bromochloromethane	7.51	49	28711	20.052	ug/l	92
29) Tetrahydrofuran	7.54	42	37876	96.183	ug/l	95
30) Chloroform	7.68	83	83825	21.039	ug/l	100
31) Cyclohexane	7.95	56	65289	17.008	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	69007	19.448	ug/l	100
36) 1,1-Dichloropropene	8.09	75	61848	18.708	ug/l	99
37) Ethyl Acetate	7.26	43	26210	18.721	ug/l	100
38) Carbon Tetrachloride	8.07	117	64229	18.083	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75623	17.342	ug/l	97
40) Benzene	8.32	78	178299	19.705	ug/l	98
41) Methacrylonitrile	7.49	41	15797	18.023	ug/l	97
42) 1,2-Dichloroethane	8.40	62	54145	19.807	ug/l	98
43) Isopropyl Acetate	8.43	43	53557	18.313	ug/l	99
44) Trichloroethene	9.09	130	52493	19.995	ug/l	93
45) 1,2-Dichloropropane	9.37	63	43905	19.385	ug/l	97
46) Dibromomethane	9.46	93	25925	20.826	ug/l	100
47) Bromodichloromethane	9.65	83	60212	19.222	ug/l	97
48) Methyl methacrylate	9.44	41	25269	18.138	ug/l	92
49) 1,4-Dioxane	9.47	88	8380	443.188	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	136734	96.012	ug/l	97
52) Toluene	10.39	92	117965	19.845	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	55646	16.999	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	64393	17.499	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	35928	20.838	ug/l	97
56) Ethyl methacrylate	10.65	69	44505	19.151	ug/l	97
57) 1,3-Dichloropropane	10.93	76	58143	20.045	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	94156	99.577	ug/l	99
59) 2-Hexanone	10.97	43	91454	89.562	ug/l	96
60) Dibromochloromethane	11.13	129	42419	19.065	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35683	20.711	ug/l	99
64) Tetrachloroethene	10.87	164	54906	23.344	ug/l	96
65) Chlorobenzene	11.66	112	137341	20.307	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	49227	19.857	ug/l	98
67) Ethyl Benzene	11.73	91	232842	19.491	ug/l	98
68) m/p-Xylenes	11.84	106	183291	39.261	ug/l	99
69) o-Xylene	12.17	106	89209	19.960	ug/l	98
70) Styrene	12.18	104	147703	19.918	ug/l	98
71) Bromoform	12.35	173	26472	17.927	ug/l #	98
73) Isopropylbenzene	12.47	105	244569	19.408	ug/l	100
74) N-amyl acetate	12.28	43	49648	16.589	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41737	20.207	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32049m	20.793	ug/l	
77) Bromobenzene	12.75	156	61349	20.549	ug/l	95
78) n-propylbenzene	12.81	91	282544	19.060	ug/l	99
79) 2-Chlorotoluene	12.90	91	162361	19.402	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	206032	19.366	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10272	14.069	ug/l	97
82) 4-Chlorotoluene	12.99	91	171283	19.455	ug/l	97
83) tert-Butylbenzene	13.21	119	185004	19.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	210606	19.625	ug/l	99
85) sec-Butylbenzene	13.39	105	259315	19.523	ug/l	100
86) p-Isopropyltoluene	13.51	119	226894	18.995	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	120574	20.328	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	121053	20.538	ug/l	100
89) n-Butylbenzene	13.83	91	210879	18.729	ug/l	99
90) Hexachloroethane	14.10	117	38939	17.333	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	110267	20.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6804	17.676	ug/l	93

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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	82905	20.304	ug/l	98
94) Hexachlorobutadiene	15.24	225	48070	18.861	ug/l	99
95) Naphthalene	15.38	128	147710	20.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71934	20.346	ug/l	98

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

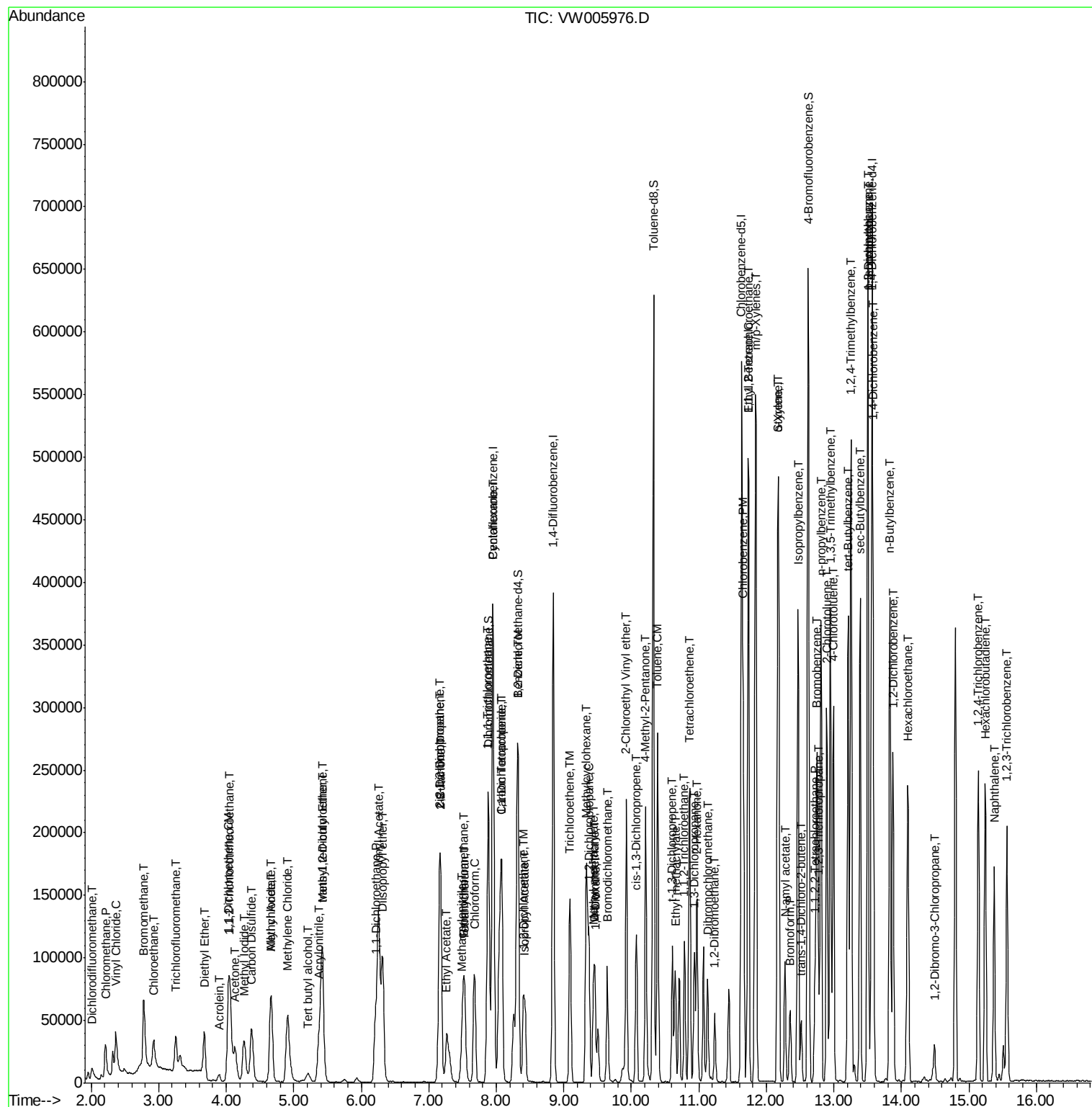
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 Acq On : 10 Oct 2018 10:00
 Operator : SY/AP
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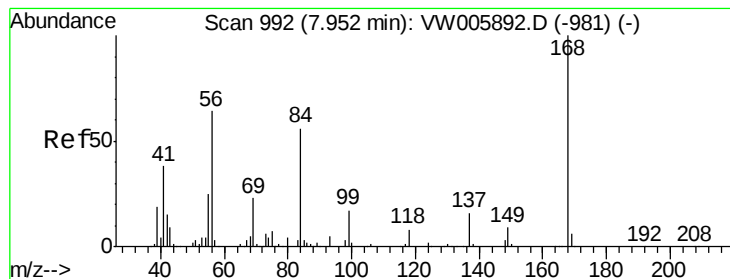
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion:168 Resp: 225871

Ion Ratio Lower Upper

168 100

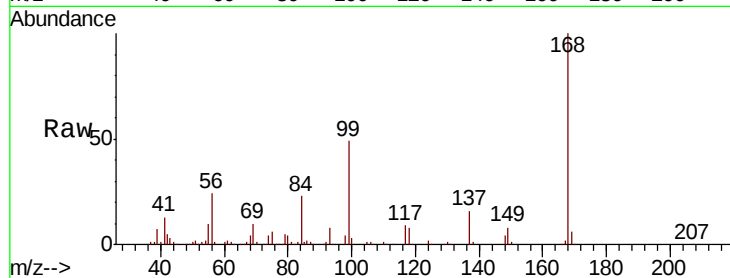
99 49.3 40.9 61.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

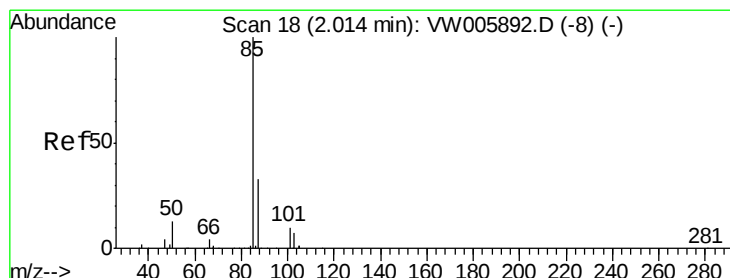
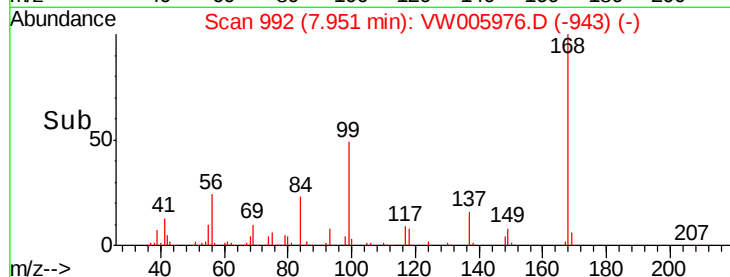
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.126 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005976.D

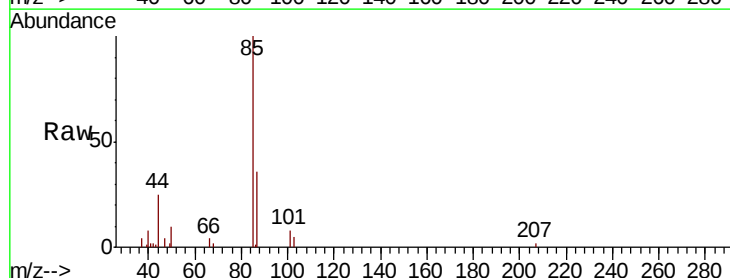
Acq: 10 Oct 2018 10:00

Tgt Ion: 85 Resp: 20063

Ion Ratio Lower Upper

85 100

87 35.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

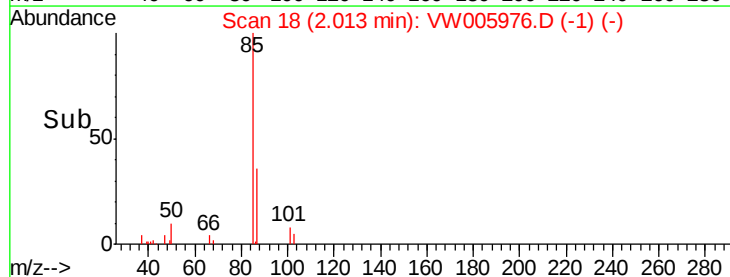
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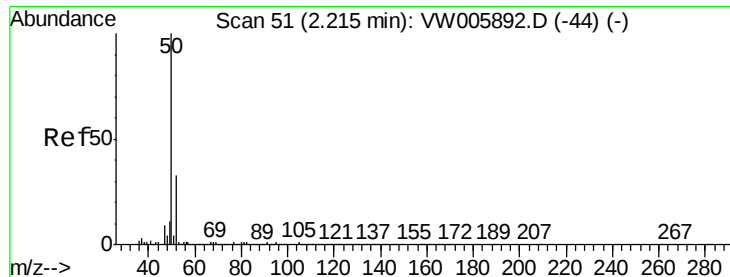
1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.860 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion: 50 Resp: 27159

Ion Ratio Lower Upper

50 100

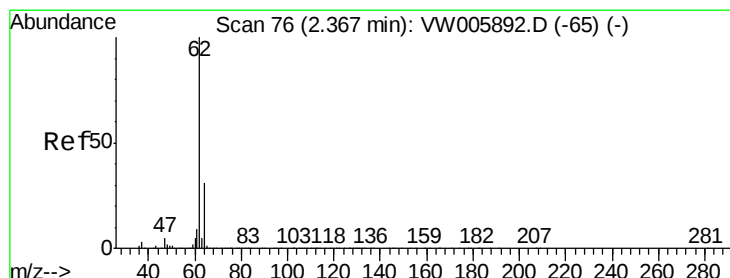
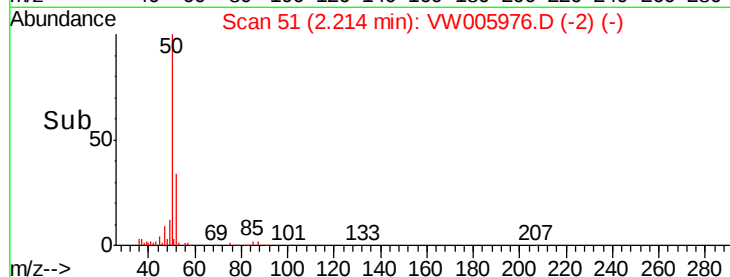
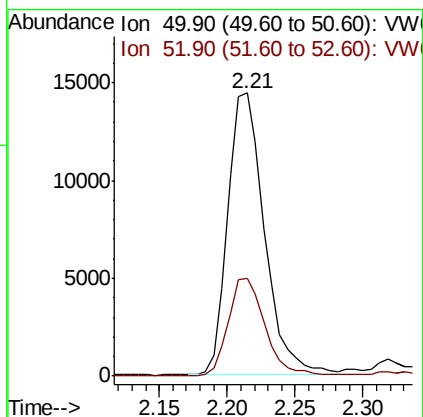
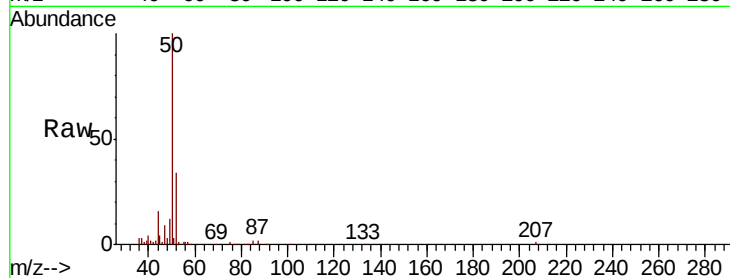
52 34.6 26.7 40.1

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#4

Vinyl Chloride

Concen: 20.397 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005976.D

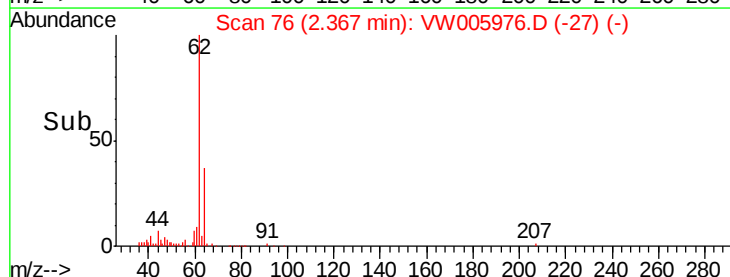
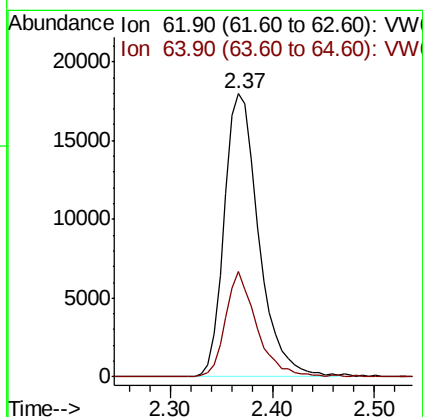
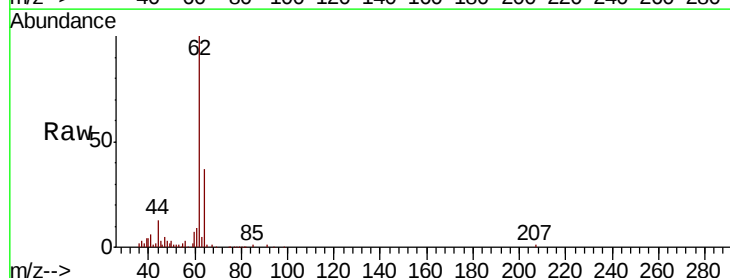
Acq: 10 Oct 2018 10:00

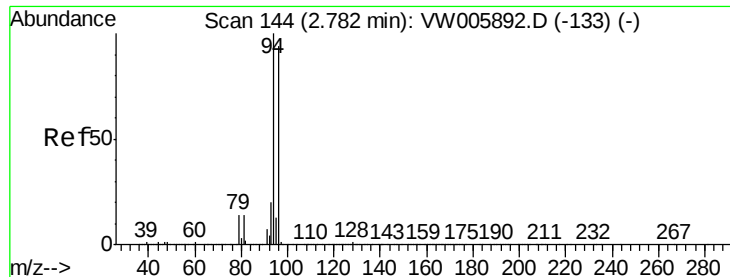
Tgt Ion: 62 Resp: 42160

Ion Ratio Lower Upper

62 100

64 37.0 24.6 36.8#





#5

Bromomethane

Concen: 25.574 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion: 94 Resp: 41718

Ion Ratio Lower Upper

94 100

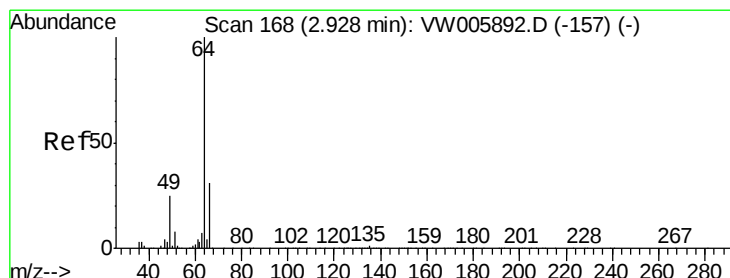
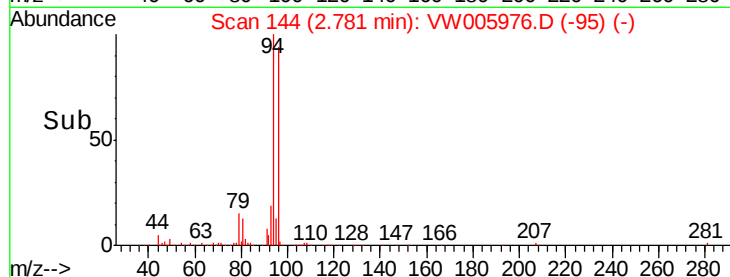
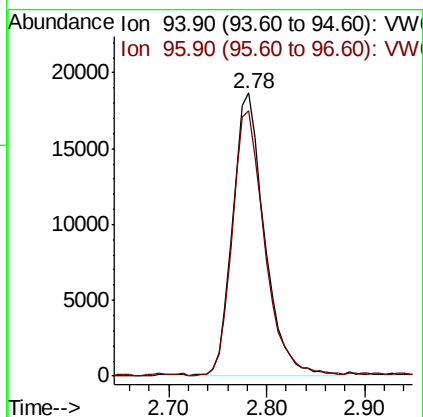
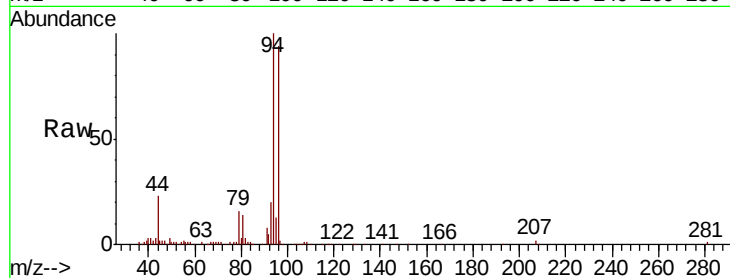
96 93.5 75.0 112.4

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10/11/2018 10:30:26 AM



#6

Chloroethane

Concen: 23.455 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005976.D

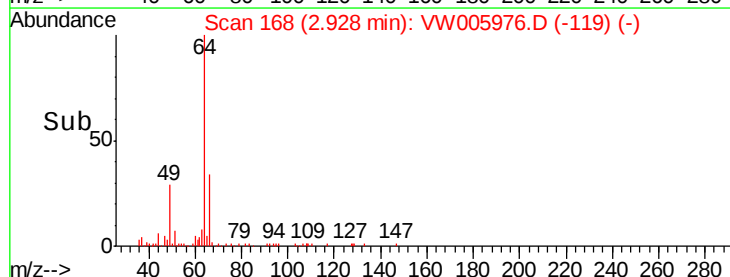
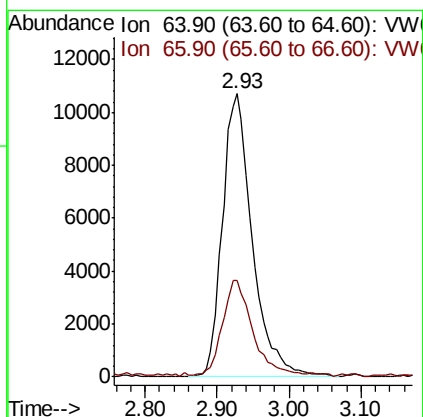
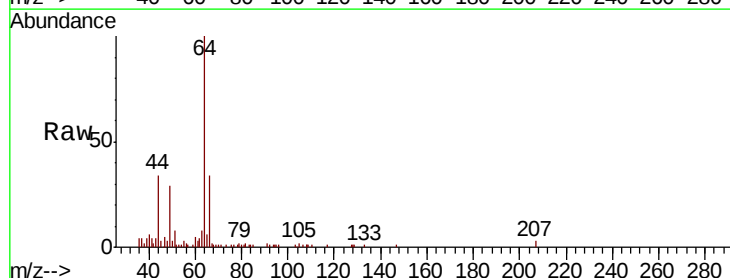
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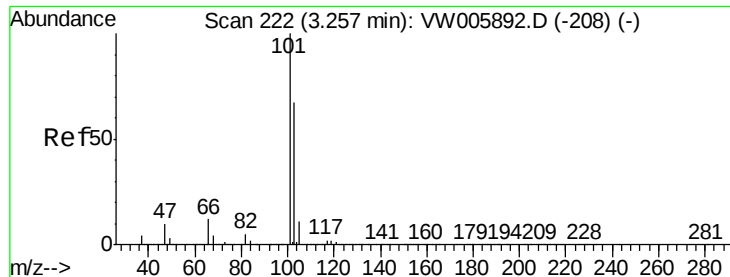
Tgt Ion: 64 Resp: 30888

Ion Ratio Lower Upper

64 100

66 33.2 25.0 37.4





#7

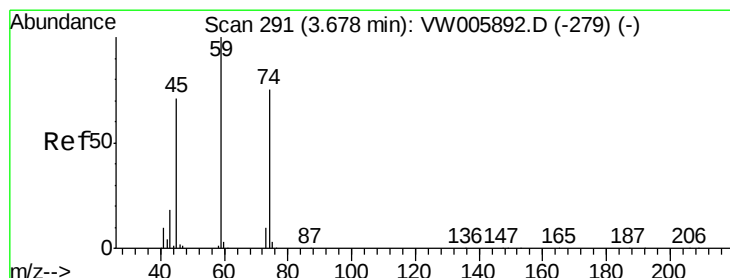
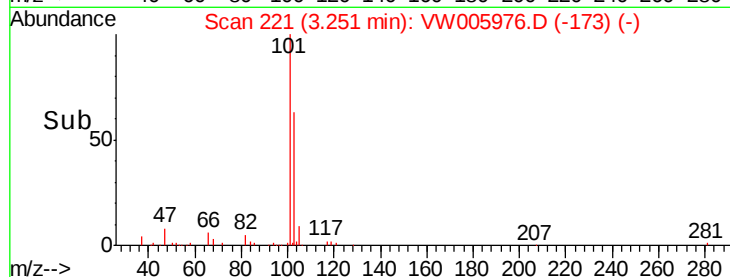
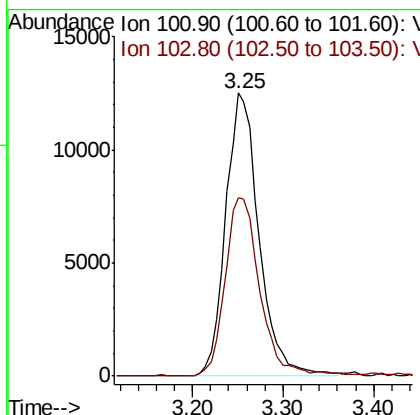
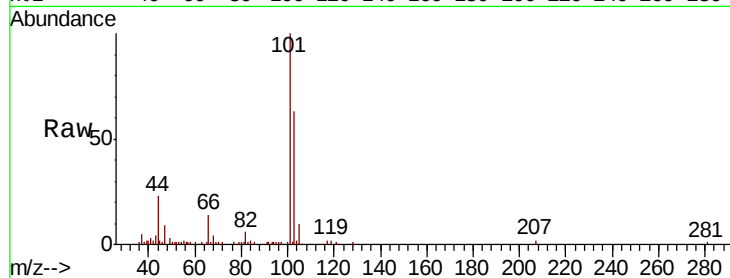
Trichlorofluoromethane
Concen: 19.412 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	31850		
103	63.1	53.5	80.3	

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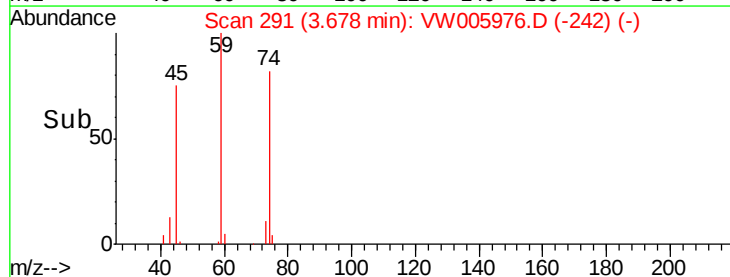
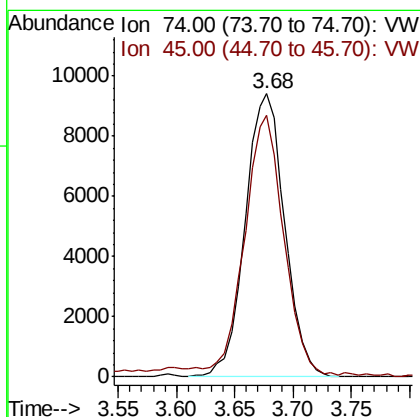
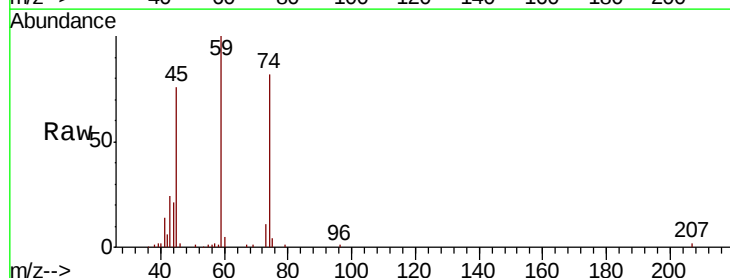
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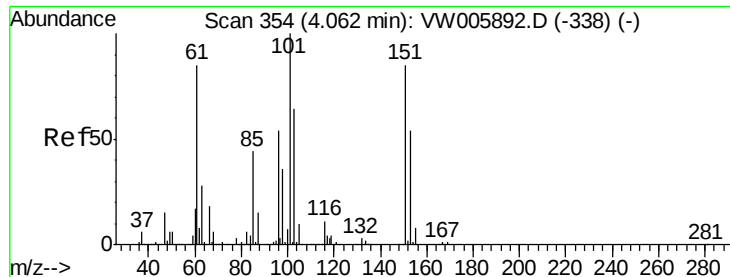


#8

Diethyl Ether
Concen: 22.018 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	22233		
45	91.1	46.8	140.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.856 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

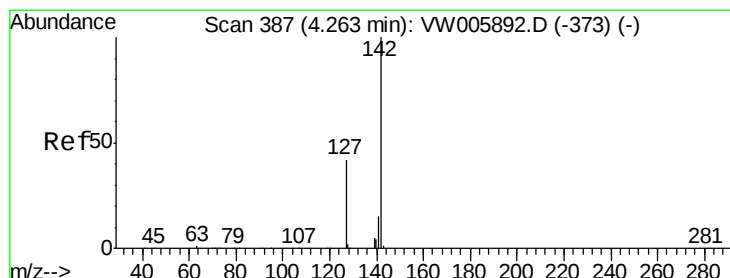
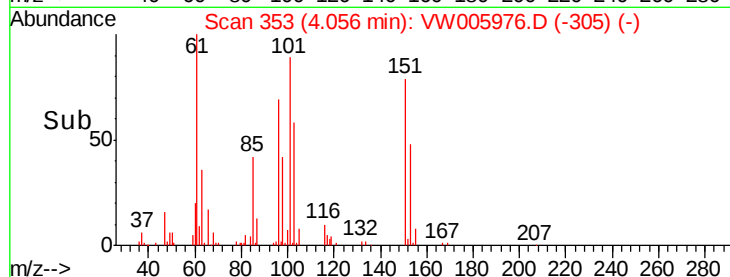
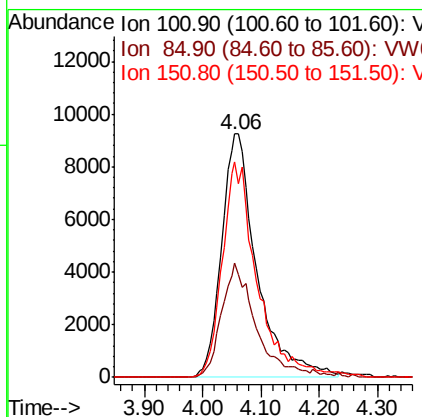
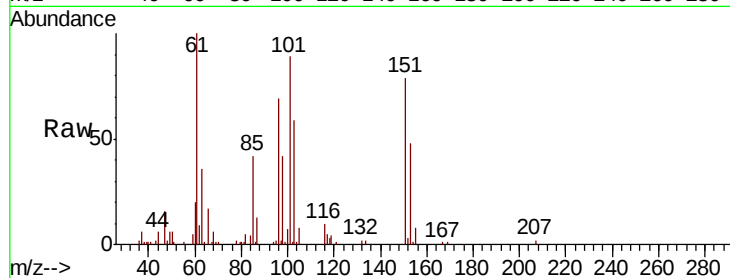
ClientSampleId :

VW1010SBSD02

Tot Ion:	101	Resp:	39042
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.1	52.7
151	86.3	67.7	101.5

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#10

Methyl Iodide

Concen: 20.437 ug/l

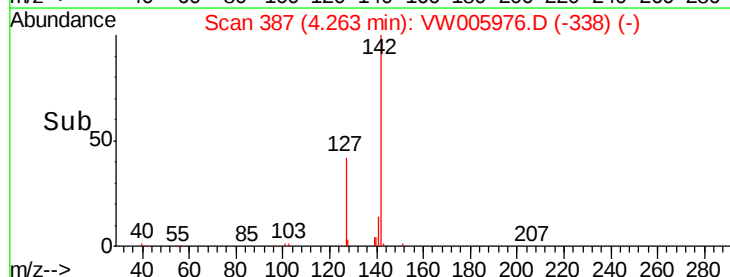
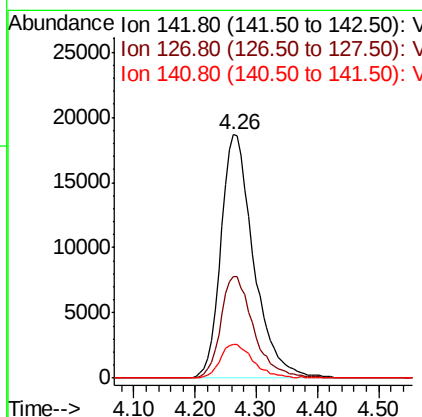
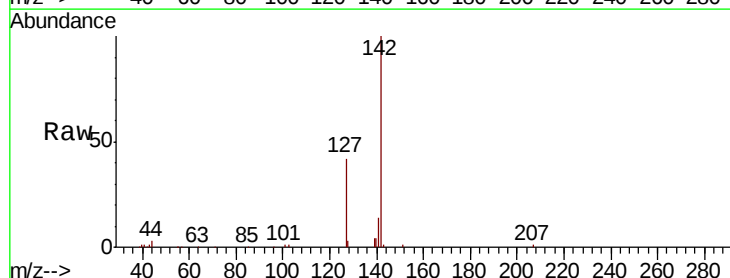
RT: 4.26 min Scan# 387

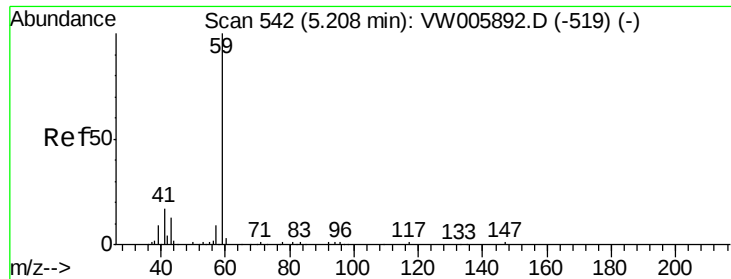
Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Tgt Ion:	142	Resp:	69206
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.7	50.5
141	14.2	11.5	17.3





#11

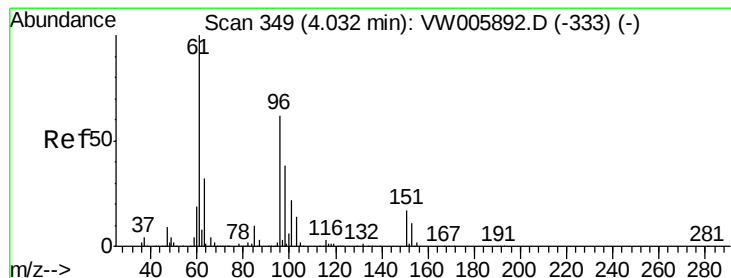
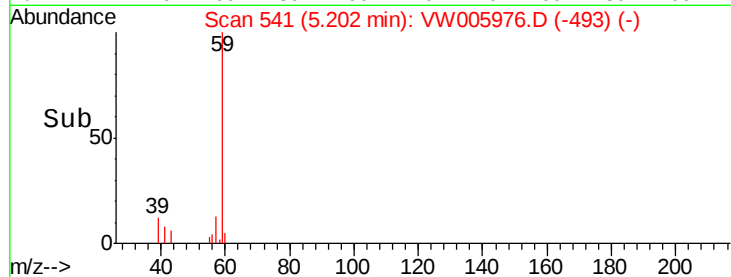
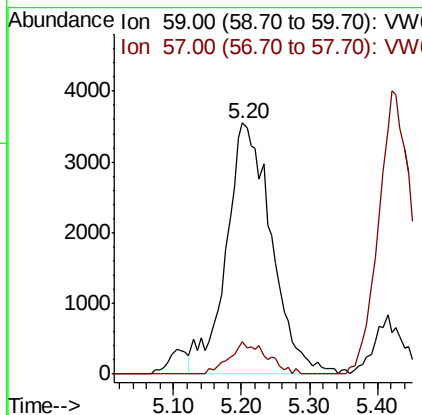
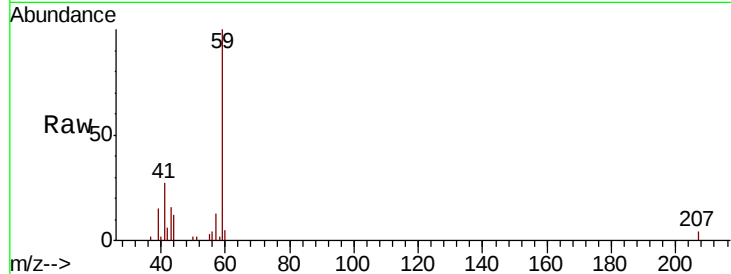
Tert butyl alcohol
 Concen: 101.930 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
59	100			
57	10.6	7.7	11.5	

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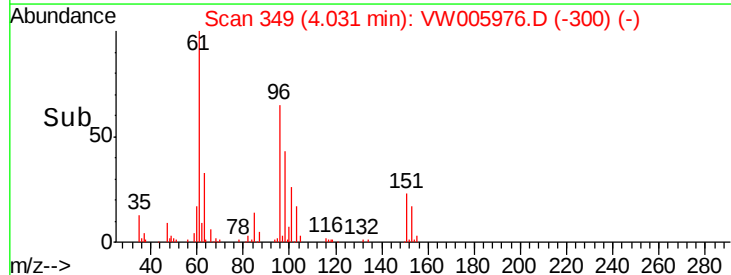
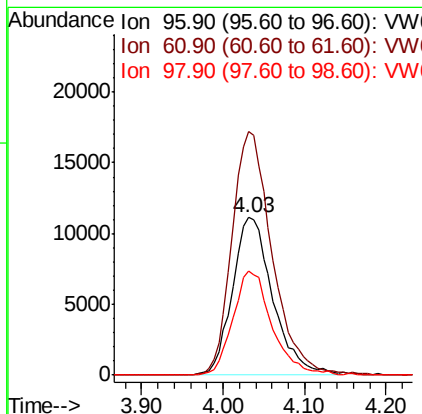
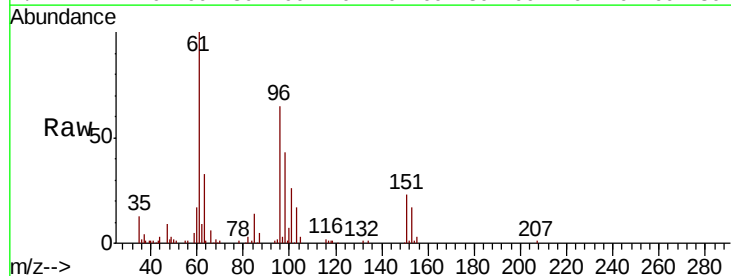
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#12

1,1-Dichloroethene
 Concen: 19.257 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	154.7	128.6	193.0	
98	66.4	49.4	74.0	





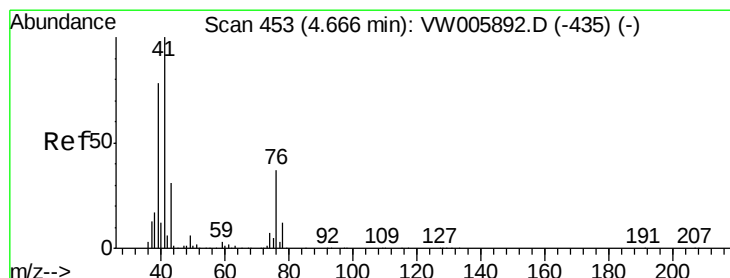
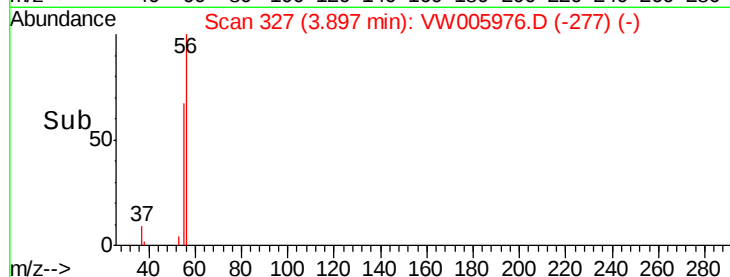
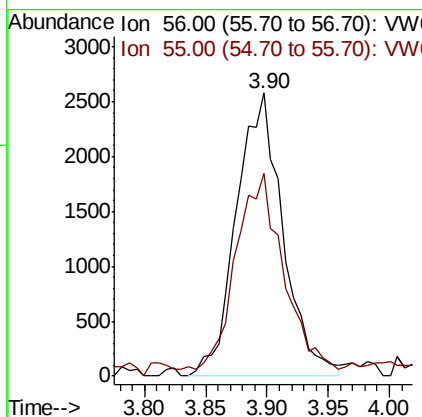
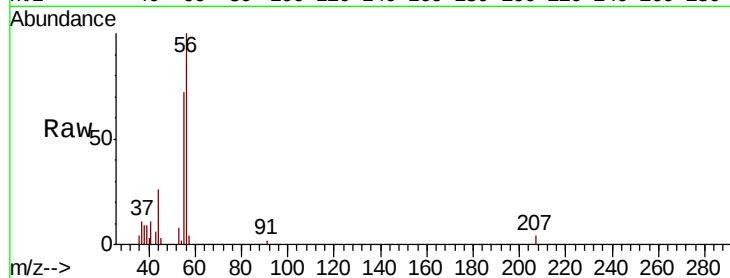
#13
Acrolein
Concen: 47.582 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.0	54.6	82.0

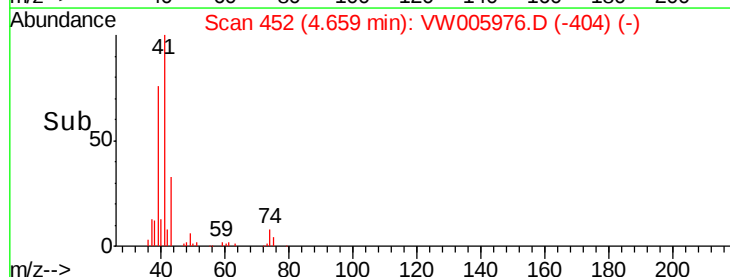
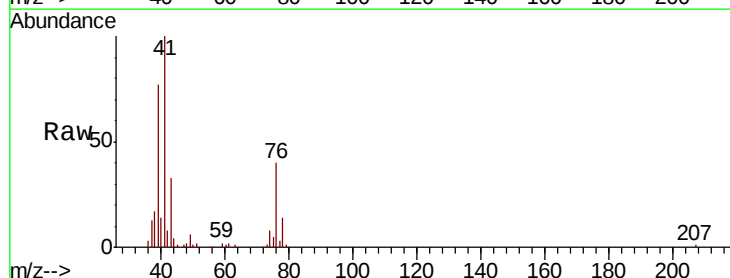
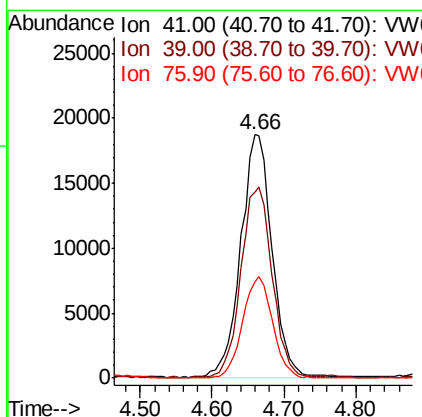
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#14
Allyl chloride
Concen: 16.848 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	78.3	60.8	91.2
76	39.5	29.6	44.4





#15

Acrylonitrile

Concen: 99.038 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

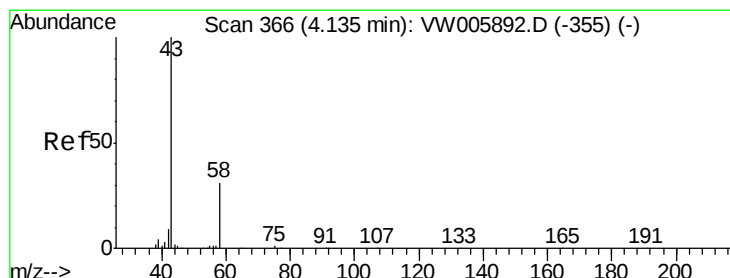
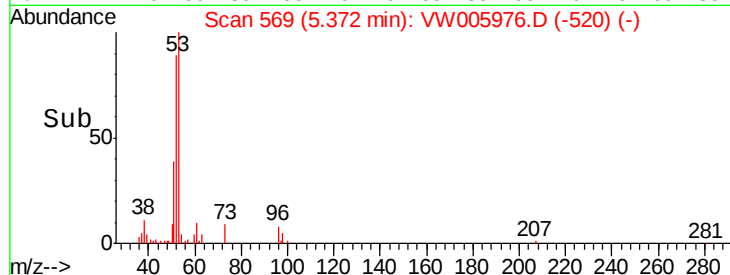
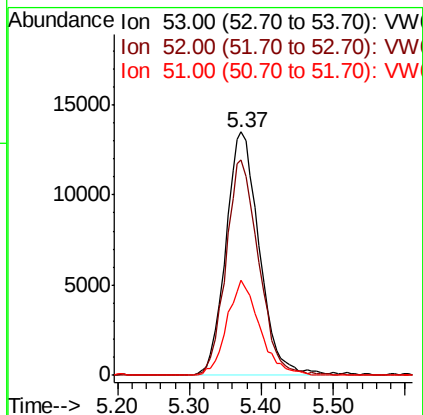
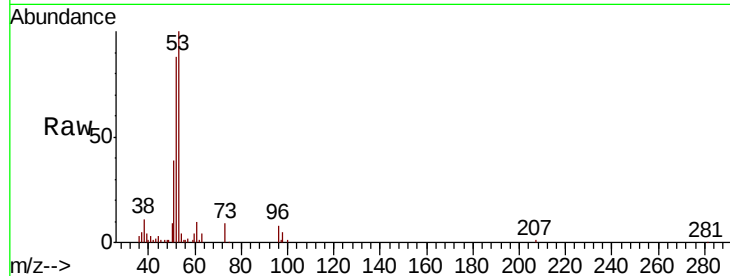
ClientSampleId :

VW1010SBSD02

Tot Ion:	53	Resp:	43522
Ion	Ratio	Lower	Upper
53	100		
52	86.5	66.8	100.2
51	38.0	29.8	44.6

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#16

Acetone

Concen: 85.765 ug/l

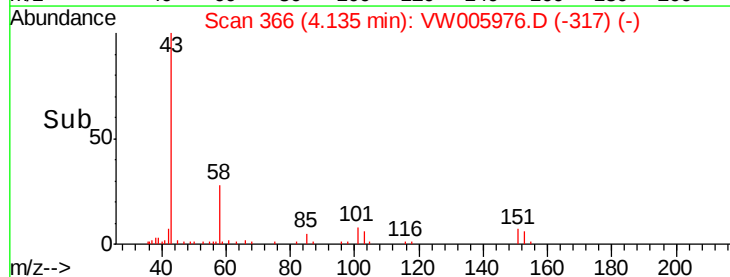
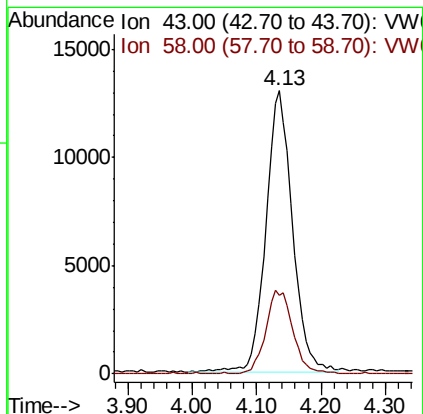
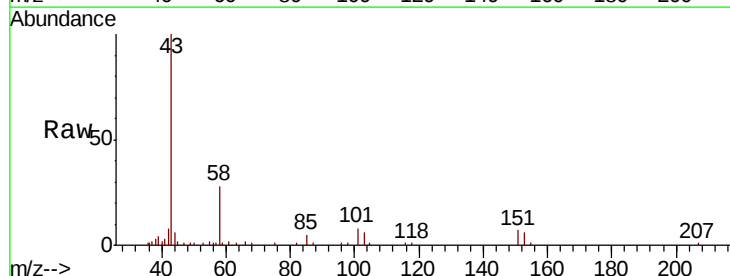
RT: 4.13 min Scan# 366

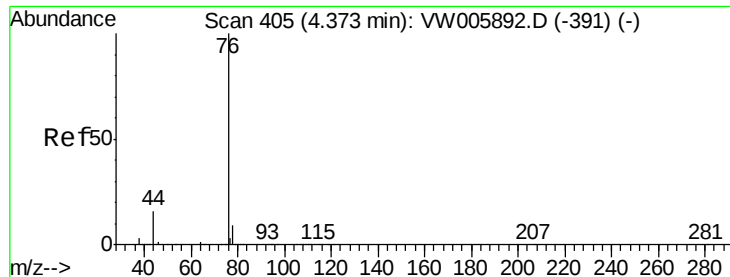
Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Tgt Ion:	43	Resp:	37563
Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.7	37.1





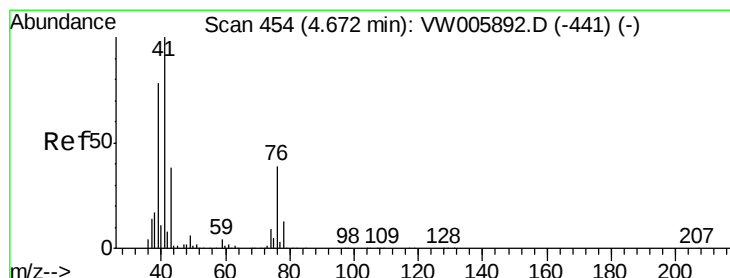
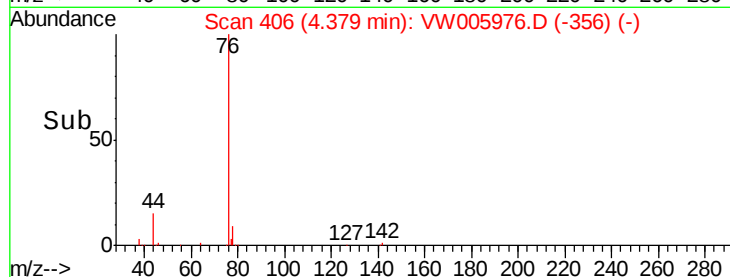
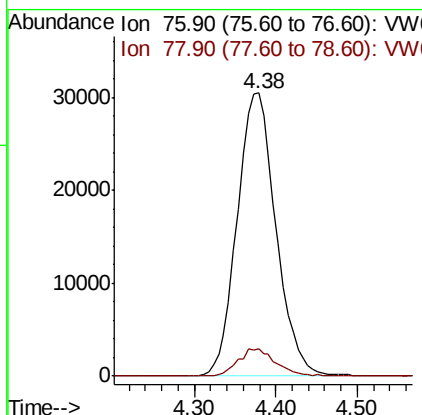
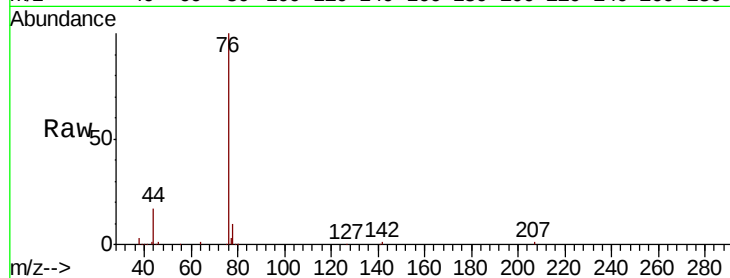
#17
Carbon Disulfide
Concen: 16.750 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

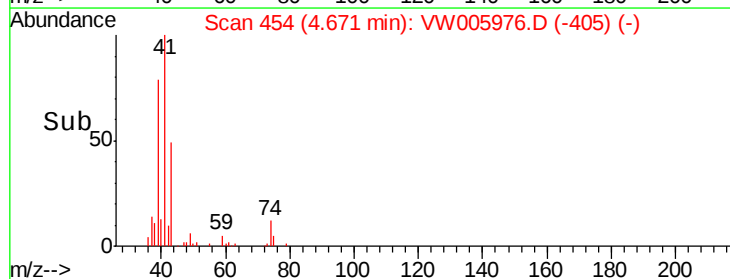
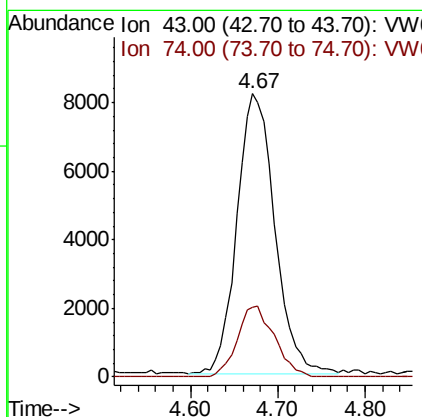
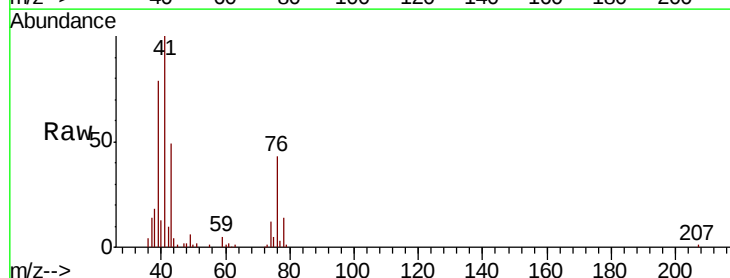
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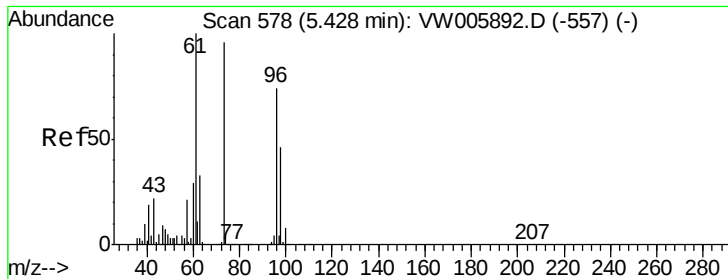
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#18
Methyl Acetate
Concen: 22.430 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.2	28.8





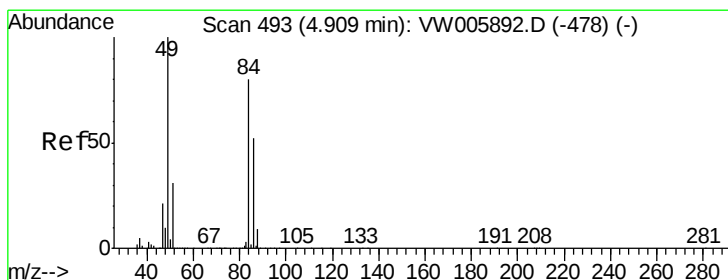
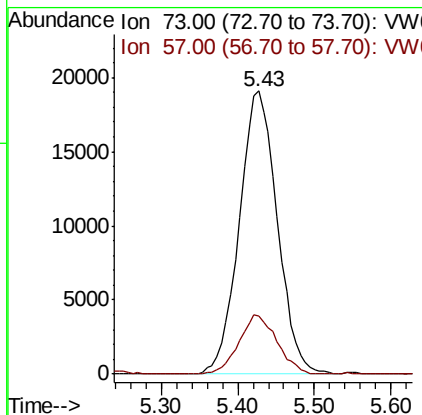
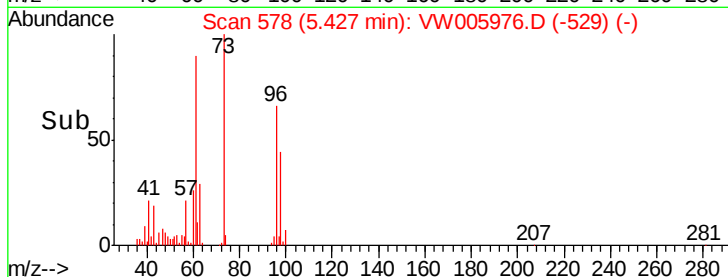
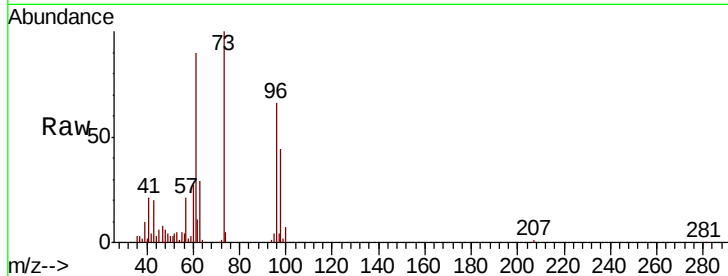
#19
Methvl tert-butvl Ether
Concen: 21.304 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion: 73 Resp: 65903
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5

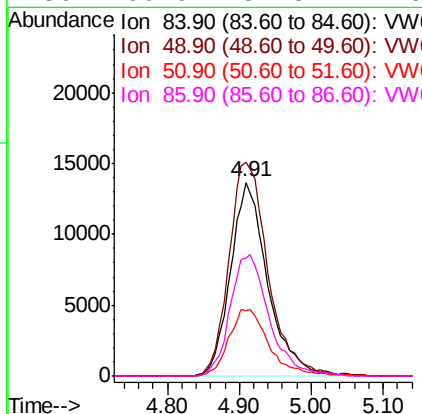
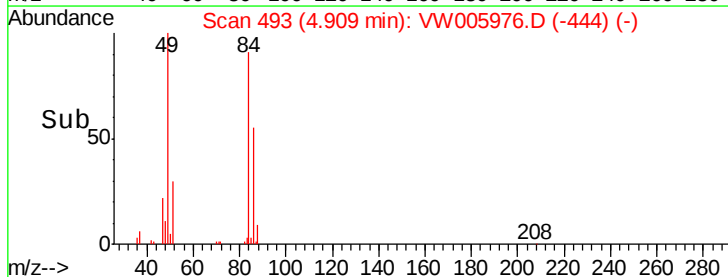
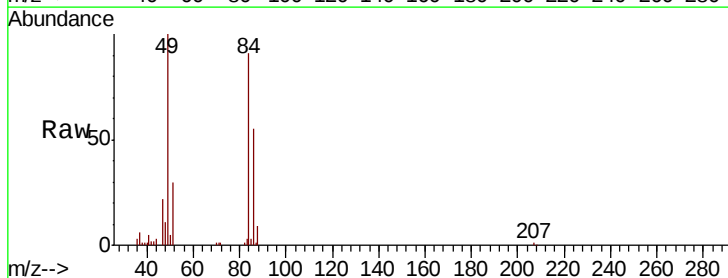
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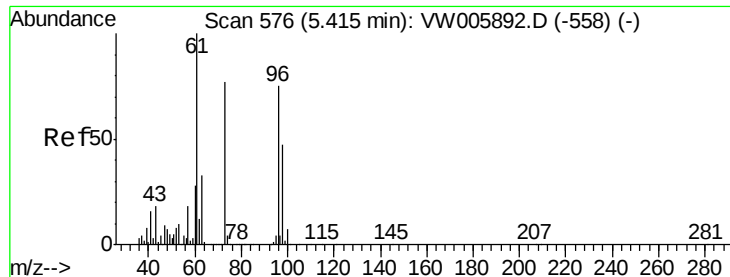
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#20
Methylene Chloride
Concen: 22.281 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 84 Resp: 48891
Ion Ratio Lower Upper
84 100
49 110.2 99.9 149.9
51 33.5 31.1 46.7
86 60.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.216 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

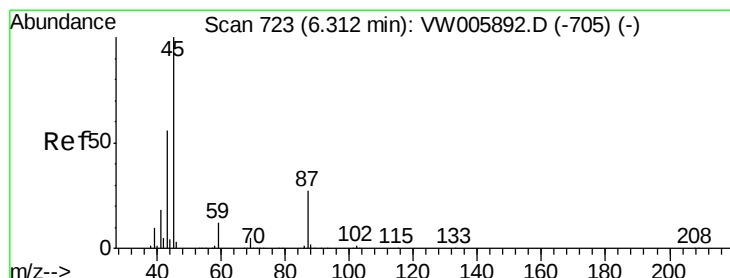
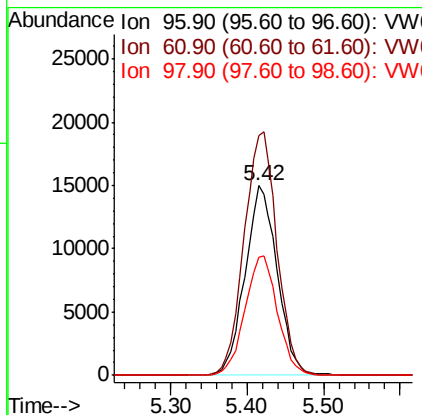
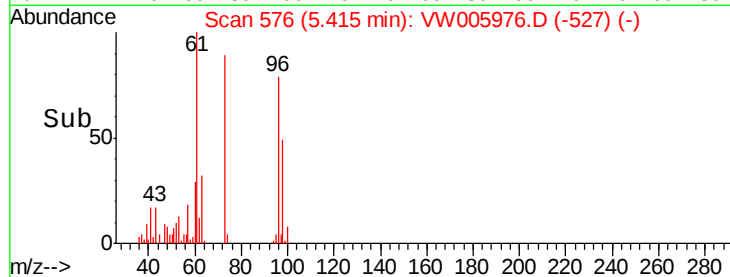
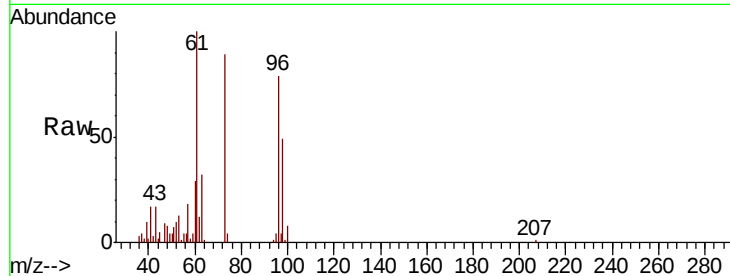
ClientSampleId :

VW1010SBSD02

Tot Ion:	96	Resp:	43811
Ion	Ratio	Lower	Upper
96	100		
61	126.5	107.4	161.0
98	62.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 19.532 ug/l

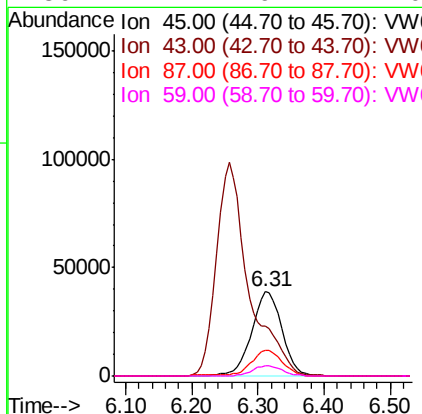
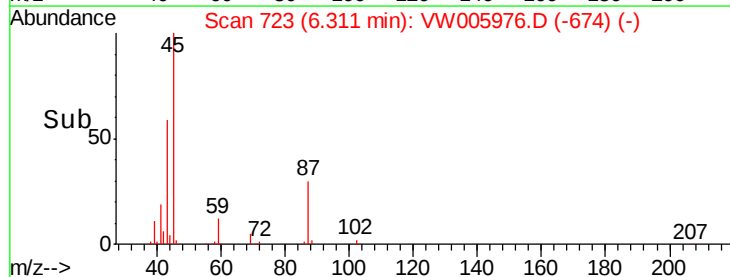
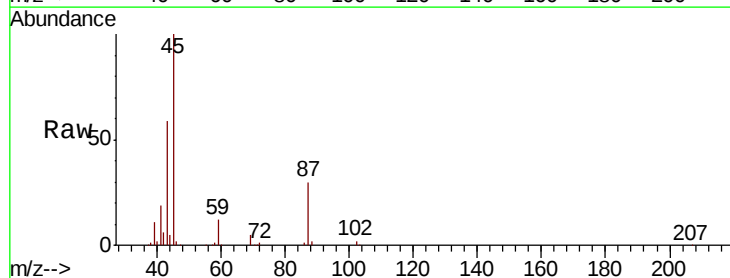
RT: 6.31 min Scan# 723

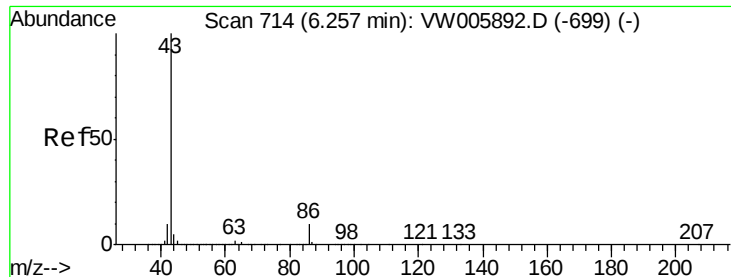
Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Tgt Ion:	45	Resp:	123806
Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.9	68.9
87	30.0	22.2	33.4
59	12.1	9.4	14.0





#23

Vinyl Acetate

Concen: 85.901 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion: 43 Resp: 335132

Ion Ratio Lower Upper

43 100

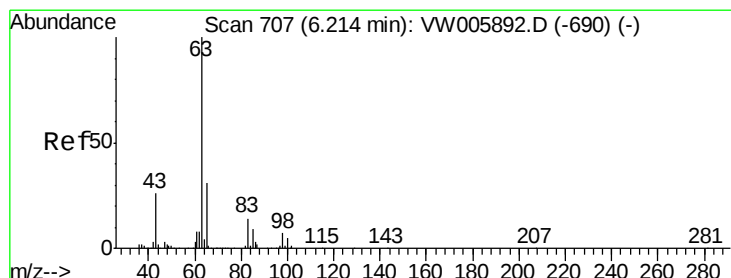
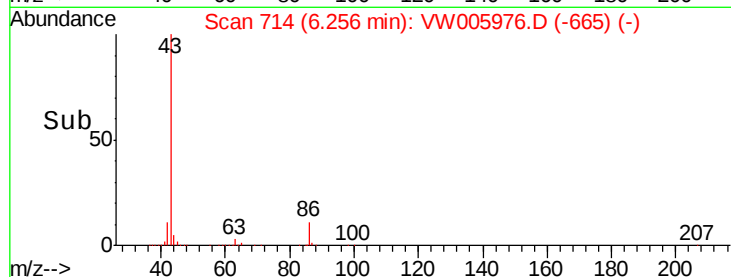
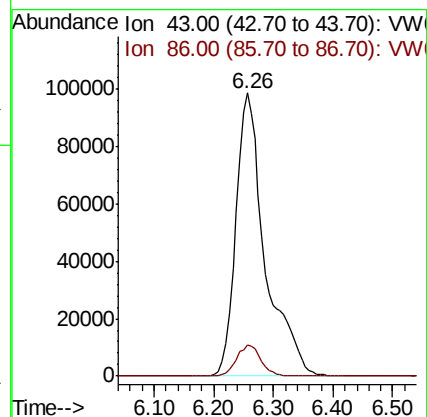
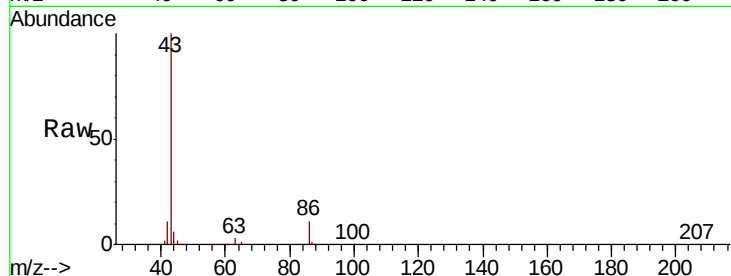
86 10.9 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 19.772 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

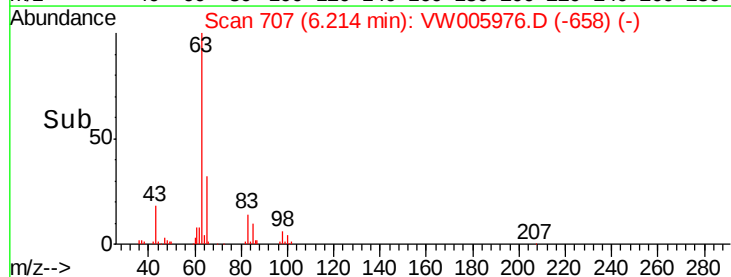
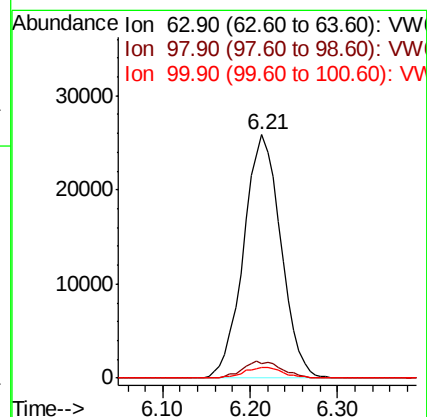
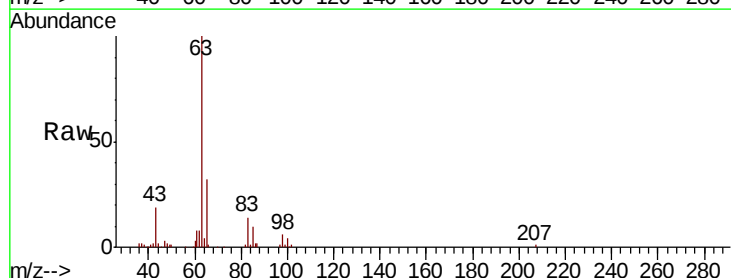
Tgt Ion: 63 Resp: 76696

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.6

100 4.4 2.4 7.1





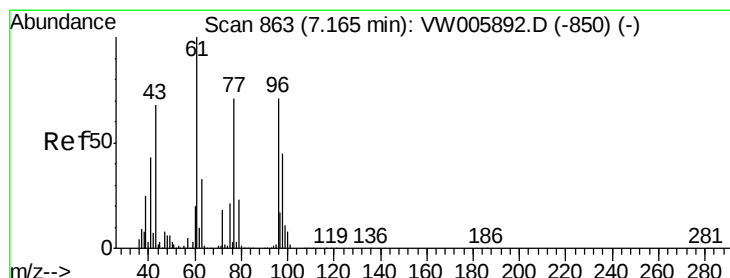
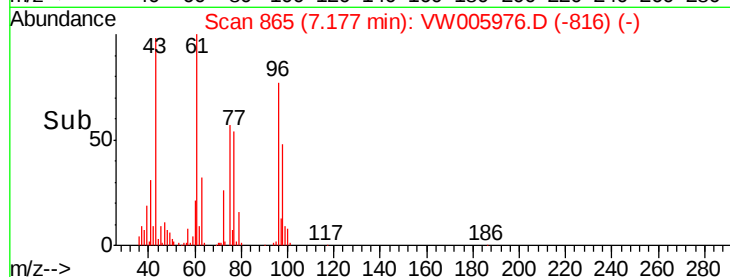
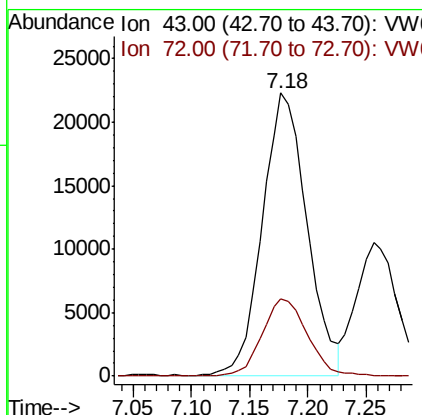
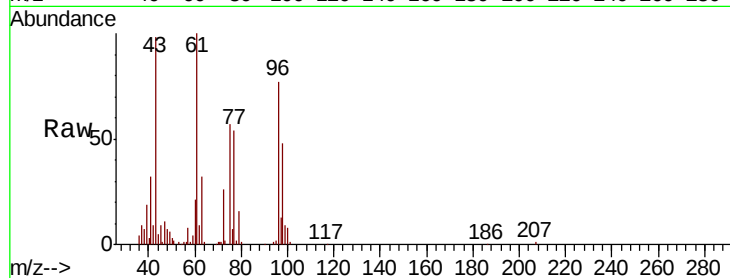
#25
2-Butanone
Concen: 95.214 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.1	21.0	31.4

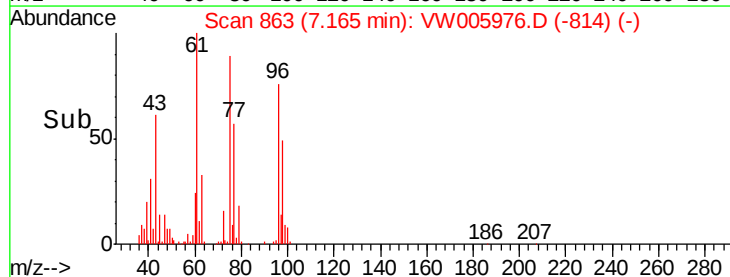
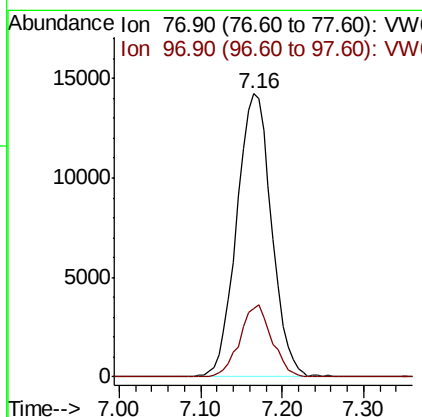
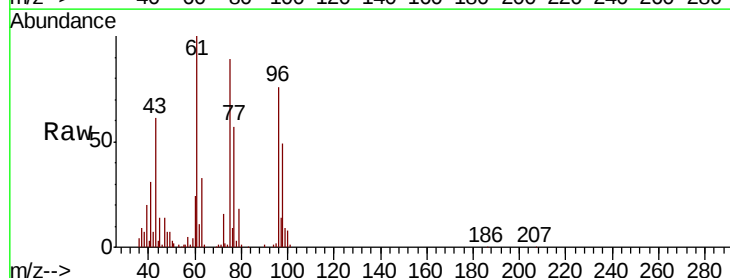
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#26
2,2-Dichloropropane
Concen: 15.469 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.9	35.7





#27

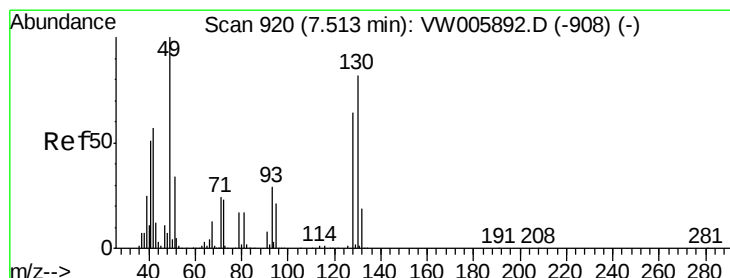
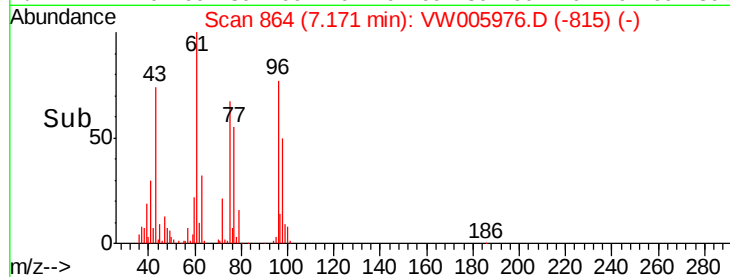
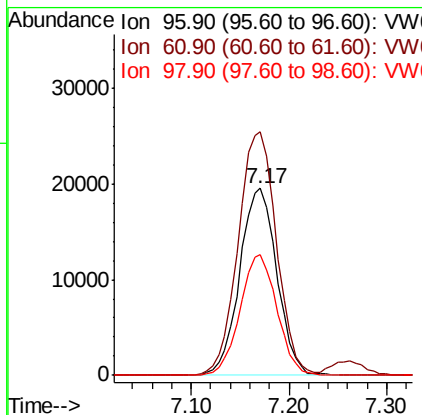
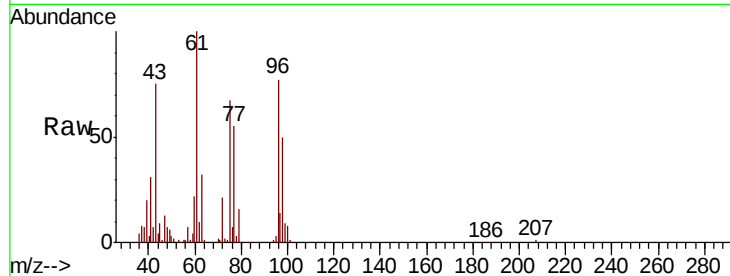
cis-1,2-Dichloroethene
 Concen: 21.045 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	284.0
98	64.0	0.0	129.8

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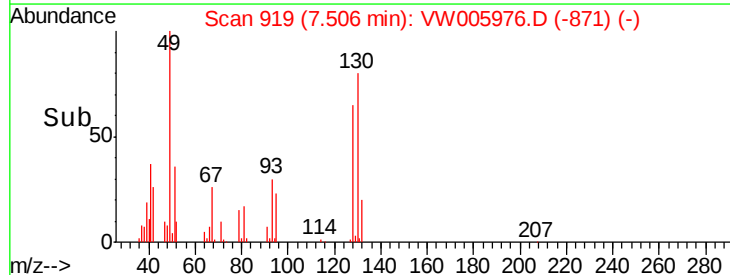
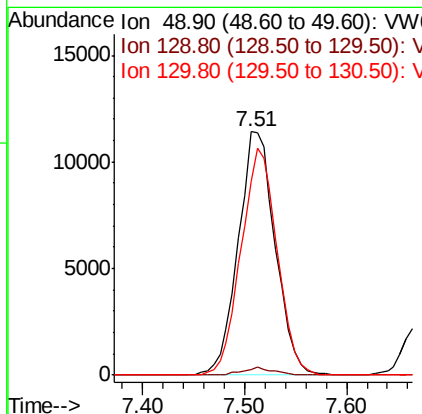
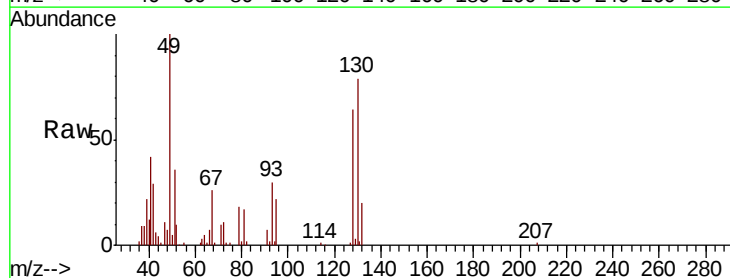
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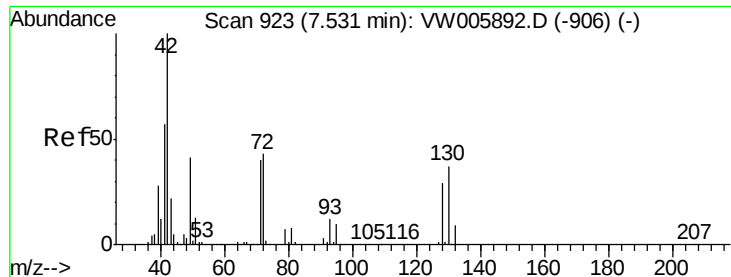


#28

Bromochloromethane
 Concen: 20.052 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	91.0	66.9	100.3





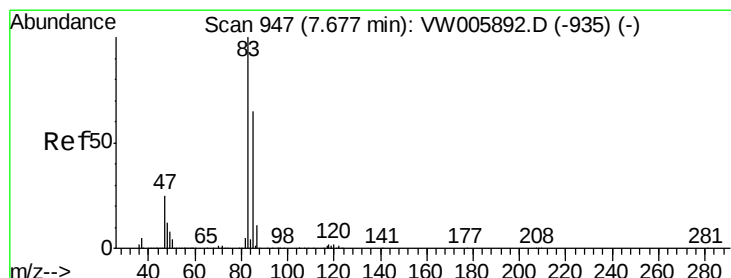
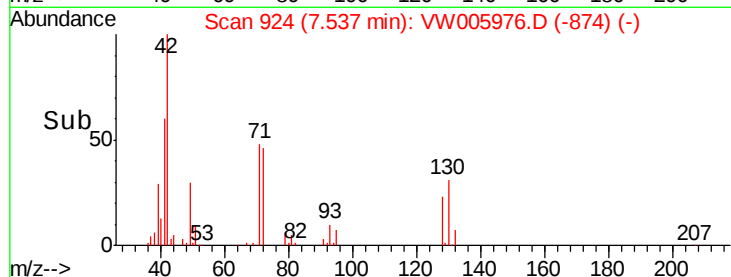
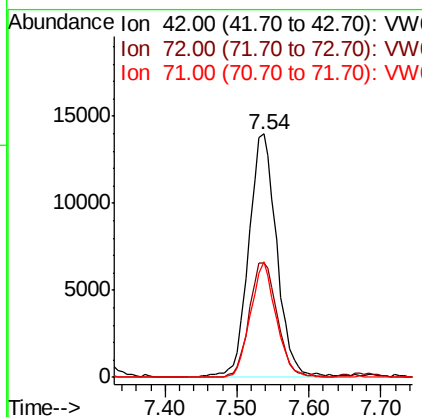
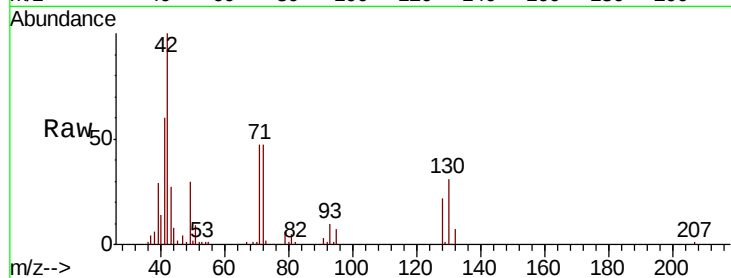
#29
Tetrahydrofuran
Concen: 96.183 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	34.6	51.8
71	43.6	32.6	49.0

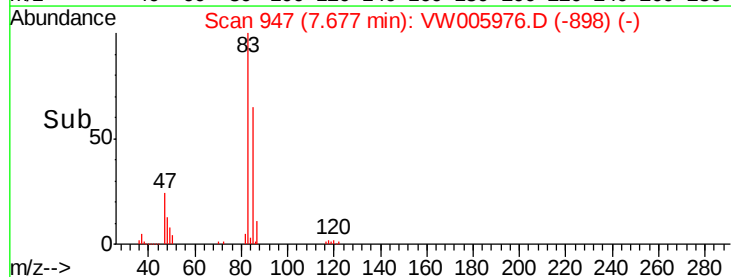
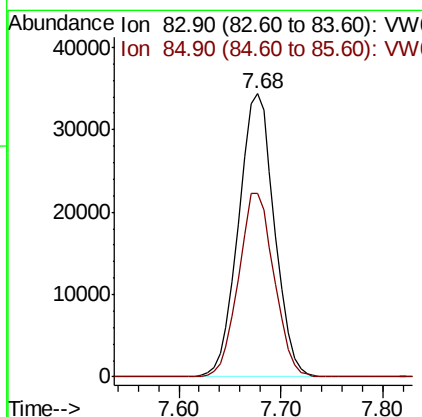
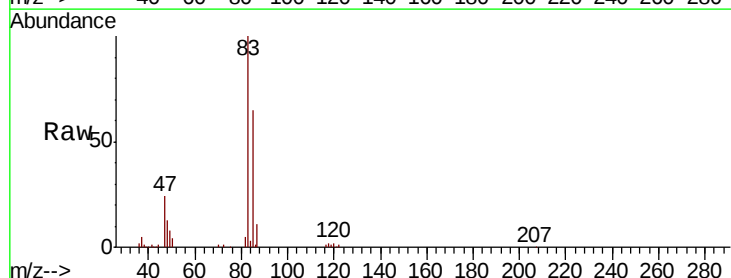
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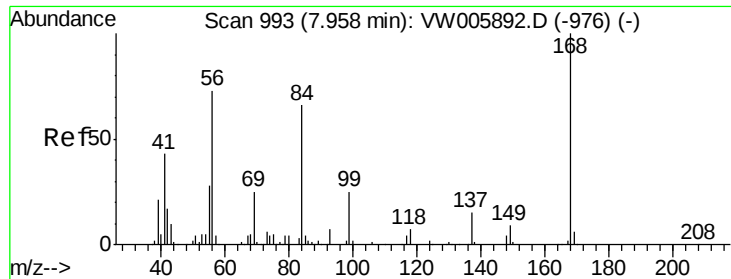
apatel
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#30
Chloroform
Concen: 21.039 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4





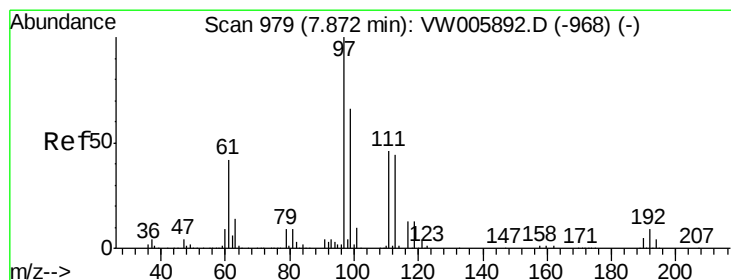
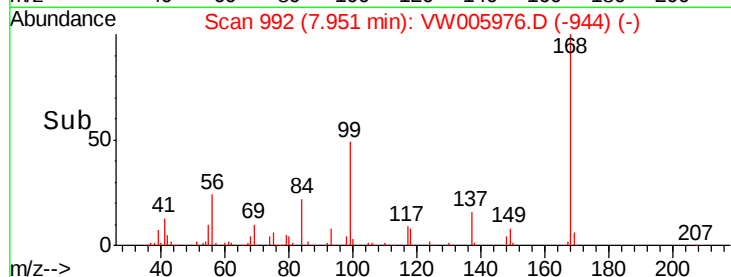
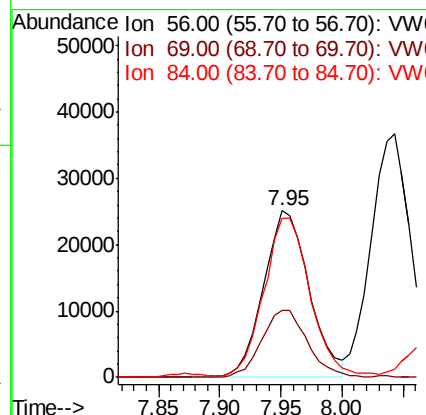
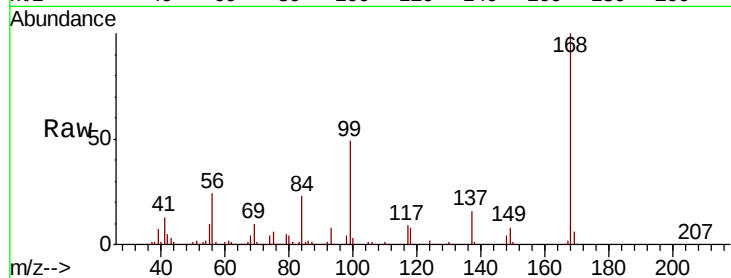
#31
Cyclohexane
Concen: 17.008 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.6	27.9	41.9
84	93.7	72.3	108.5

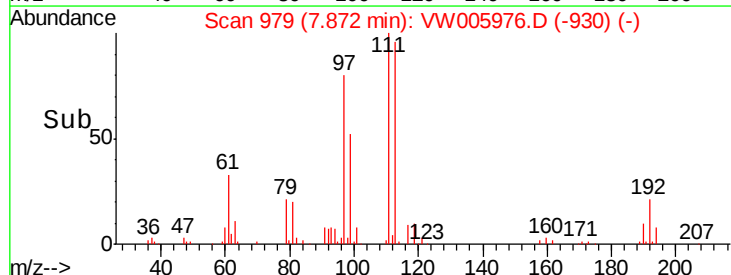
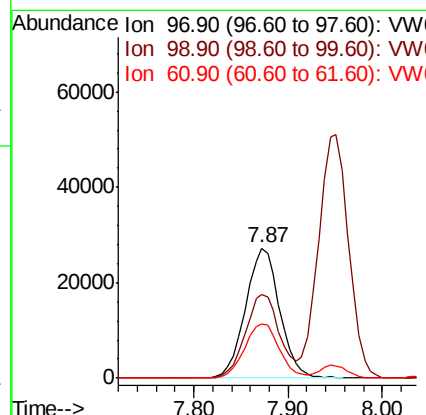
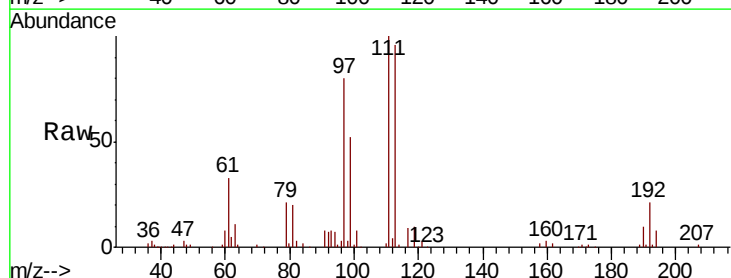
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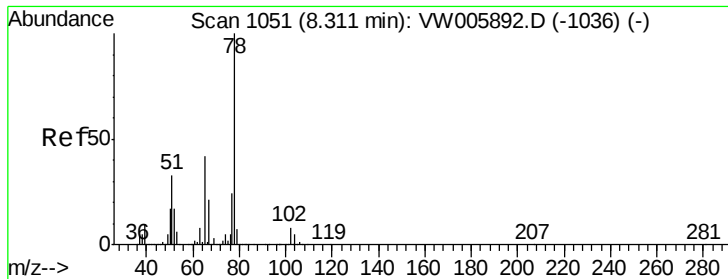
apatel
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#32
1,1,1-Trichloroethane
Concen: 19.448 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	43.0	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 51.595 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion: 65 Resp: 113132

Ion Ratio Lower Upper

65 100

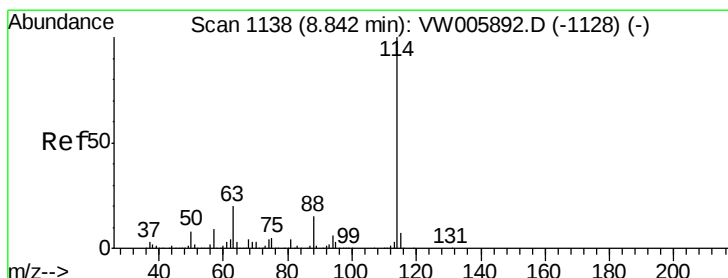
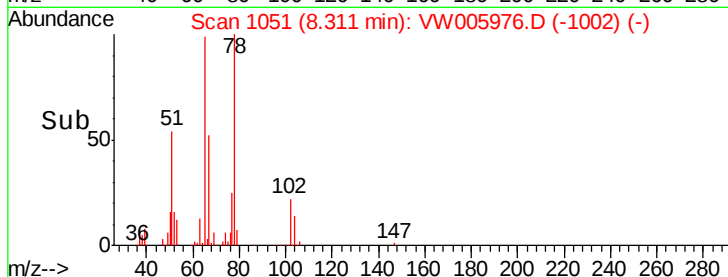
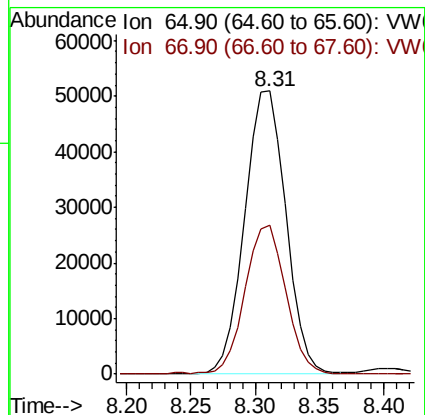
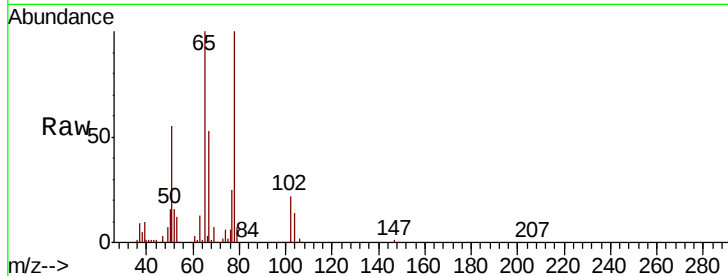
67 51.9 0.0 104.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

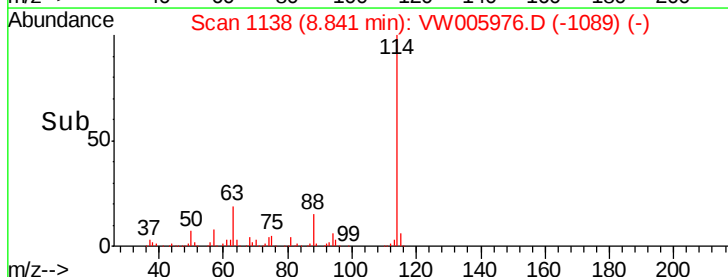
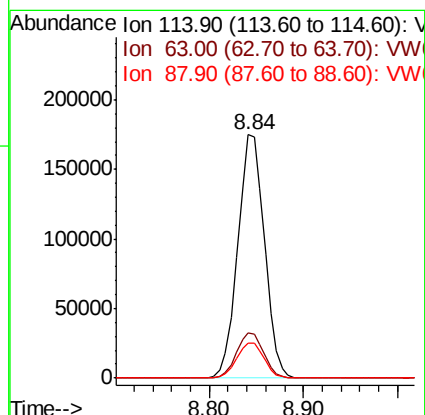
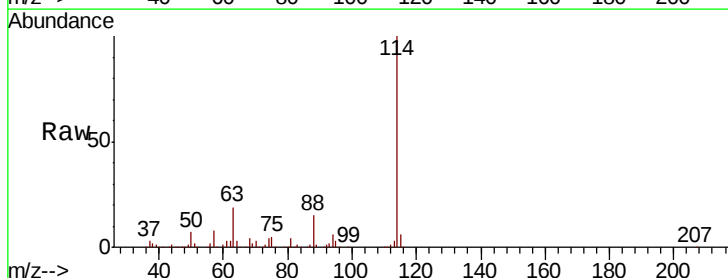
Tgt Ion: 114 Resp: 345029

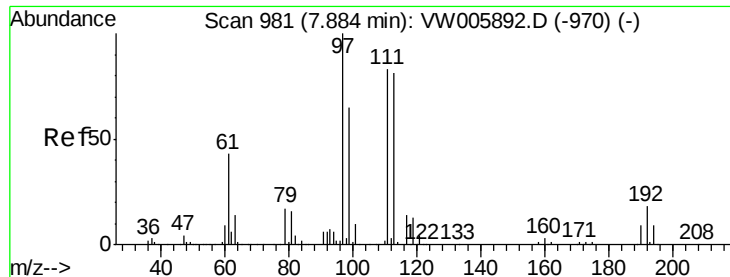
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

88 14.5 0.0 30.8





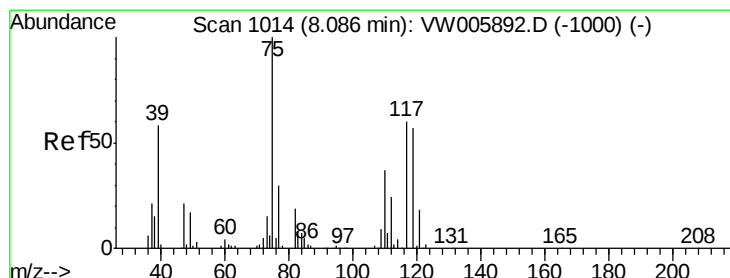
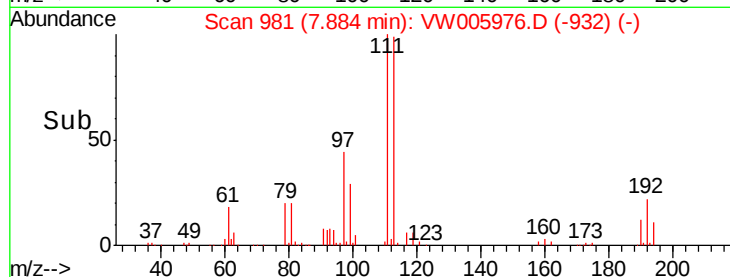
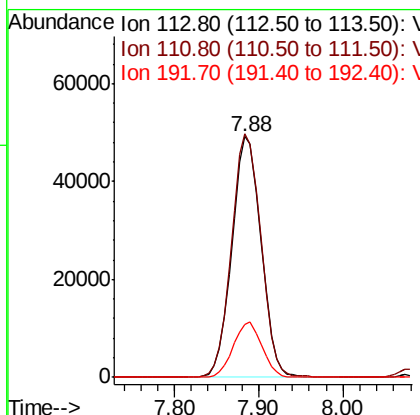
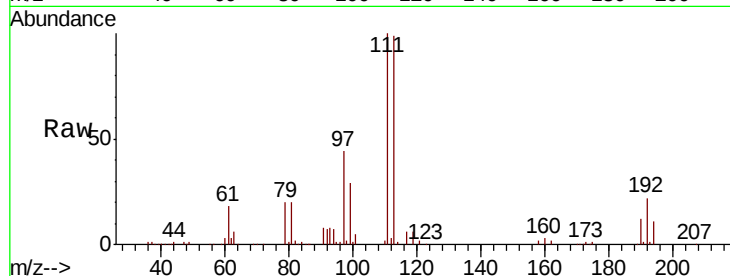
#35
 Dibromofluoromethane
 Concen: 52.124 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.2	82.0	123.0	
192	22.5	18.3	27.5	

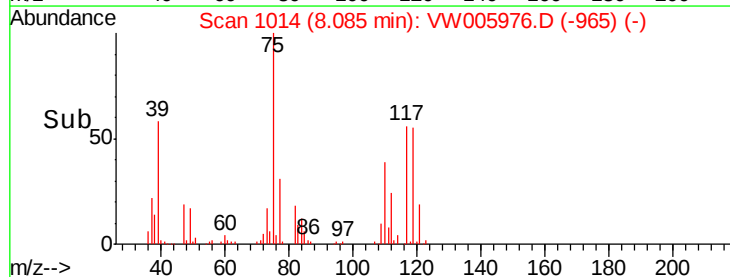
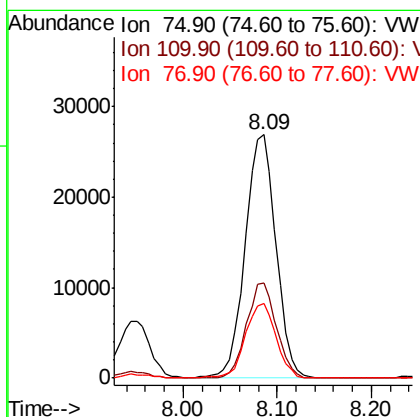
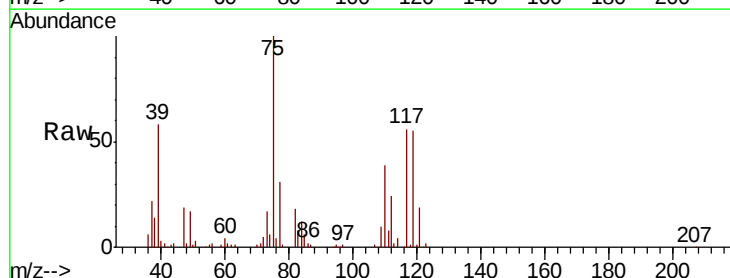
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#36
 1,1-Dichloropropene
 Concen: 18.708 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.8	18.6	56.0	
77	30.7	24.7	37.1	





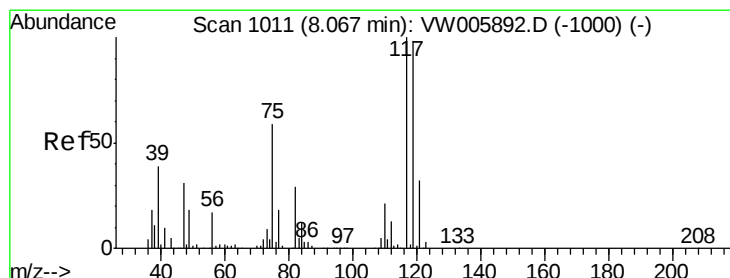
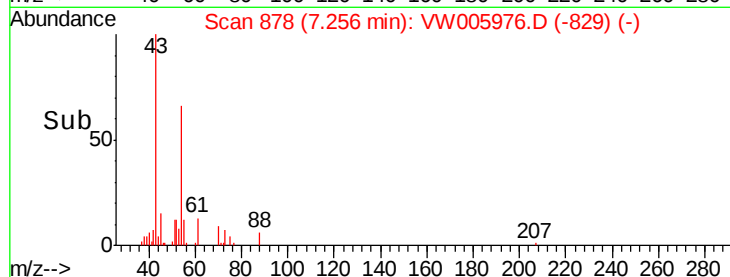
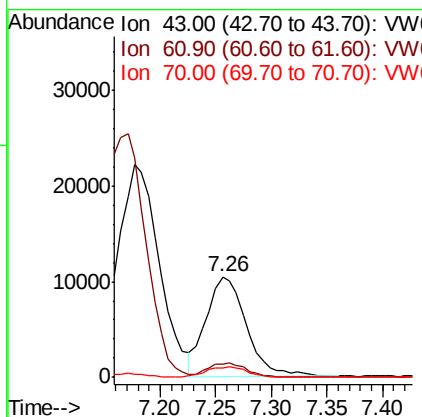
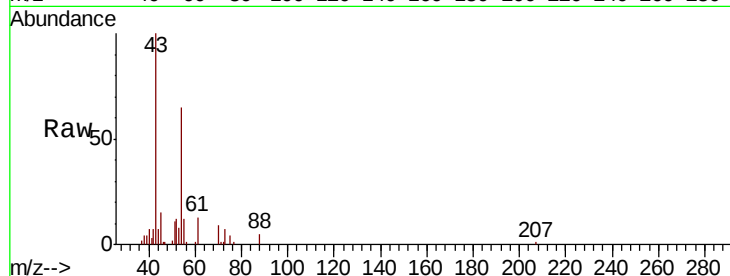
#37
Ethyl Acetate
Concen: 18.721 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	16.0
70	10.7	8.6	13.0

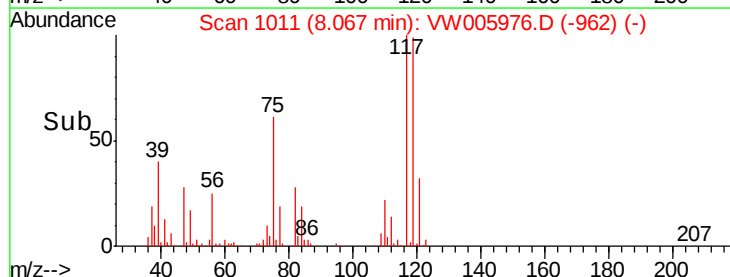
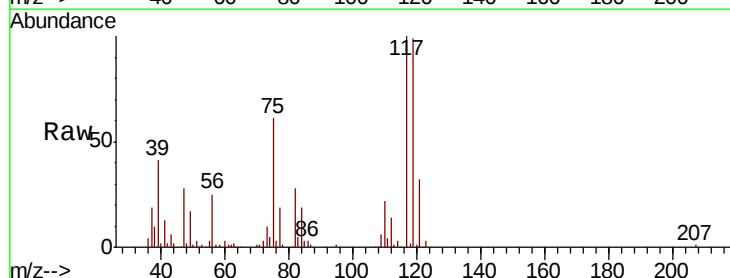
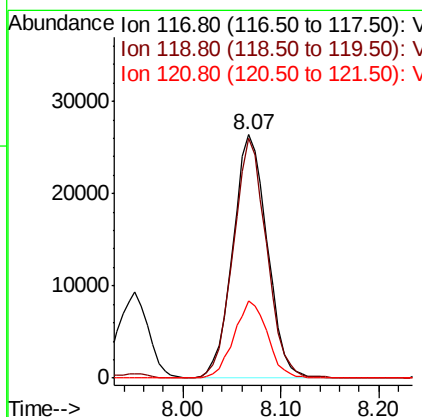
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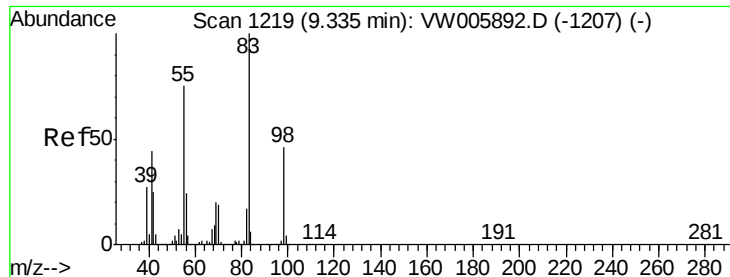
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#38
Carbon Tetrachloride
Concen: 18.083 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.6	117.8
121	31.6	25.3	37.9





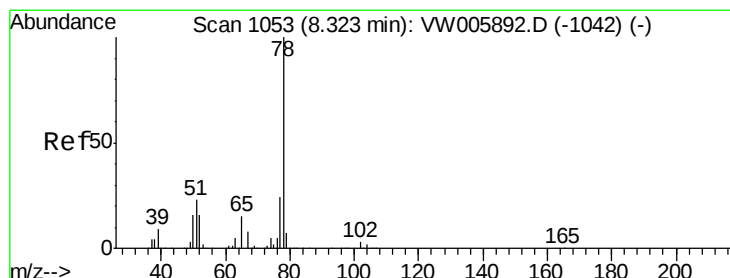
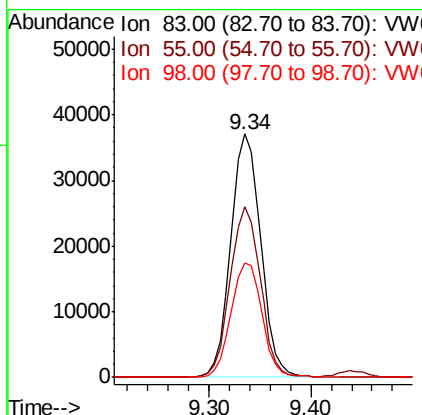
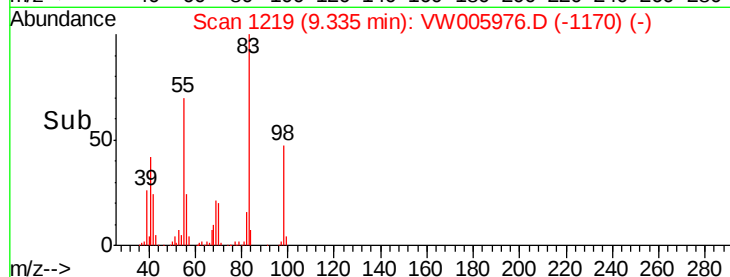
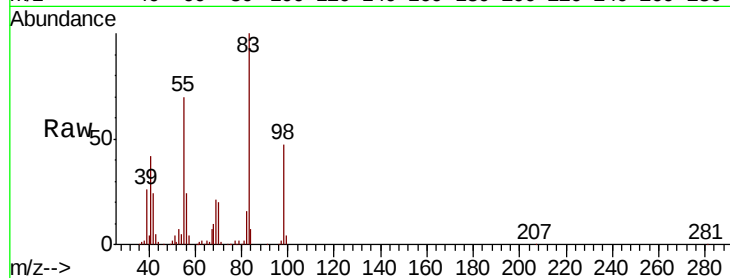
#39
Methvlcvclohexane
Concen: 17.342 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.2	59.8	89.6
98	46.8	37.1	55.7

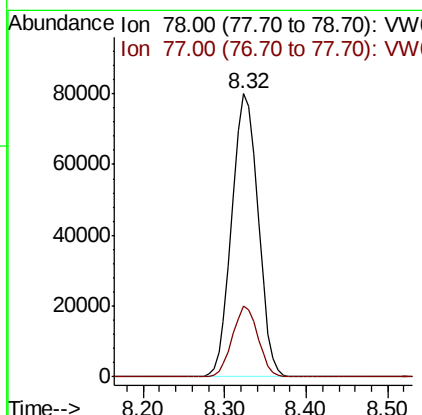
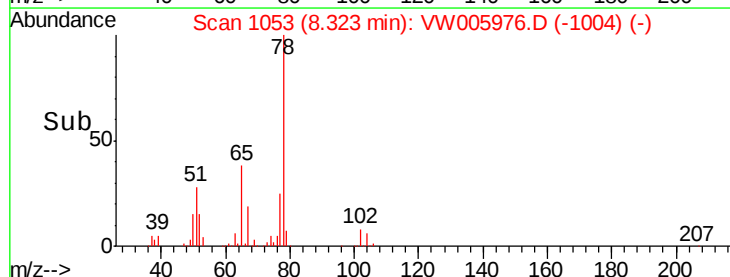
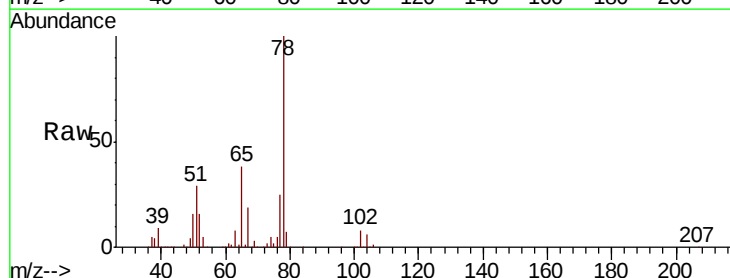
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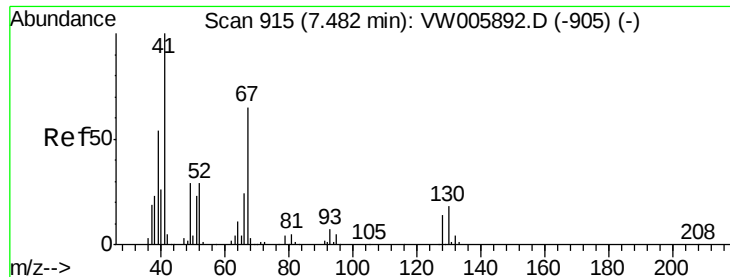
apatel
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#40
Benzene
Concen: 19.705 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.1	28.7





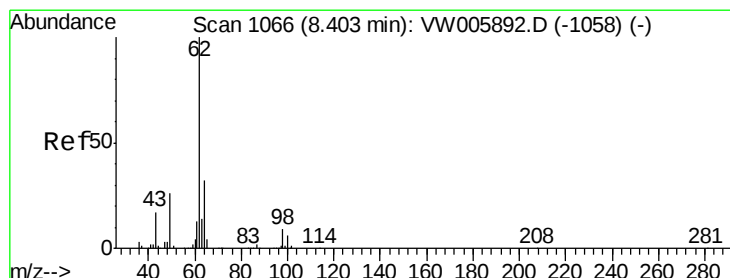
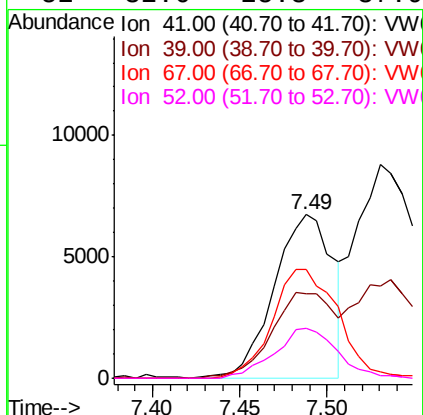
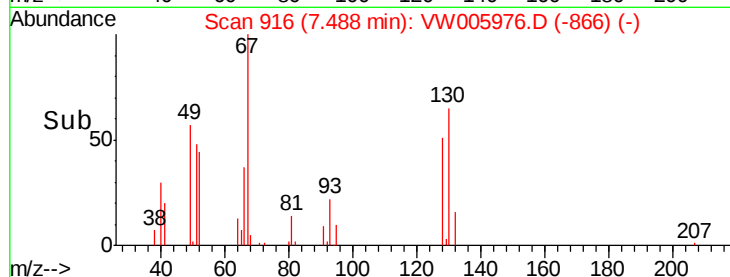
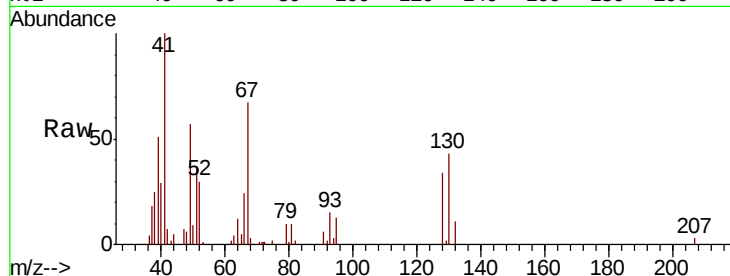
#41
Methacrylonitrile
Concen: 18.023 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.0	67.4
67	74.2	55.8	83.8
52	32.6	25.3	37.9

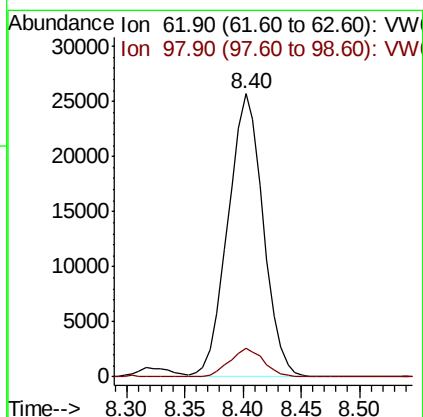
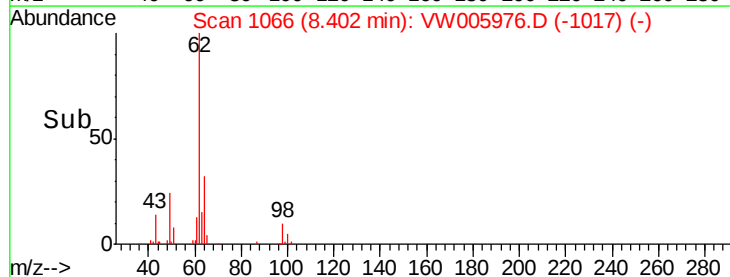
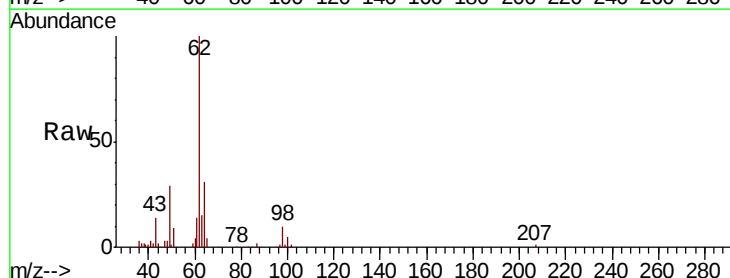
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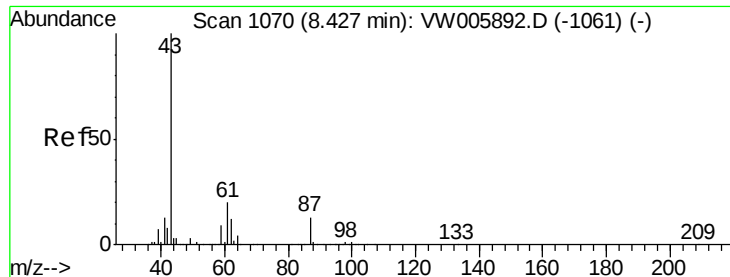
apatel
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#42
1,2-Dichloroethane
Concen: 19.807 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.0





#43

Isopropyl Acetate

Concen: 18.313 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

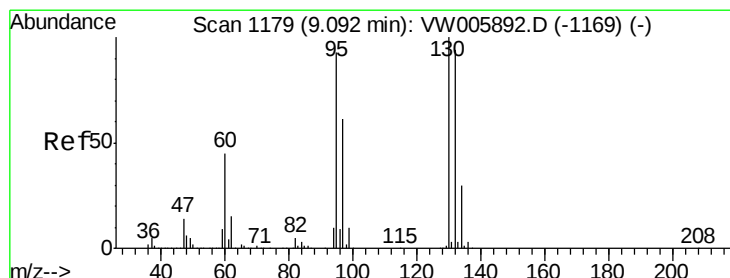
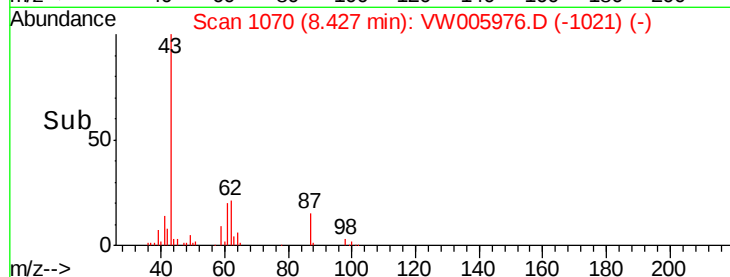
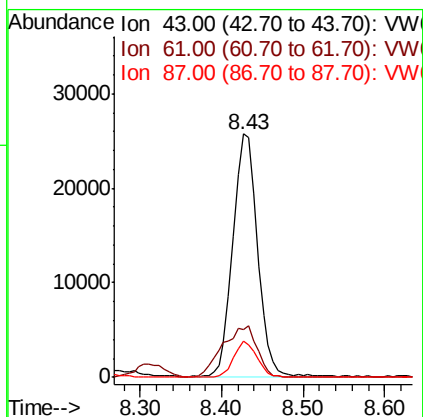
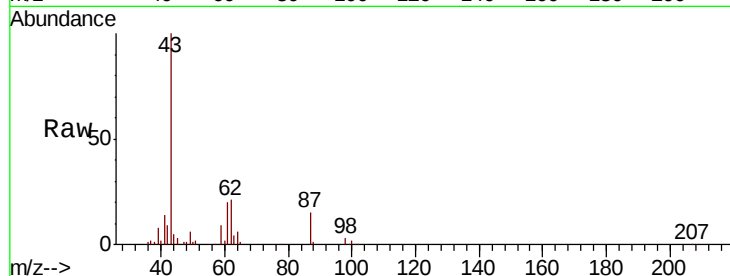
ClientSampleId :

VW1010SBSD02

Tot Ion:	43	Resp:	53557
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.1	34.7
87	13.9	10.7	16.1

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#44

Trichloroethene

Concen: 19.995 ug/l

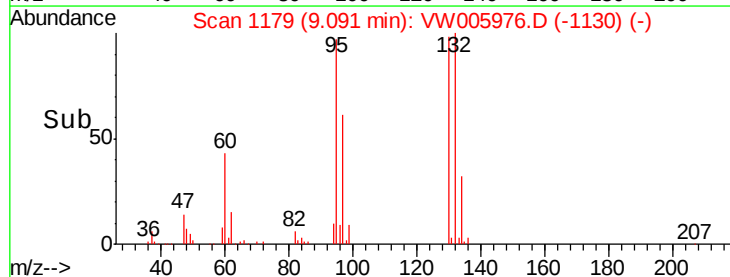
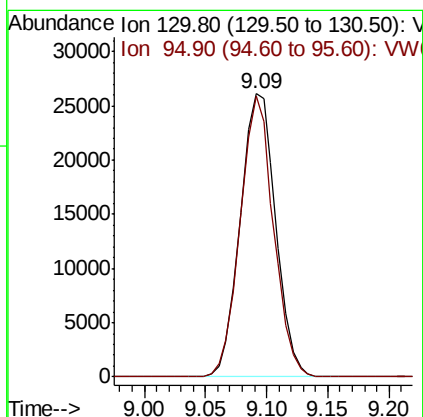
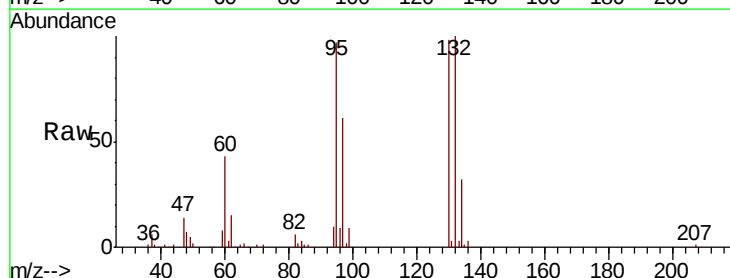
RT: 9.09 min Scan# 1179

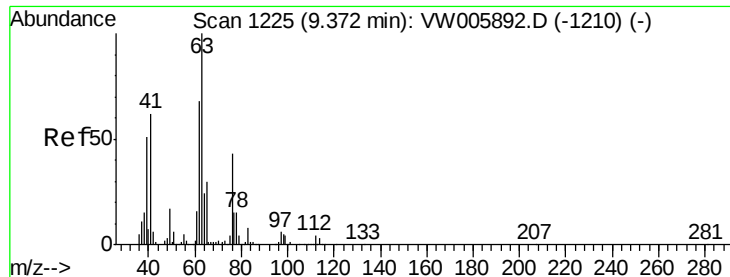
Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Tgt Ion:	130	Resp:	52493
Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.385 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion: 63 Resp: 43905

Ion Ratio Lower Upper

63 100

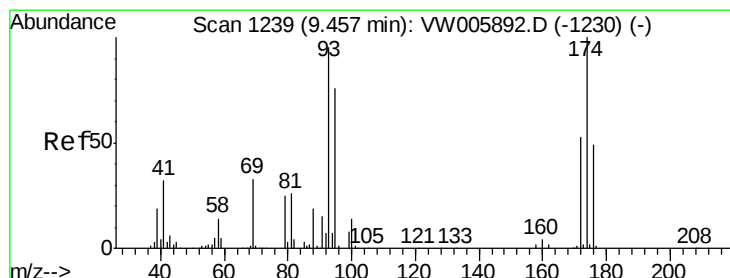
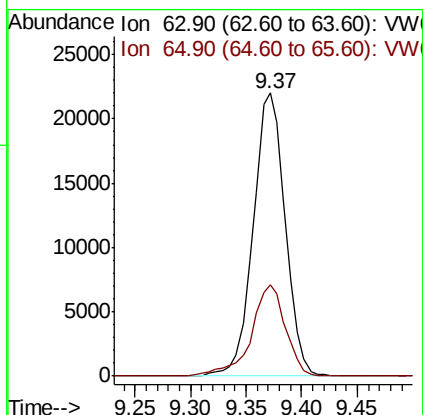
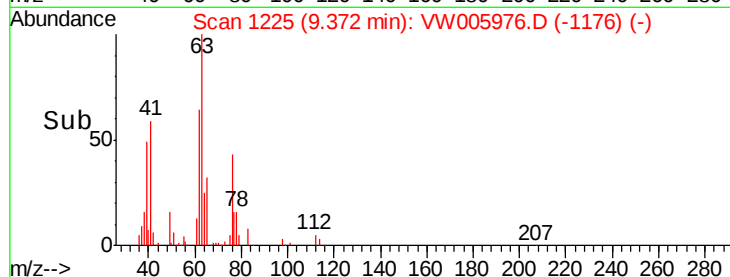
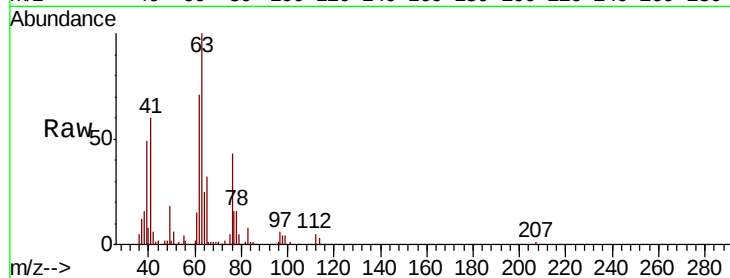
65 32.3 24.3 36.5

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#46

Dibromomethane

Concen: 20.826 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

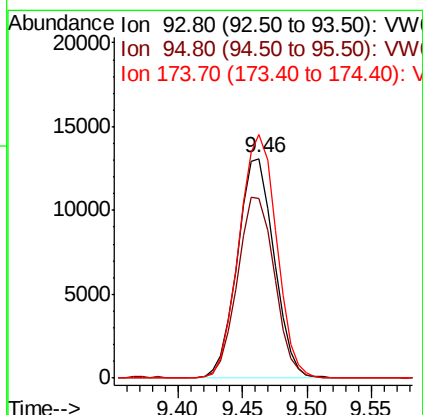
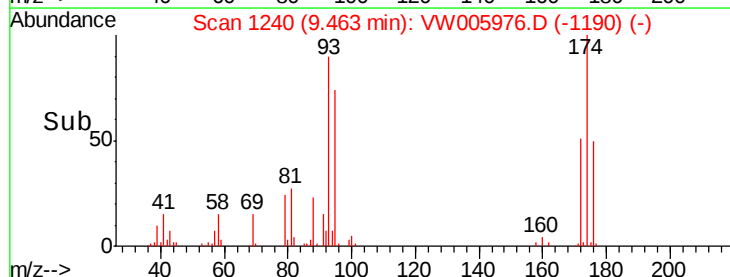
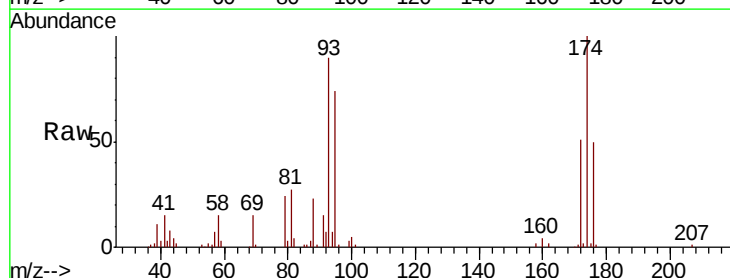
Tgt Ion: 93 Resp: 25925

Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 112.6 90.4 135.6





#47

Bromodichloromethane

Concen: 19.222 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

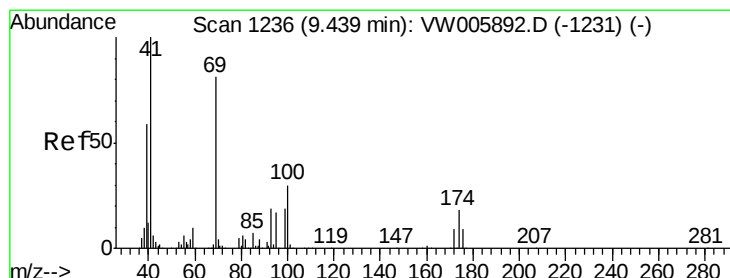
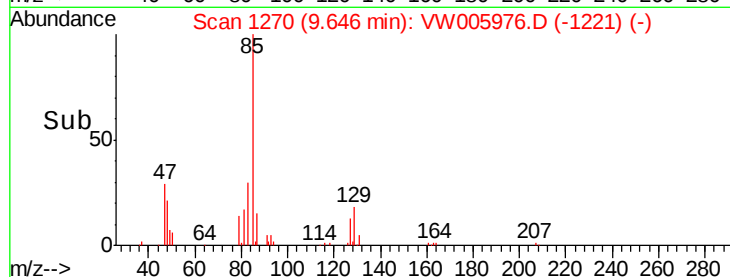
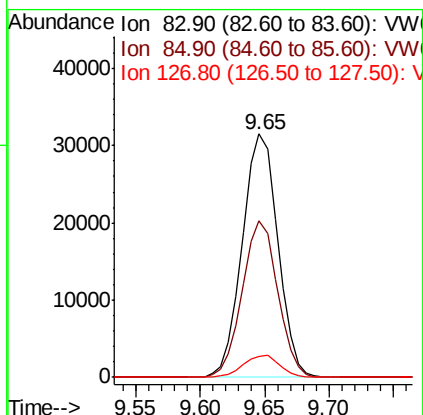
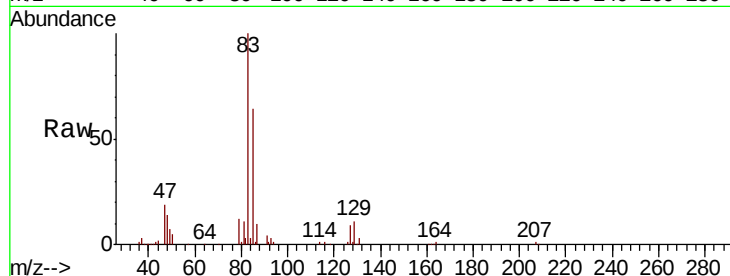
ClientSampleId :

VW1010SBSD02

Tot Ion:	83	Resp:	60212
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.0	79.6
127	8.6	7.4	11.0

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#48

Methyl methacrylate

Concen: 18.138 ug/l

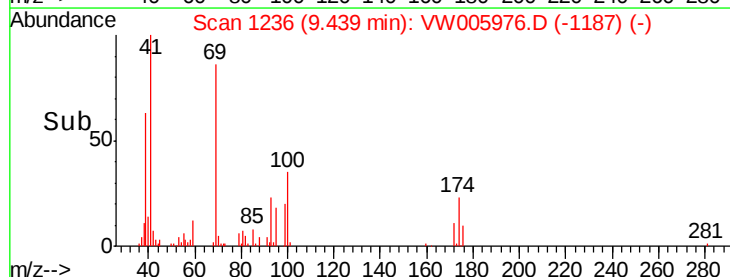
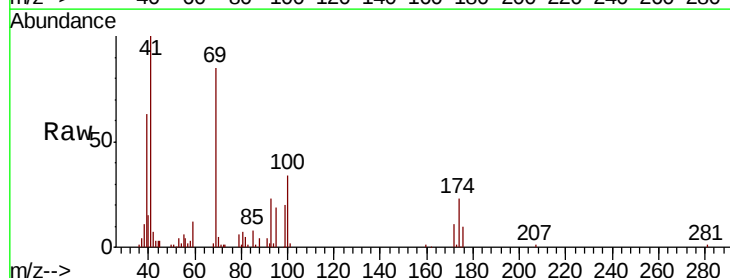
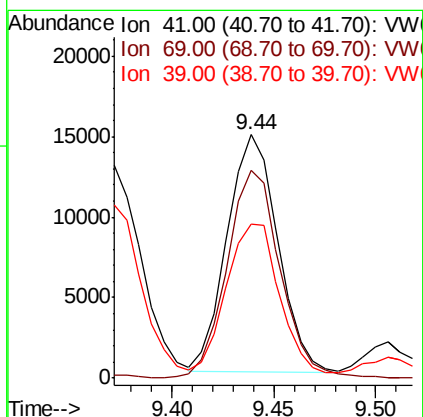
RT: 9.44 min Scan# 1236

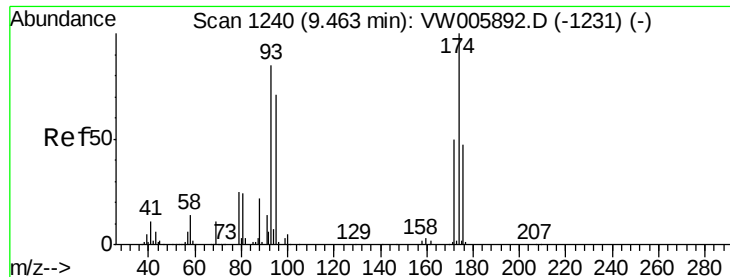
Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Tgt Ion:	41	Resp:	25269
Ion Ratio	Lower	Upper	
41	100		
69	93.1	68.7	103.1
39	69.1	50.0	75.0





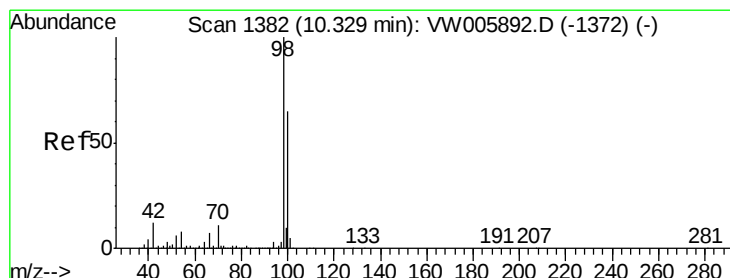
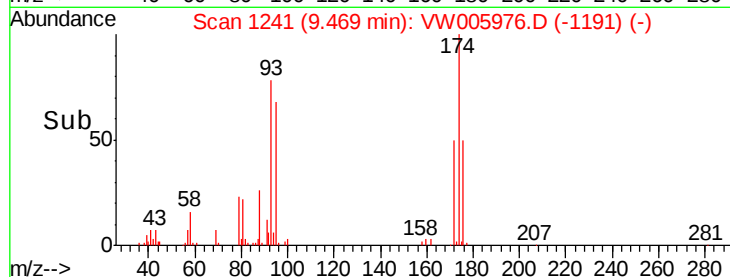
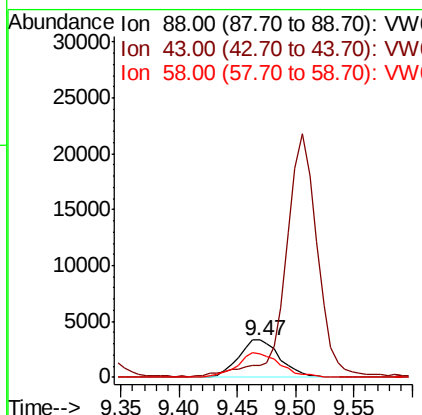
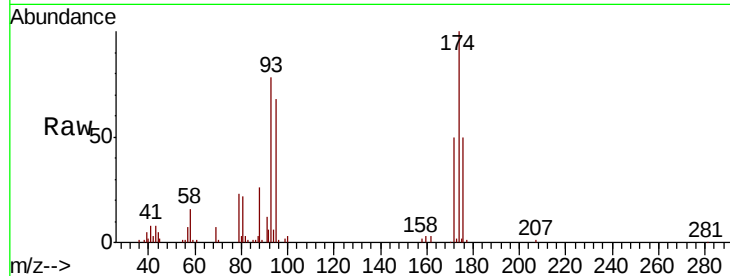
#49
1,4-Dioxane
Concen: 443.188 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.0	57.7	86.5

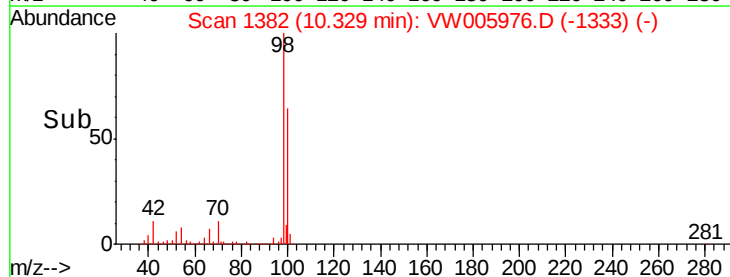
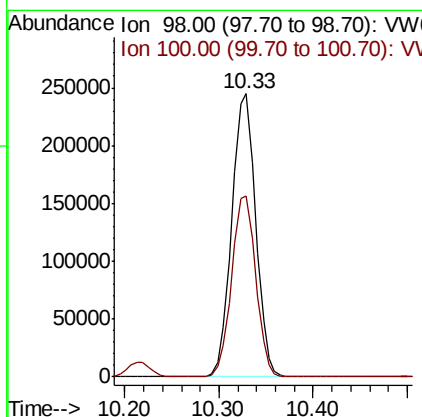
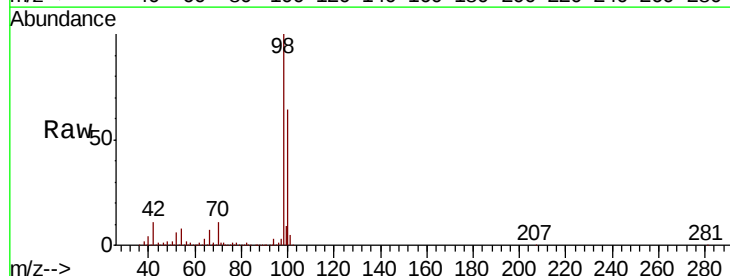
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#50
Toluene-d8
Concen: 50.992 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 96.012 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion: 43 Resp: 136734

Ion Ratio Lower Upper

43 100

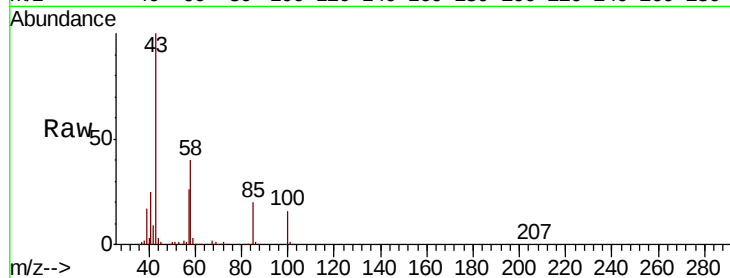
58 39.4 30.2 45.4

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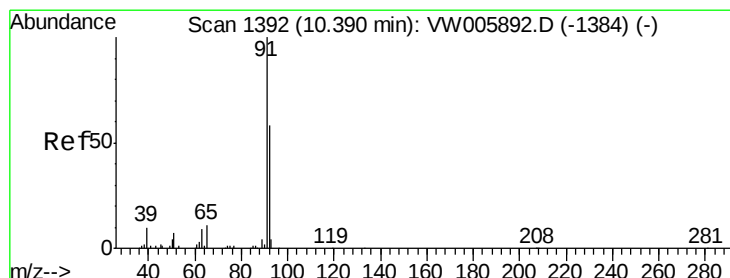
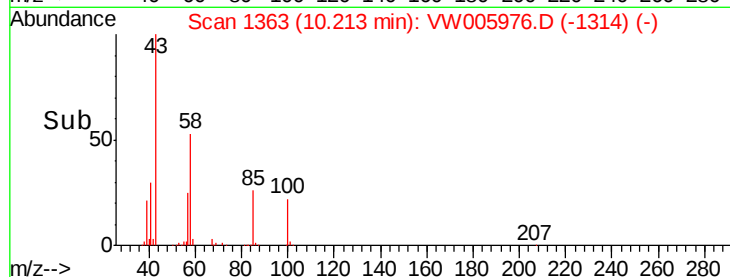
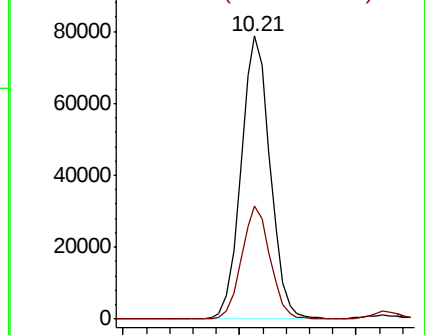
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.845 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005976.D

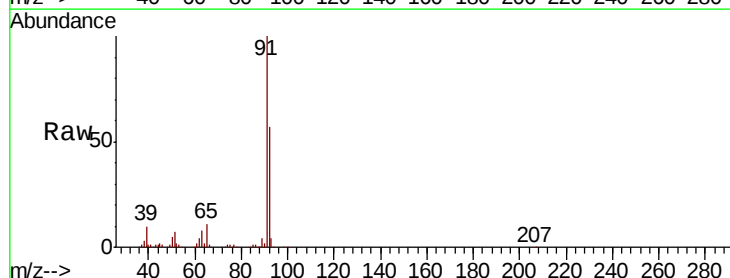
Acq: 10 Oct 2018 10:00

Tgt Ion: 92 Resp: 117965

Ion Ratio Lower Upper

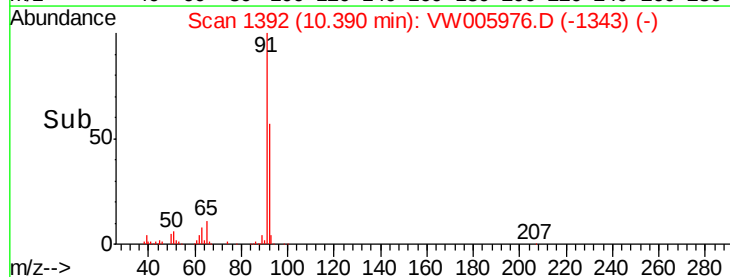
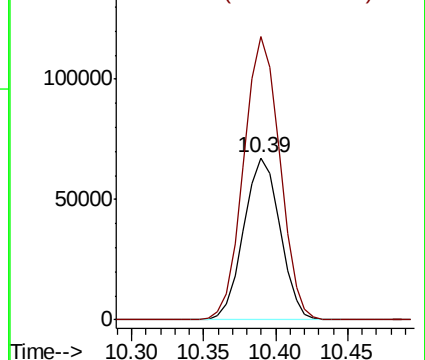
92 100

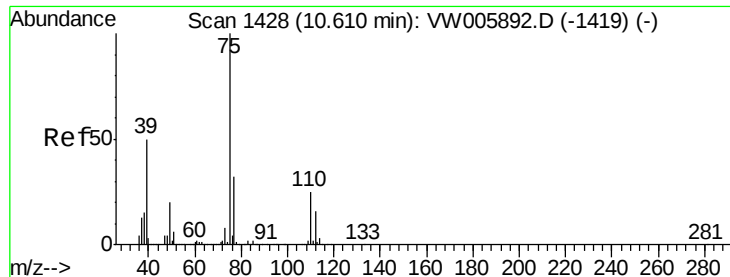
91 173.7 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





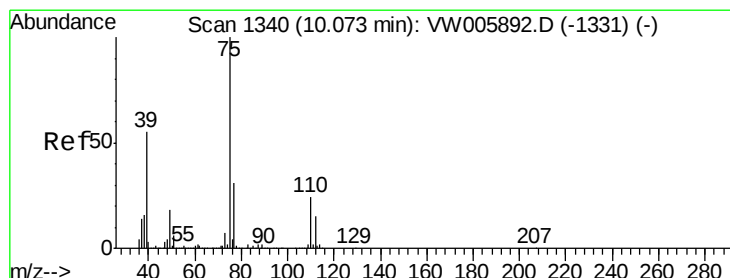
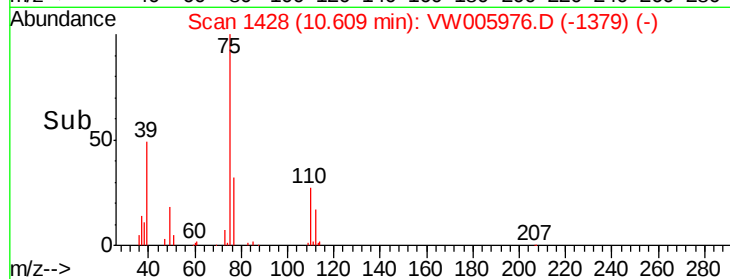
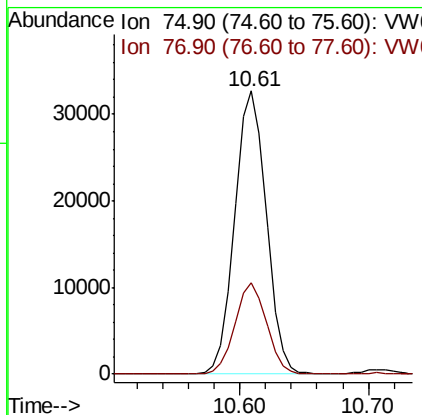
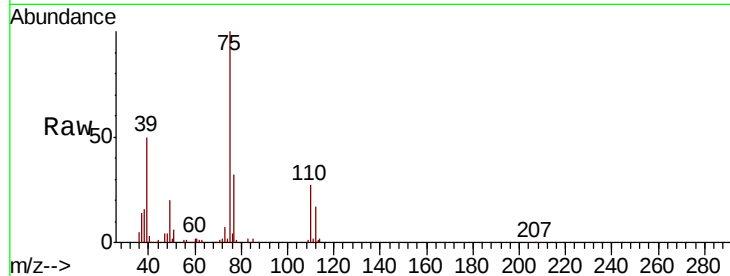
#53
 t-1,3-Dichloropropene
 Concen: 16.999 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.2

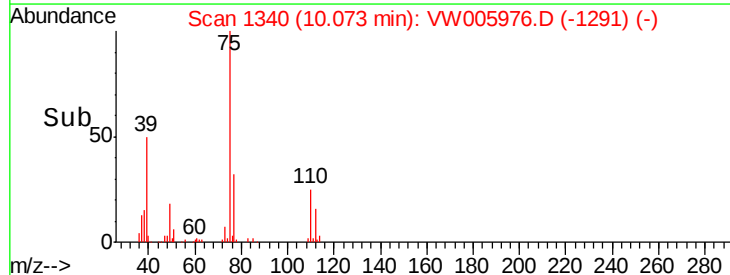
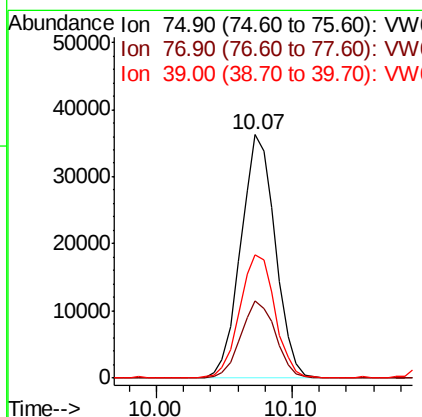
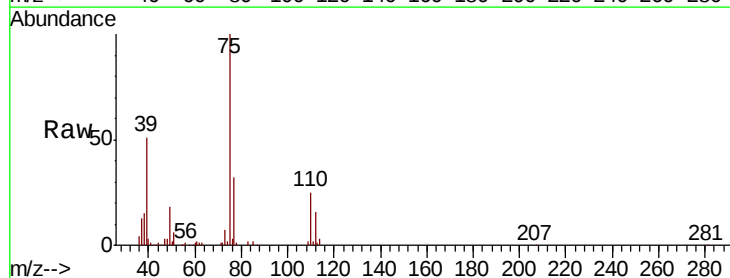
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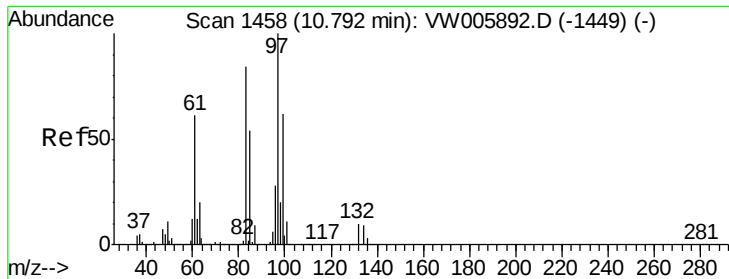
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#54
 cis-1,3-Dichloropropene
 Concen: 17.499 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	37.0
39	50.7	44.2	66.4





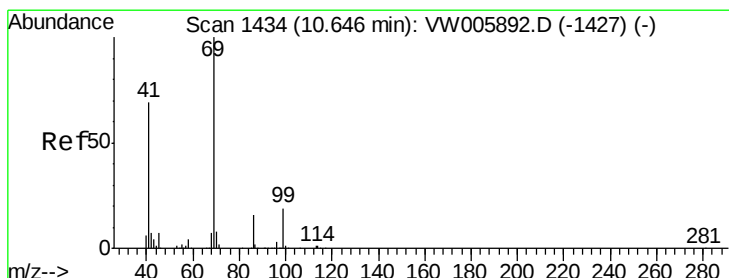
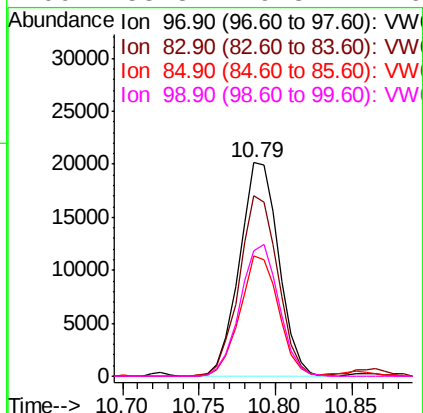
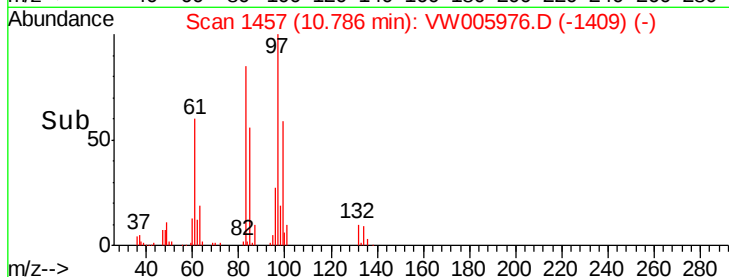
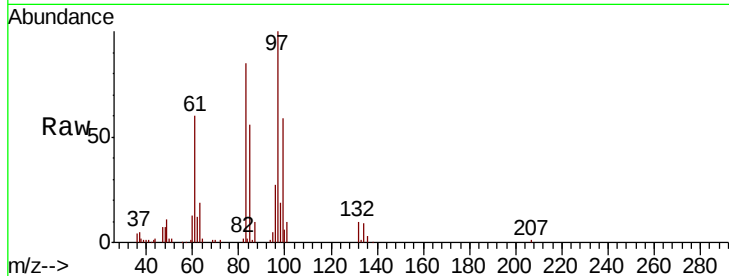
#55
 1,1,2-Trichloroethane
 Concen: 20.838 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion:	97	Resp:	35928
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.9	100.3
85	56.2	43.4	65.0
99	58.8	49.8	74.6

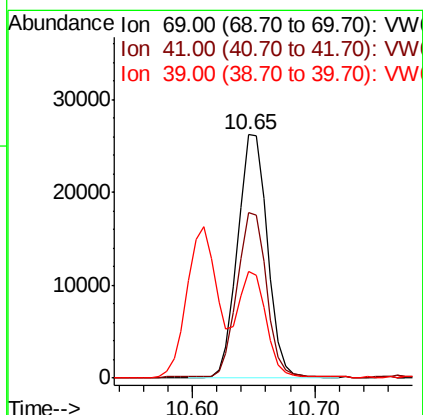
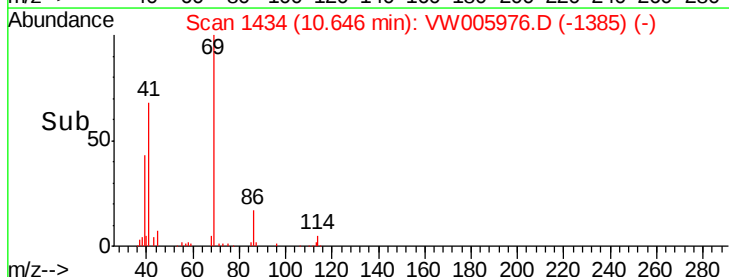
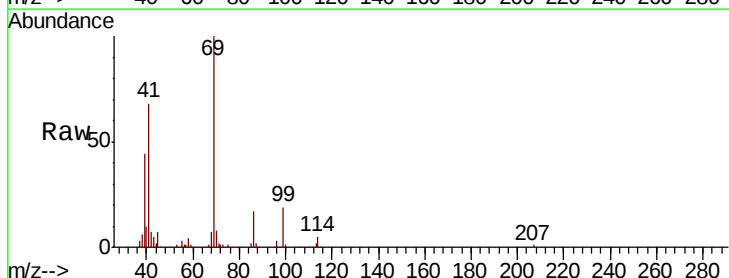
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#56
 Ethyl methacrylate
 Concen: 19.151 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion:	69	Resp:	44505
Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.0	84.0
39	41.2	33.5	50.3





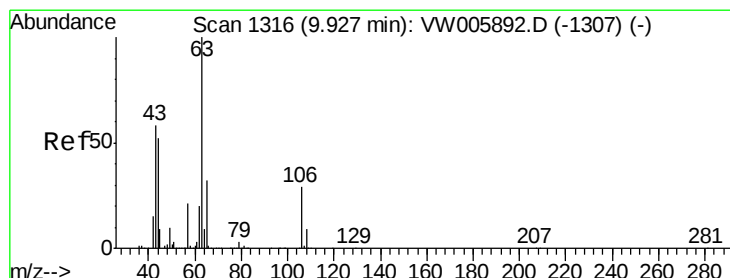
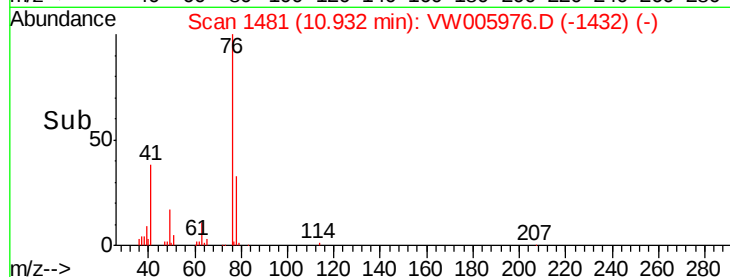
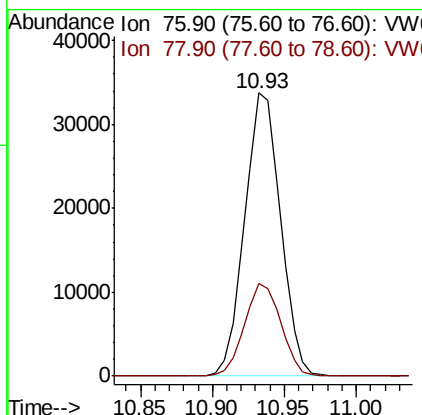
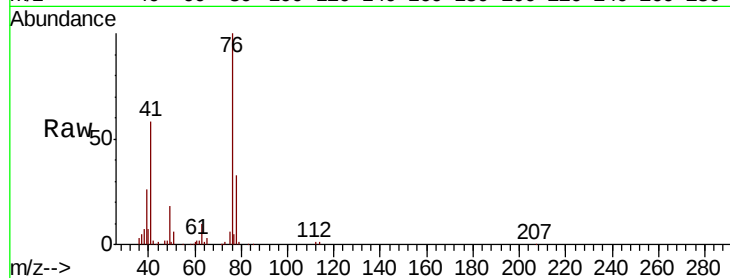
#57
 1,3-Dichloropropane
 Concen: 20.045 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	76	Resp	58143
Ion Ratio	Lower	Upper	
76	100		
78	33.2	25.8	38.6

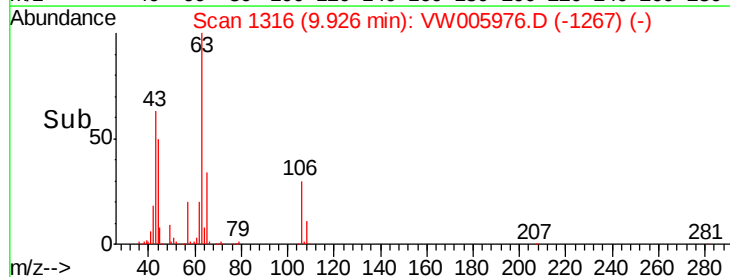
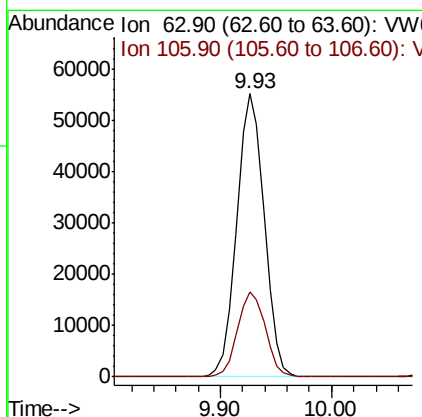
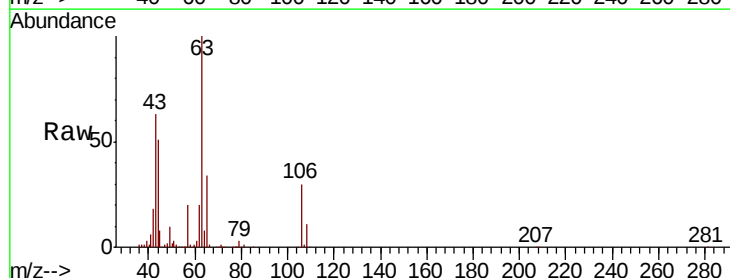
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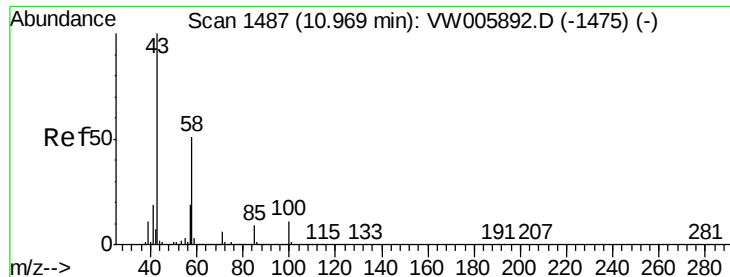
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.577 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	63	Resp	94156
Ion Ratio	Lower	Upper	
63	100		
106	30.3	23.6	35.4





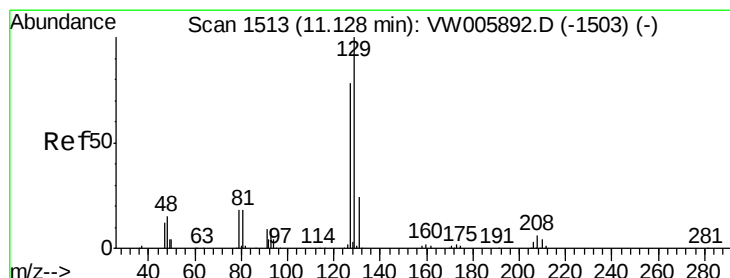
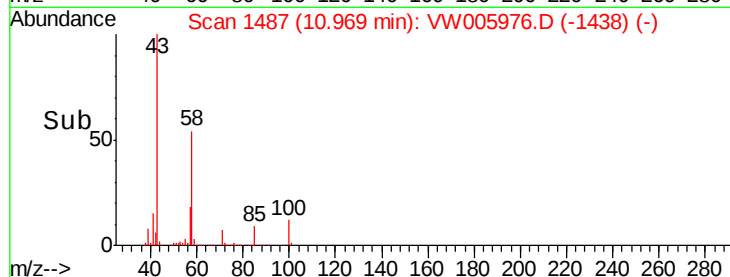
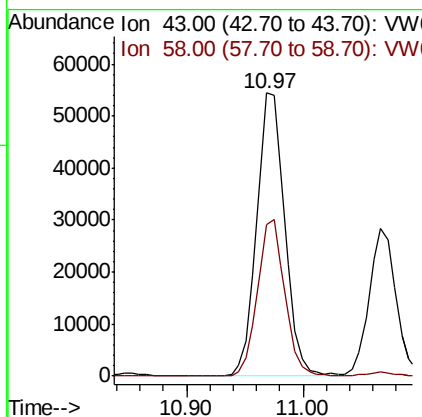
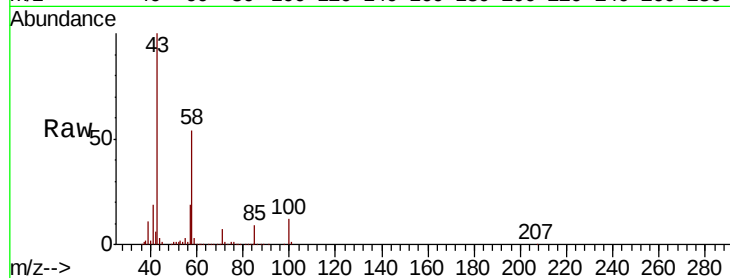
#59
2-Hexanone
Concen: 89.562 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion: 43 Resp: 91454
Ion Ratio Lower Upper
43 100
58 54.1 25.7 77.1

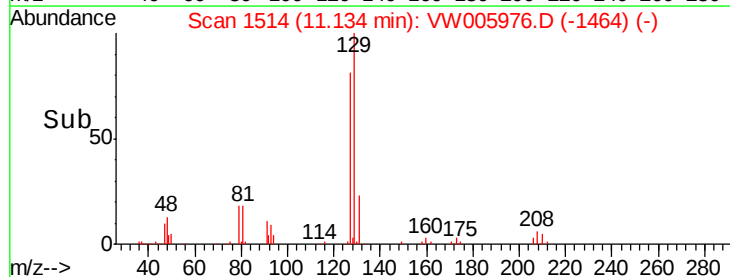
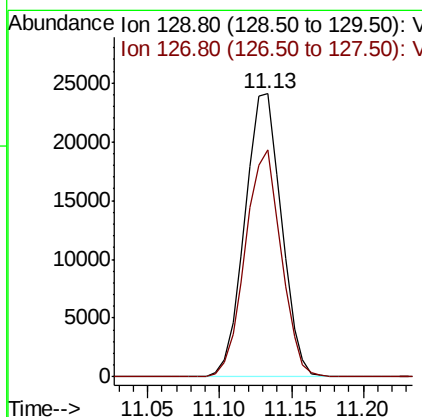
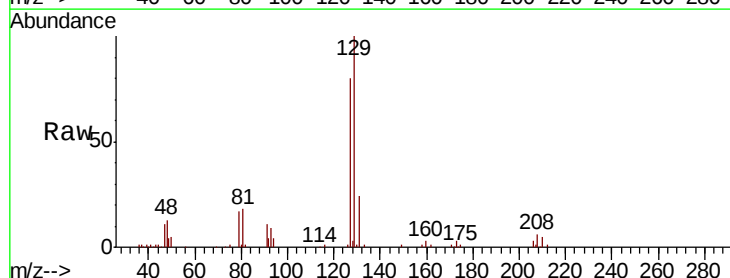
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#60
Dibromochloromethane
Concen: 19.065 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 129 Resp: 42419
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





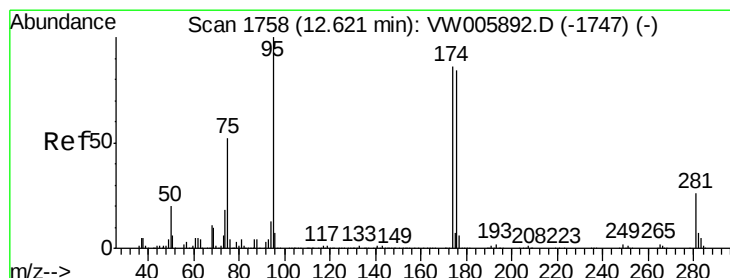
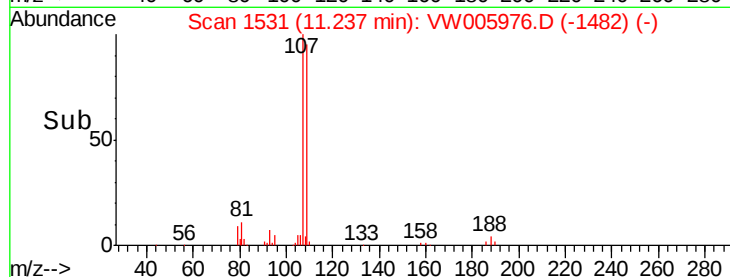
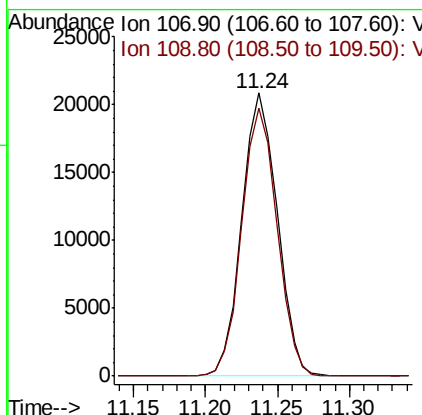
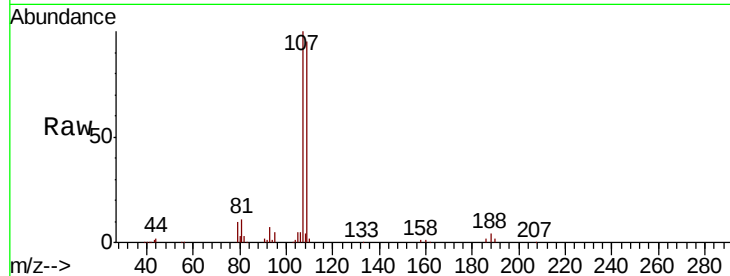
#61
 1,2-Dibromoethane
 Concen: 20.711 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.8

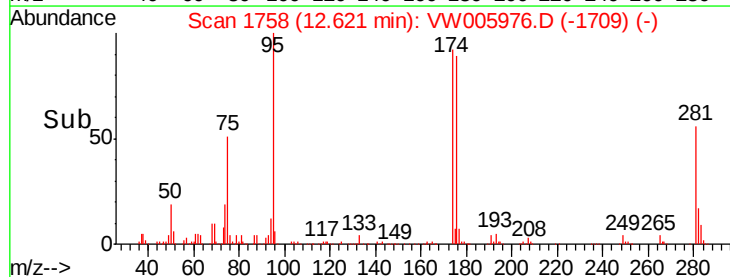
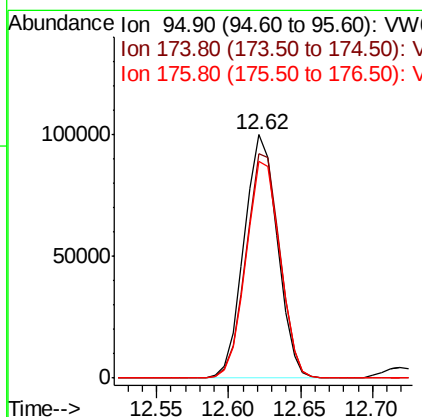
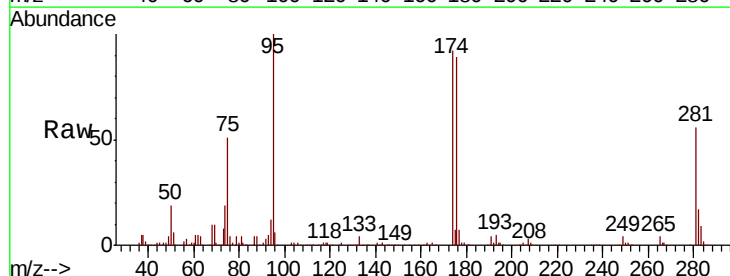
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 49.659 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	176.4
176	90.7	0.0	173.0





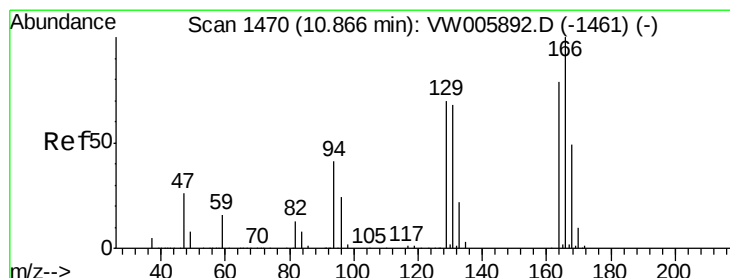
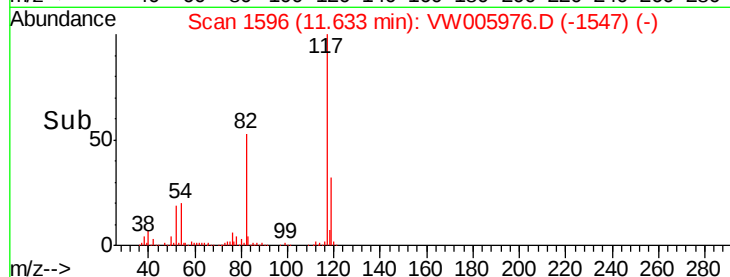
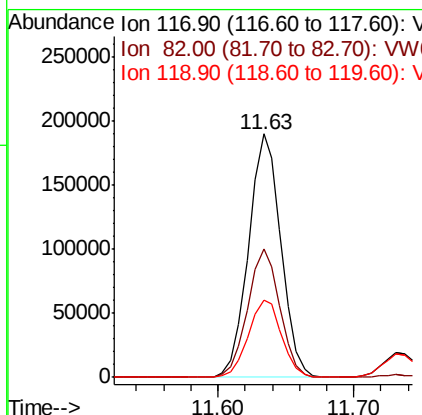
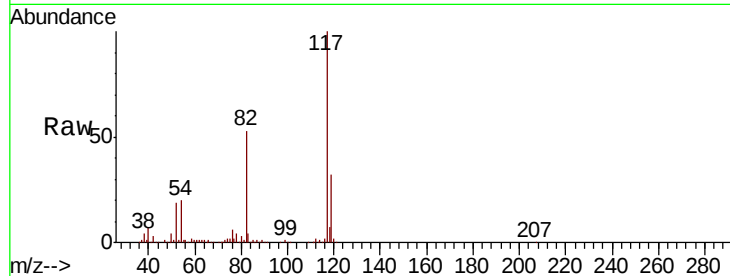
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.5	65.3
119	31.9	25.4	38.2

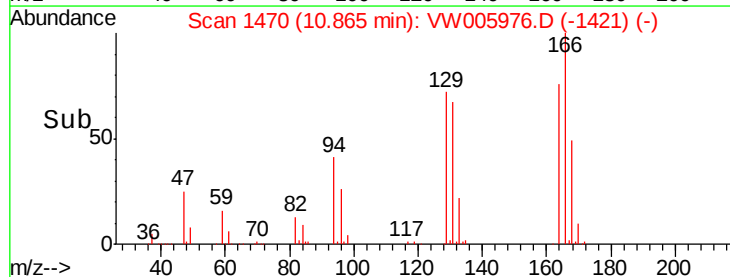
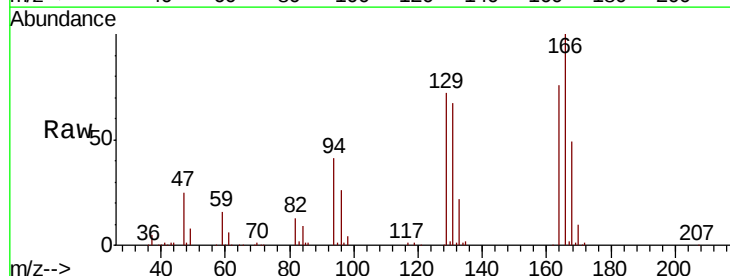
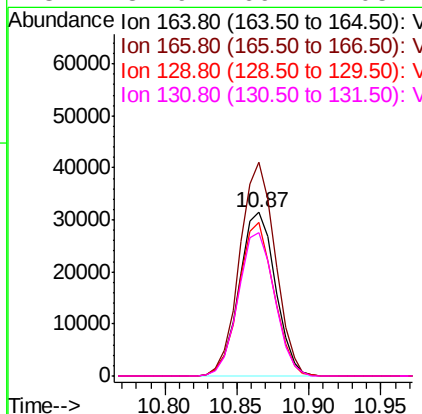
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#64
Tetrachloroethene
Concen: 23.344 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.5	152.3
129	94.4	71.1	106.7
131	87.9	69.1	103.7





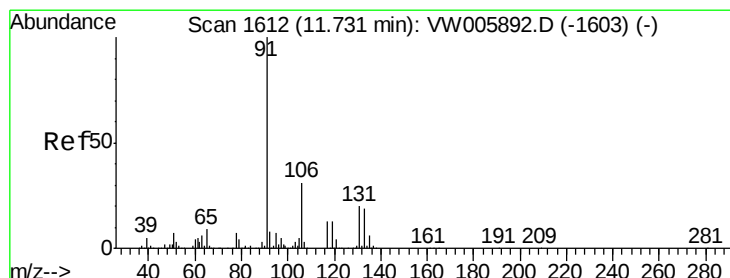
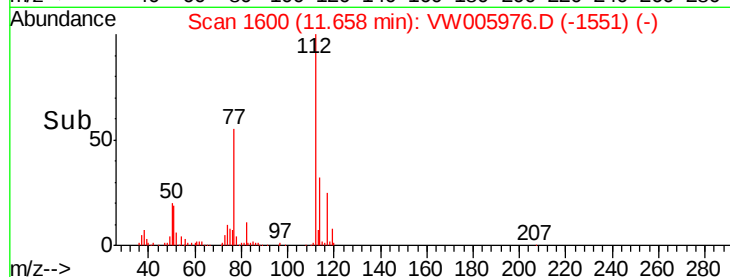
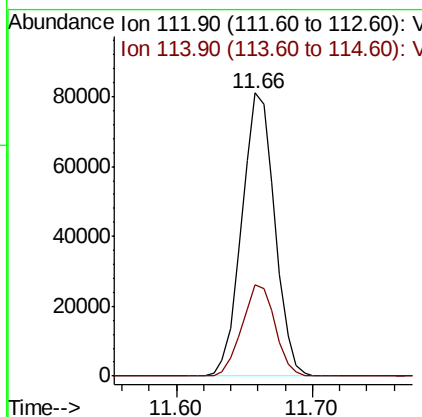
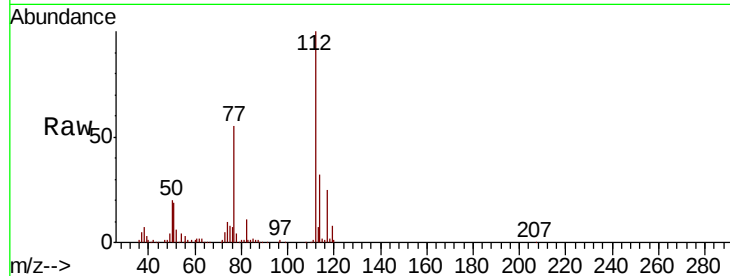
#65
Chlorobenzene
Concen: 20.307 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.6	38.4

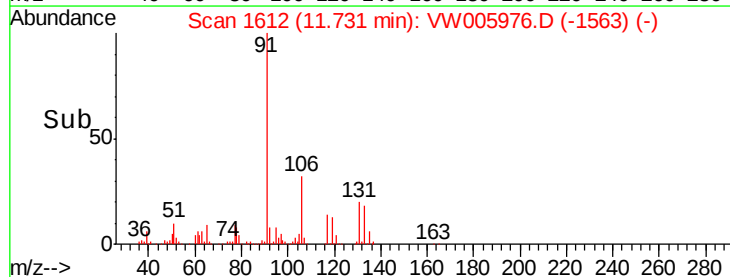
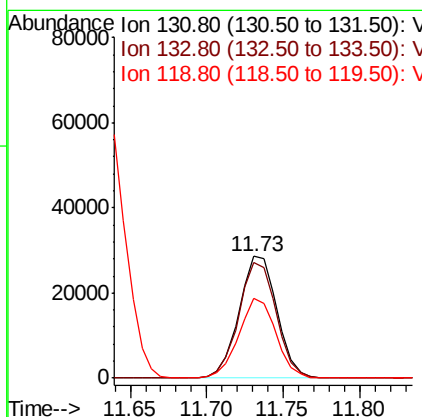
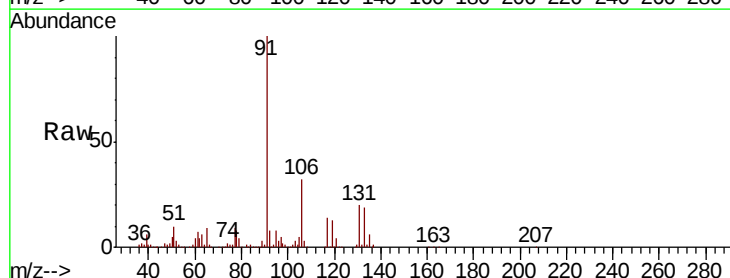
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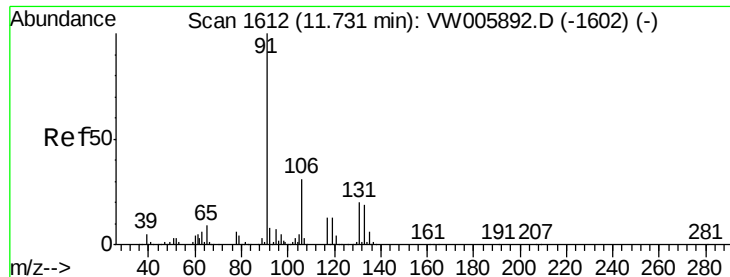
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.857 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.2	144.6
119	64.0	32.5	97.5





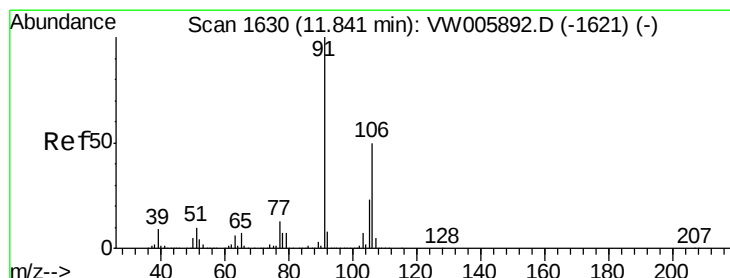
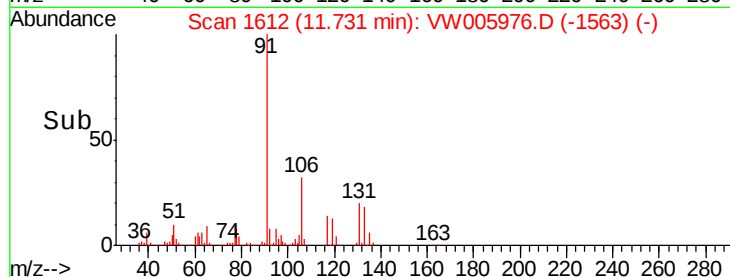
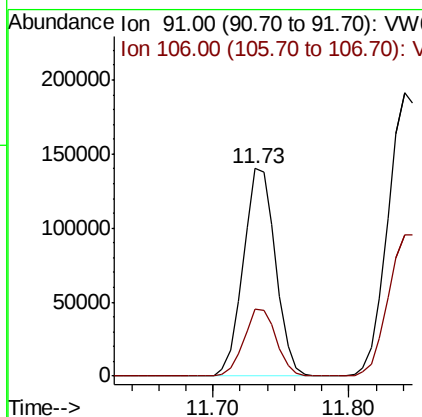
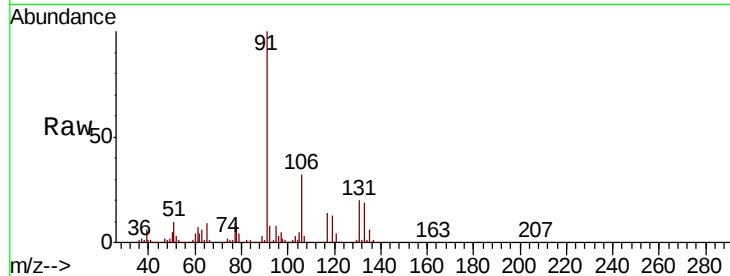
#67
Ethyl Benzene
Concen: 19.491 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.0	37.6

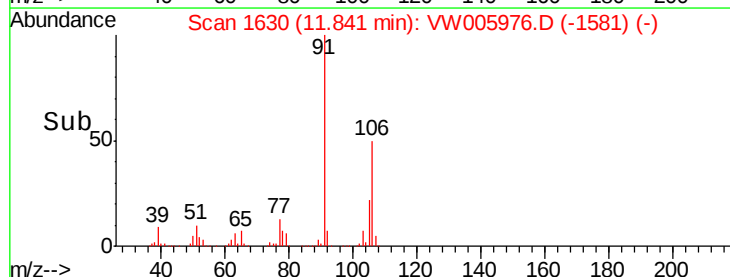
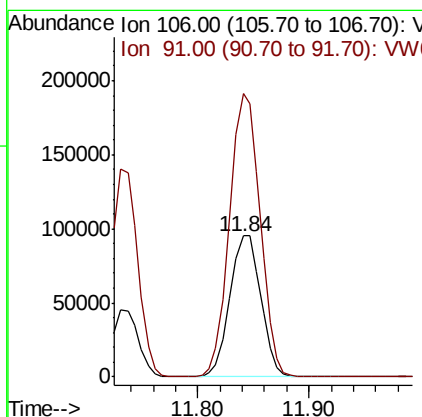
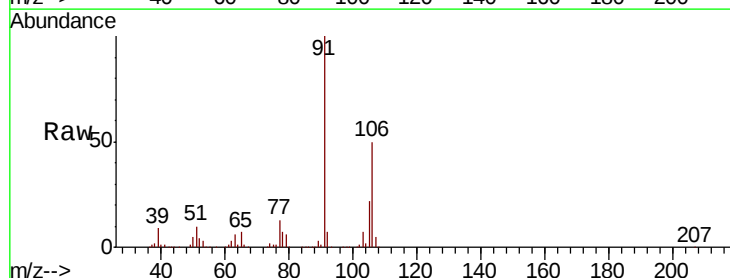
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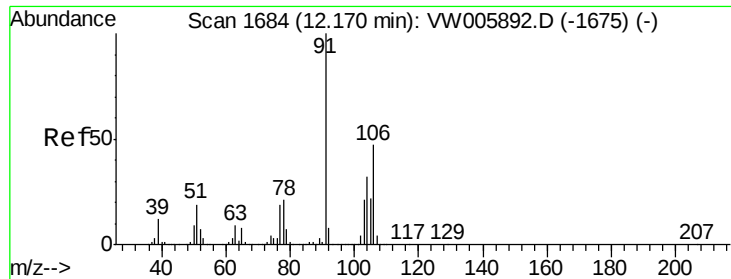
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#68
m/p-Xylenes
Concen: 39.261 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.1	160.2	240.2





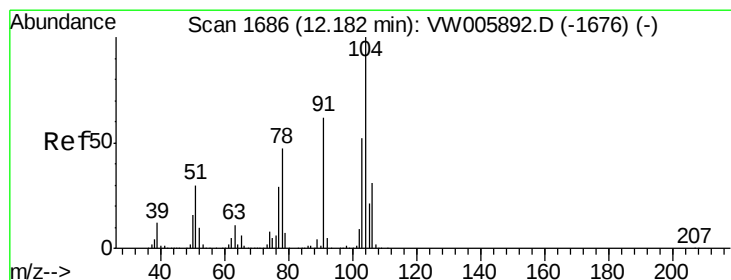
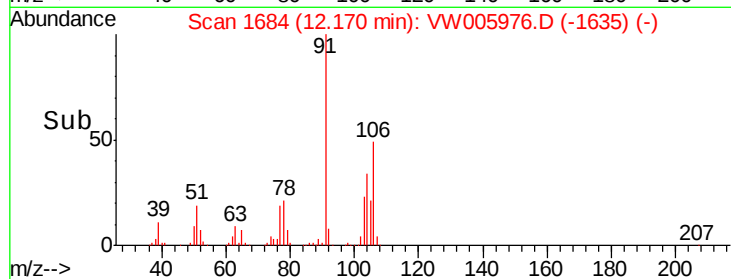
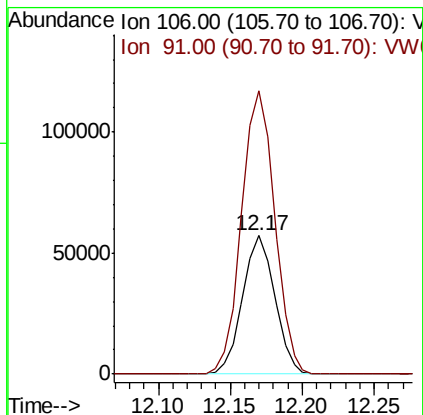
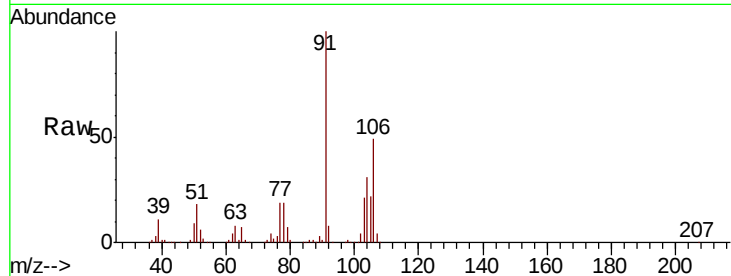
#69
o-Xylene
Concen: 19.960 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.9	106.2	318.5	

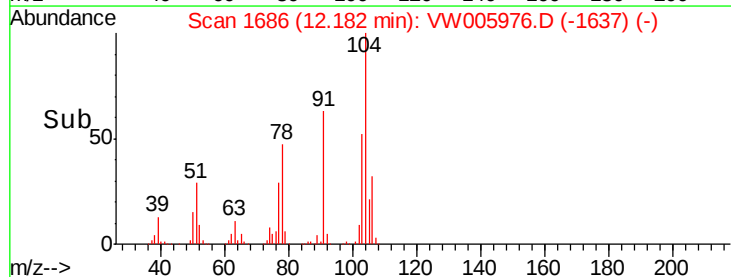
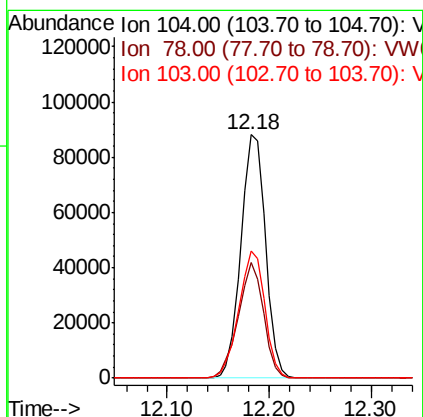
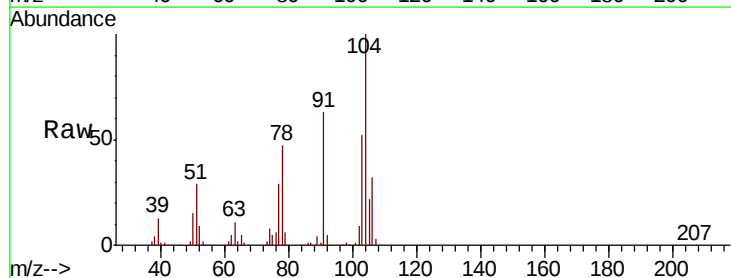
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#70
Styrene
Concen: 19.918 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.5	40.4	60.6	
103	54.9	44.2	66.2	





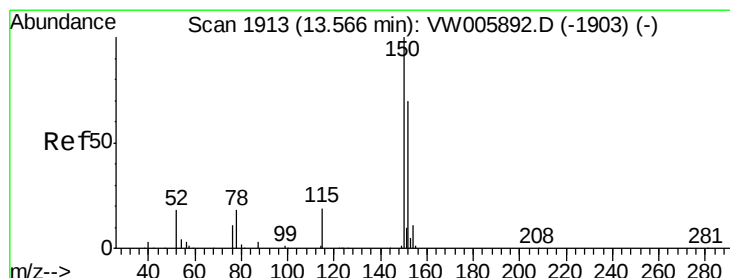
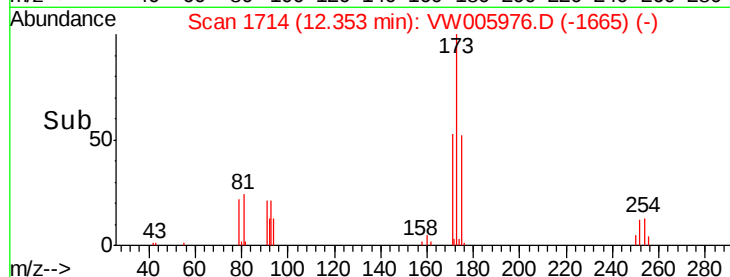
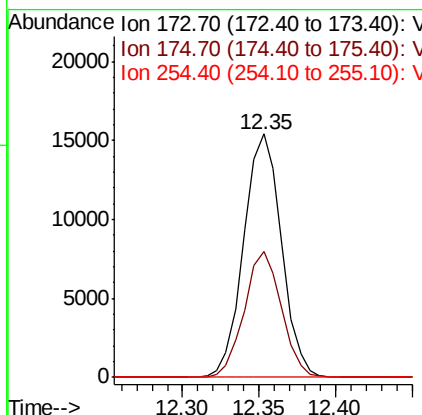
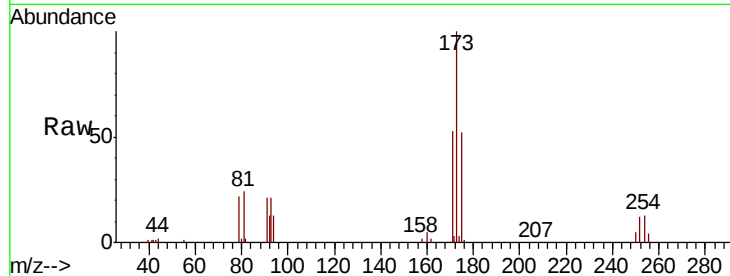
#71
Bromoform
Concen: 17.927 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.8	24.7	74.1
254	0.0	0.2	0.2#

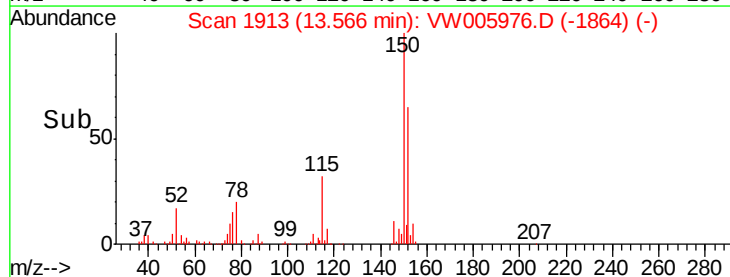
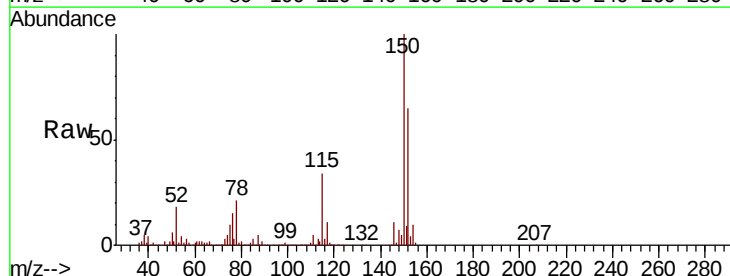
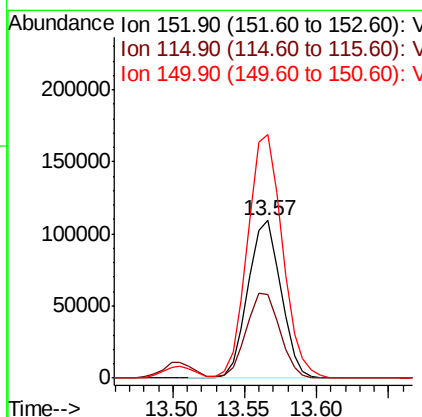
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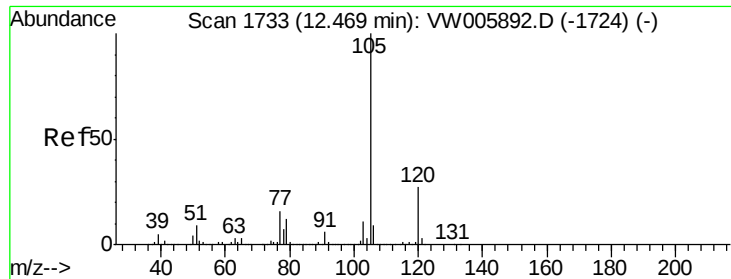
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.3	85.0
150	163.5	0.0	349.2





#73

Isopropylbenzene

Concen: 19.408 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion:105 Resp: 244569

Ion Ratio Lower Upper

105 100

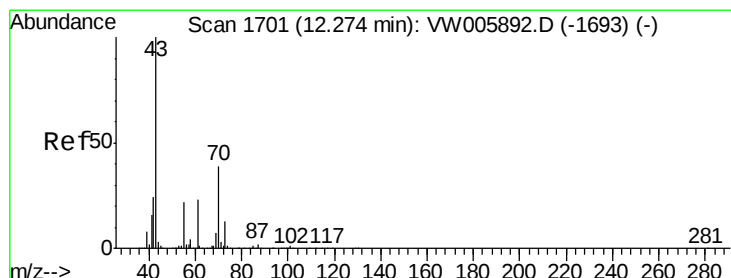
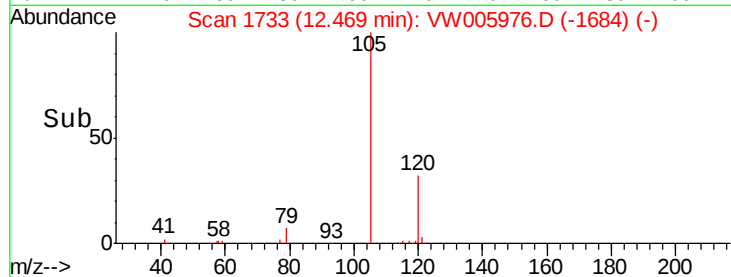
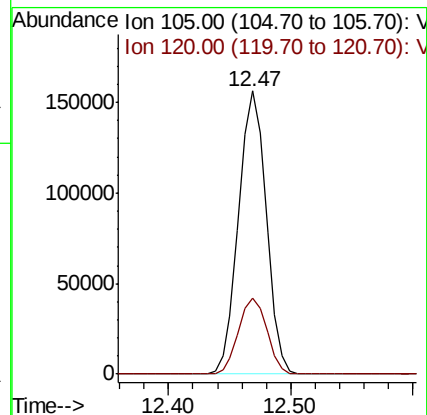
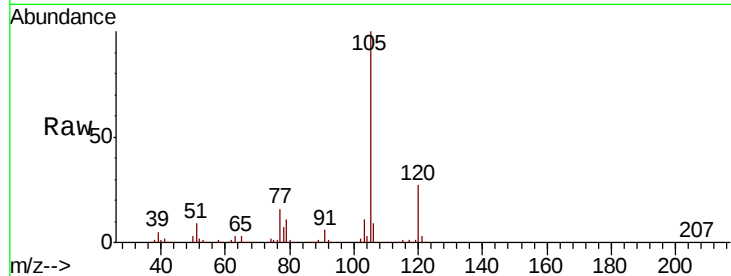
120 27.4 13.6 40.8

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#74

N-ethyl acetate

Concen: 16.589 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Tgt Ion: 43 Resp: 49648

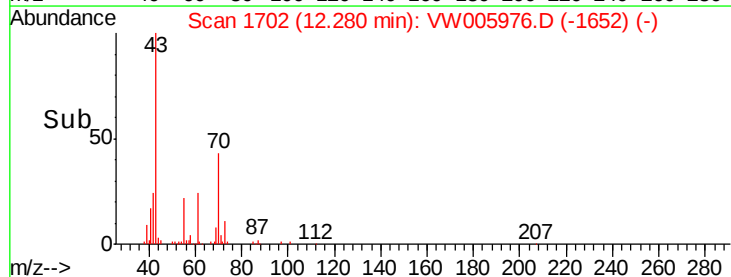
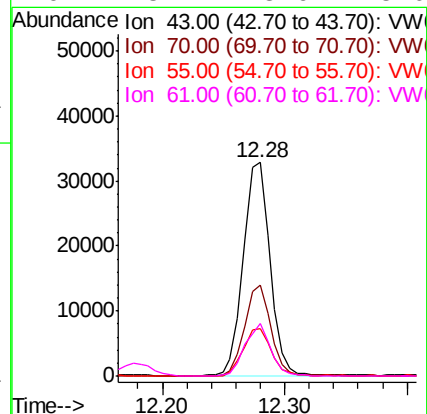
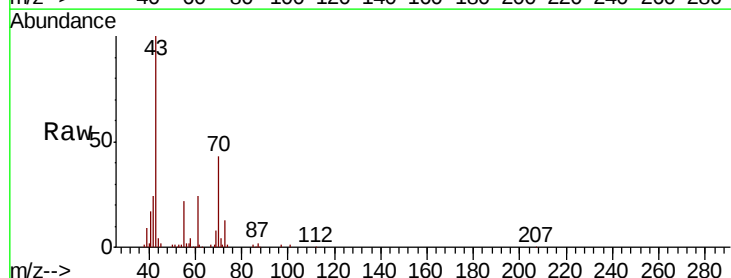
Ion Ratio Lower Upper

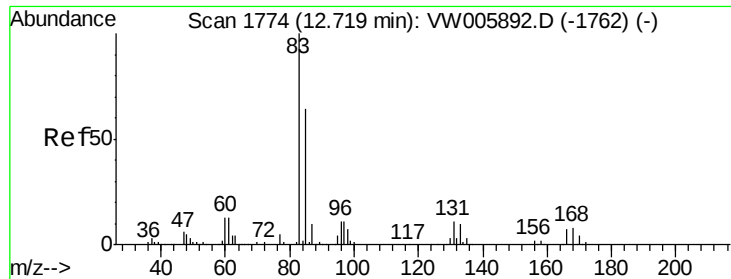
43 100

70 41.9 31.6 47.4

55 23.5 17.9 26.9

61 23.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.207 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

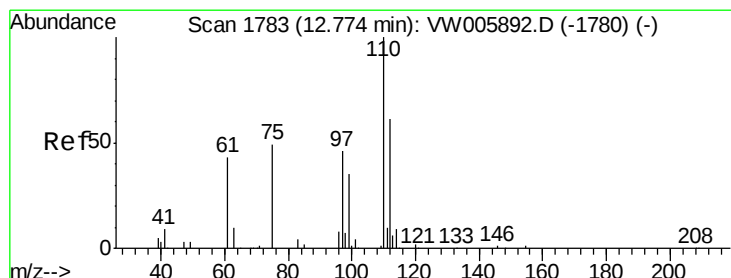
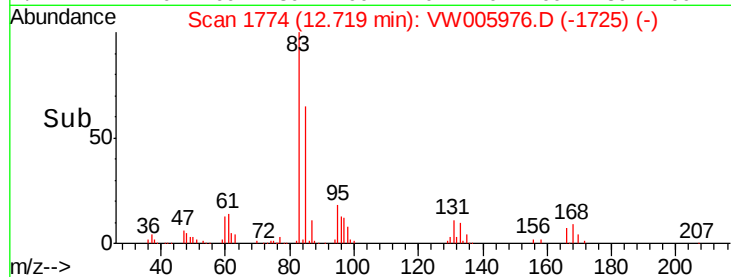
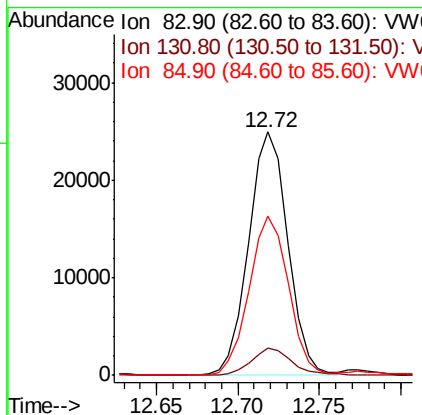
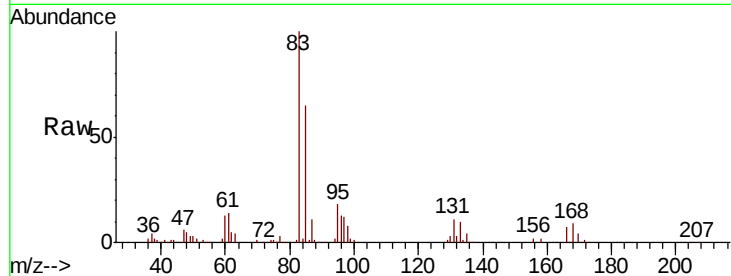
ClientSampleId :

VW1010SBSD02

Tot Ion:	83	Resp:	41737
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.3
85	65.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 20.793 ug/l m

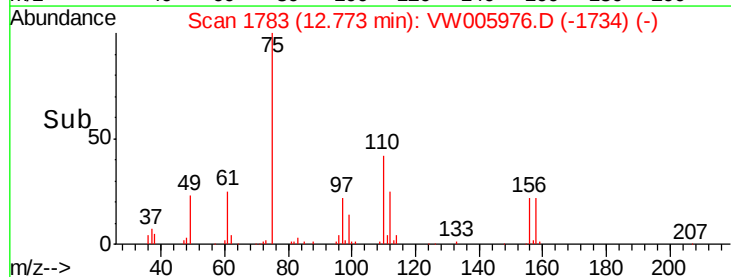
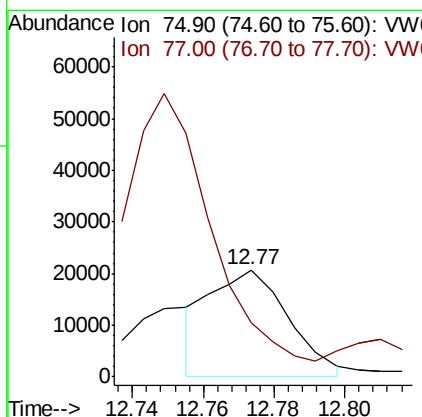
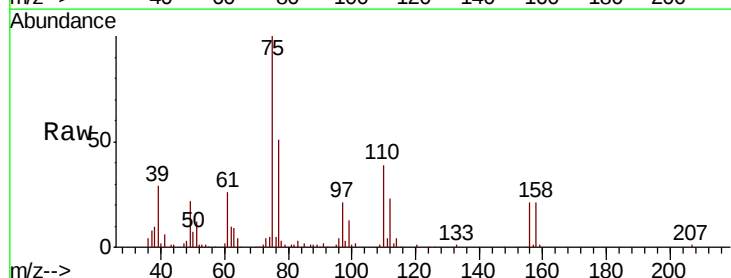
RT: 12.77 min Scan# 1783

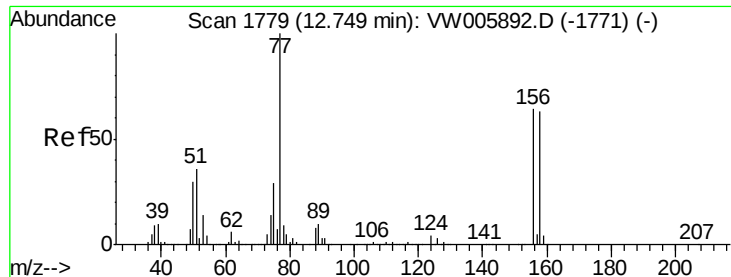
Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Tgt Ion:	75	Resp:	32049
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.549 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion:156 Resp: 61349

Ion Ratio Lower Upper

156 100

77 162.2 85.8 257.4

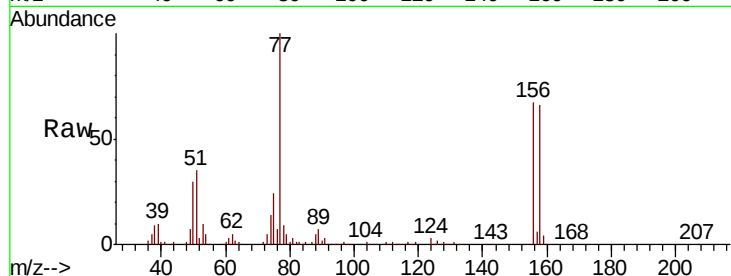
158 99.3 49.1 147.4

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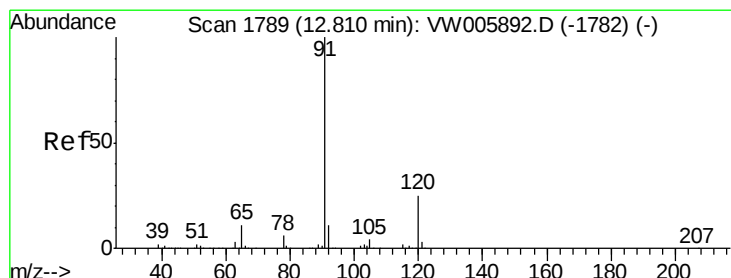
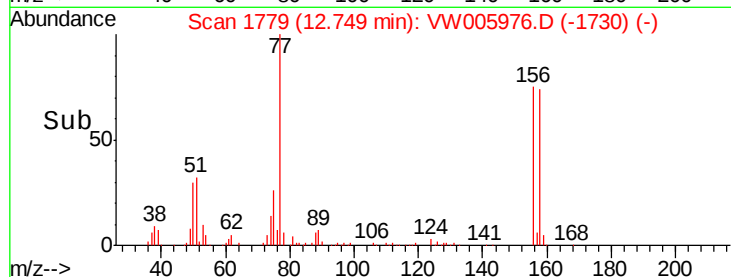
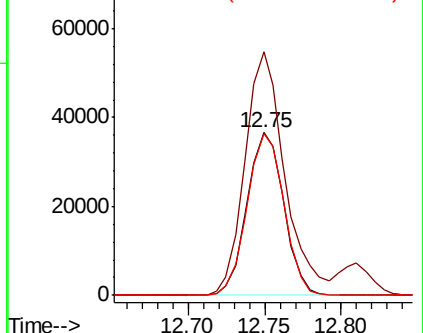
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.060 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005976.D

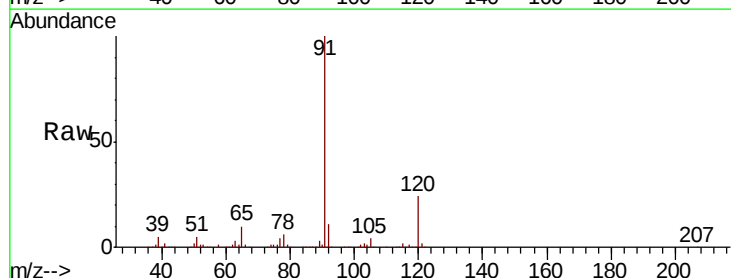
Acq: 10 Oct 2018 10:00

Tgt Ion: 91 Resp: 282544

Ion Ratio Lower Upper

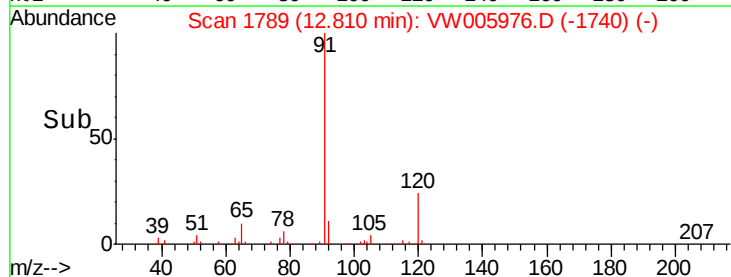
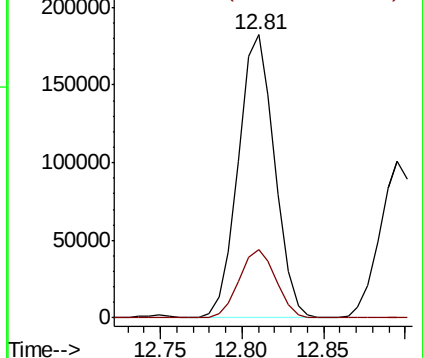
91 100

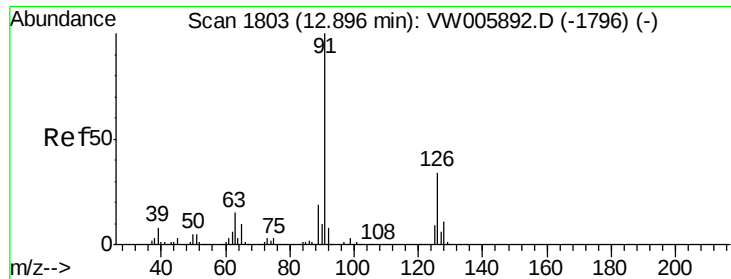
120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.402 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD02

Tot Ion: 91 Resp: 162361

Ion Ratio Lower Upper

91 100

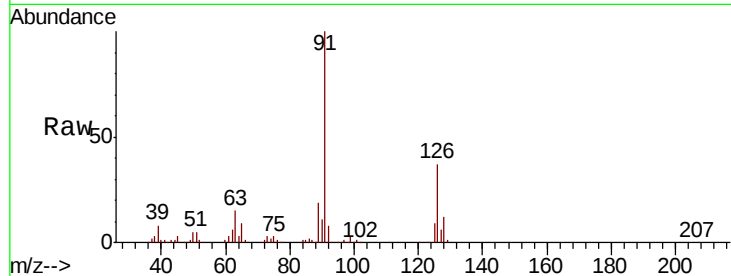
126 36.4 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

120000

100000

80000

60000

40000

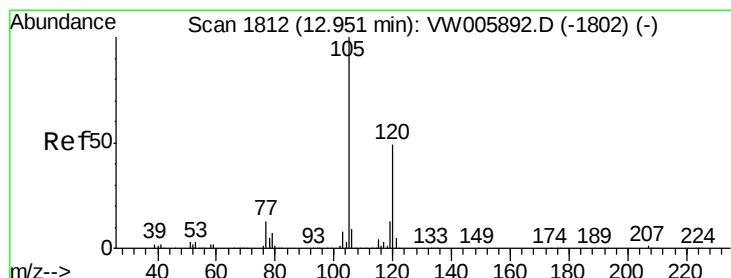
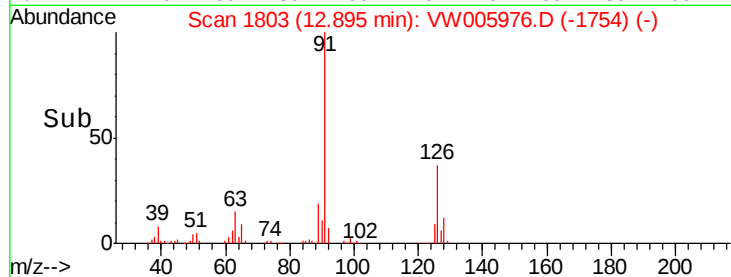
20000

0

12.85

12.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.366 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005976.D

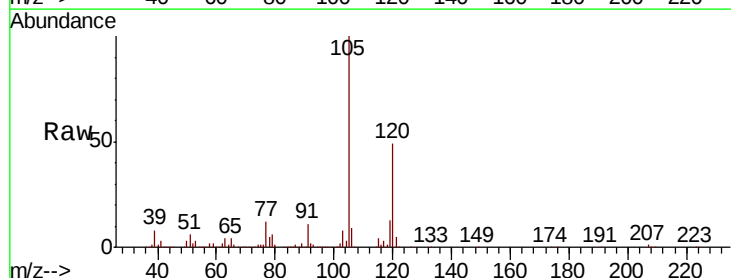
Acq: 10 Oct 2018 10:00

Tgt Ion:105 Resp: 206032

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

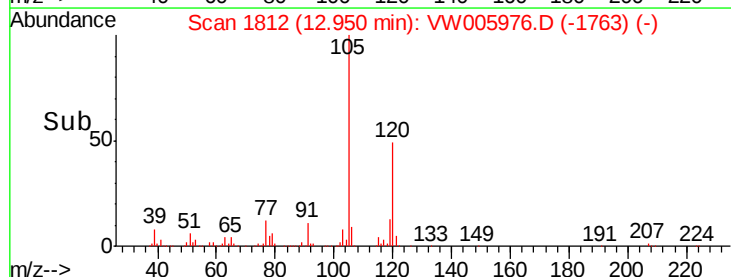
0

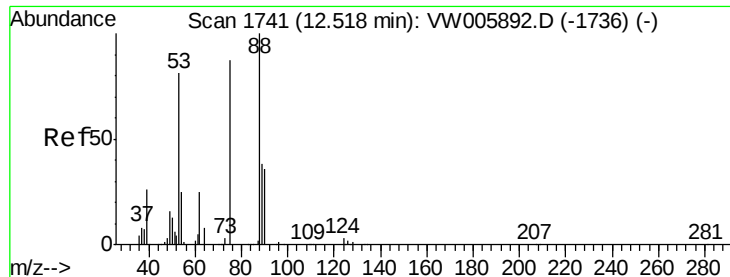
12.90

12.95

13.00

Time-->





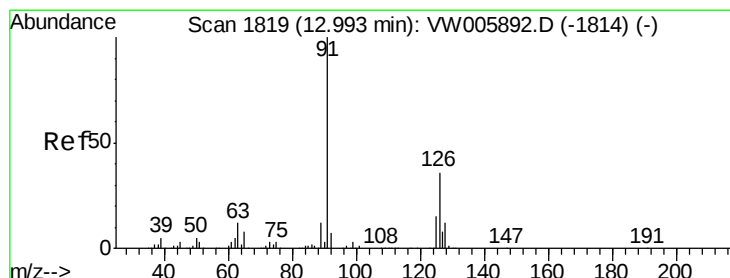
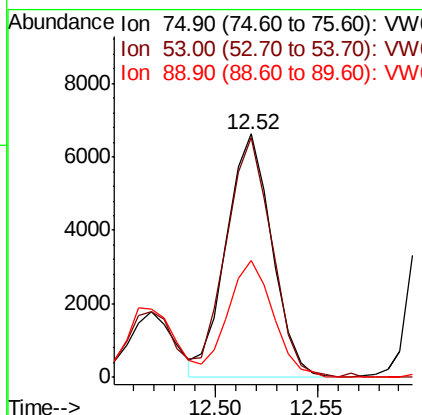
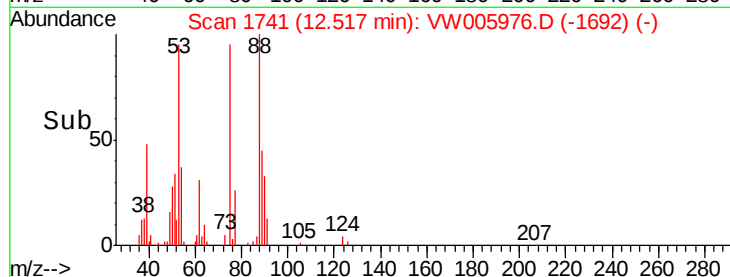
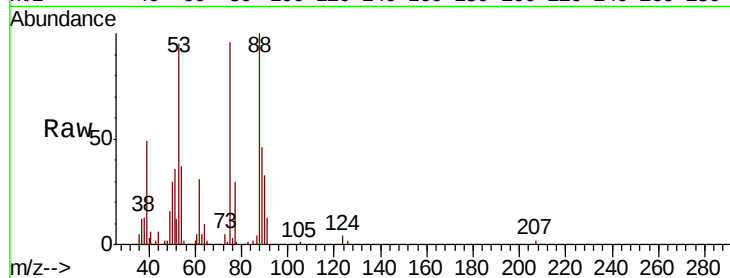
#81
trans-1,4-Dichloro-2-butene
Concen: 14.069 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.2	76.5	114.7
89	47.1	37.6	56.4

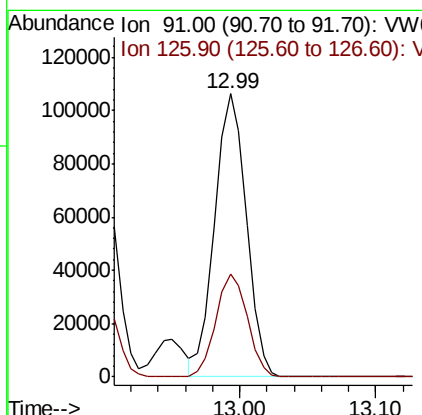
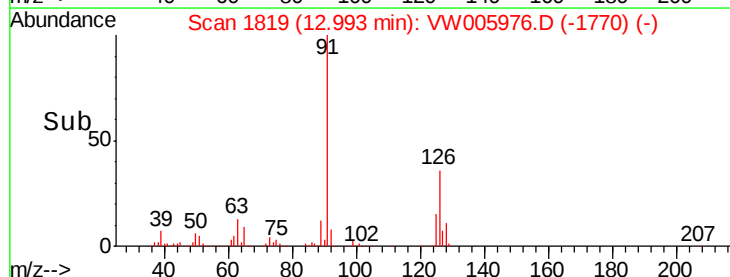
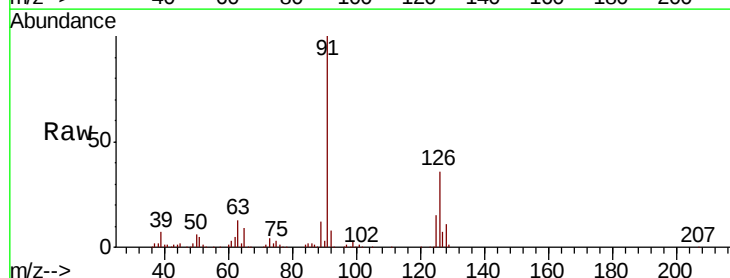
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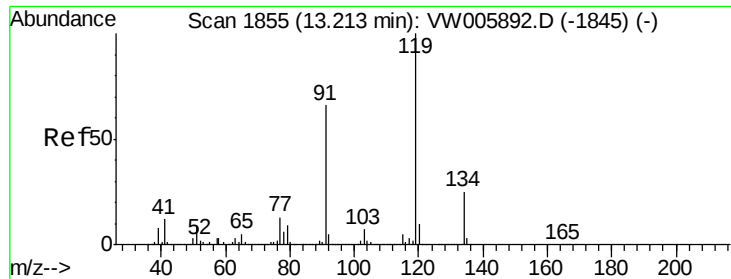
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#82
4-Chlorotoluene
Concen: 19.455 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.4	52.2





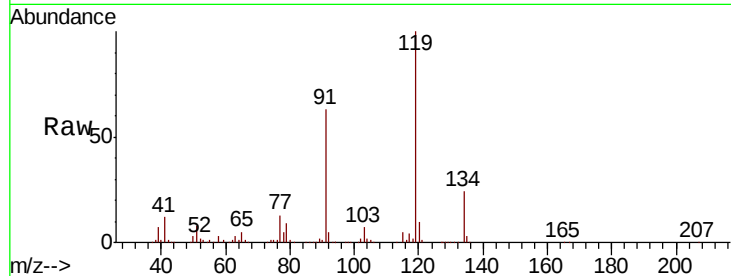
#83
tert-Butylbenzene
Concen: 19.551 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.4	97.0
134	26.5	13.2	39.6

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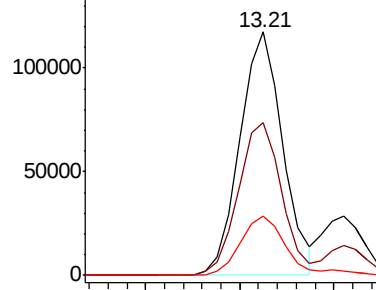


Abundance

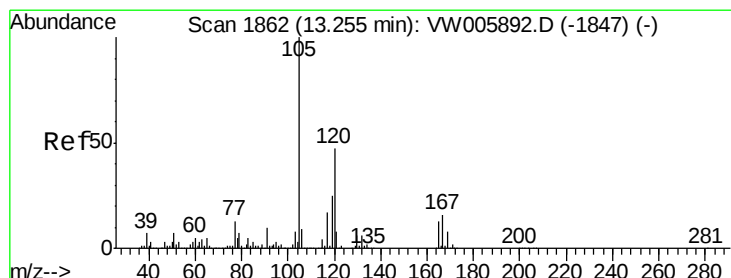
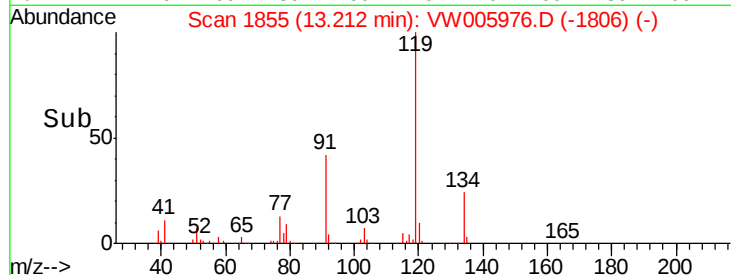
Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

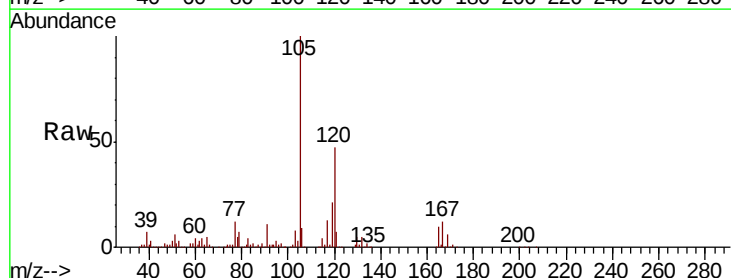


Time-->



#84
1,2,4-Trimethylbenzene
Concen: 19.625 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

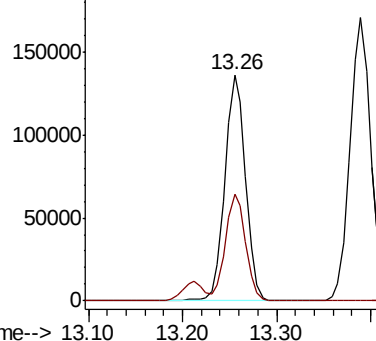
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.8	68.3



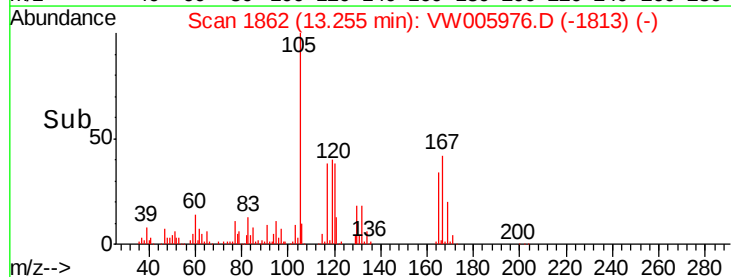
Abundance

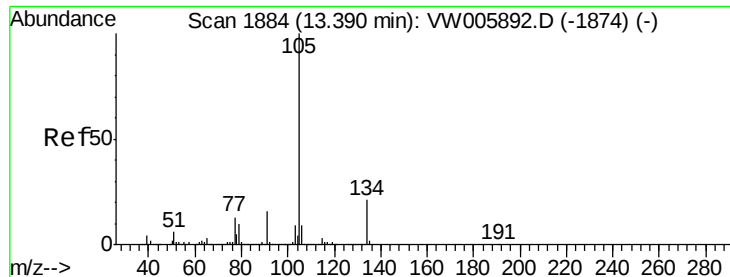
Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





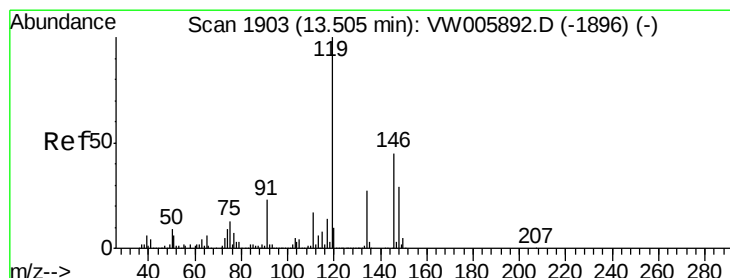
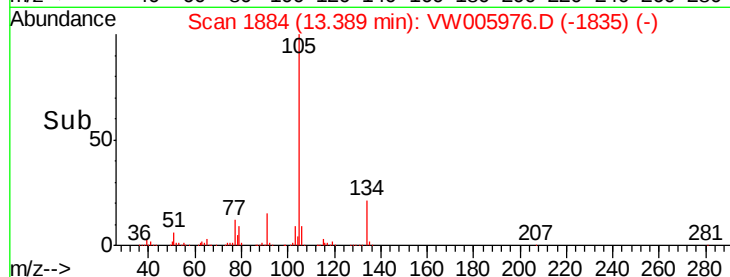
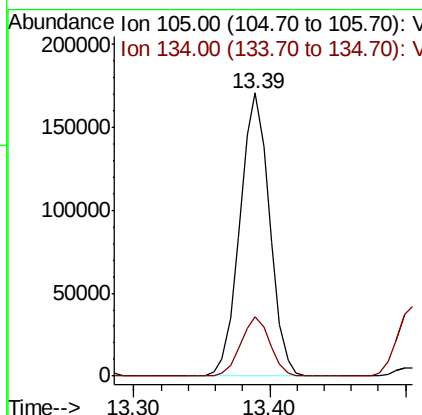
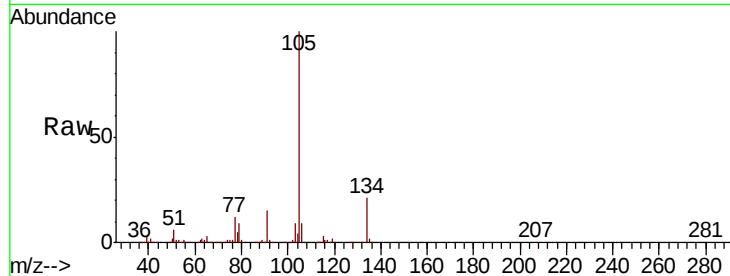
#85
 sec-Butylbenzene
 Concen: 19.523 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.4

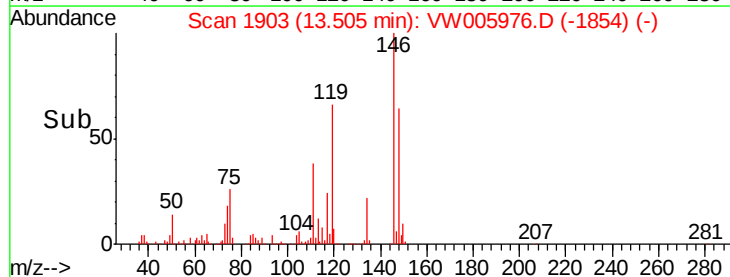
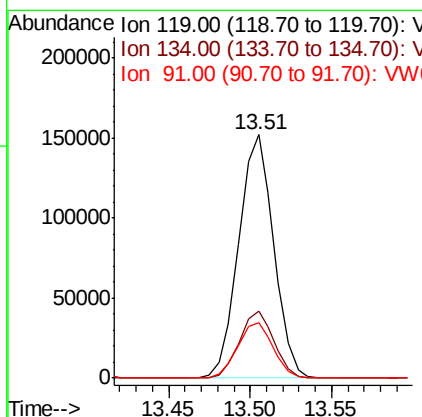
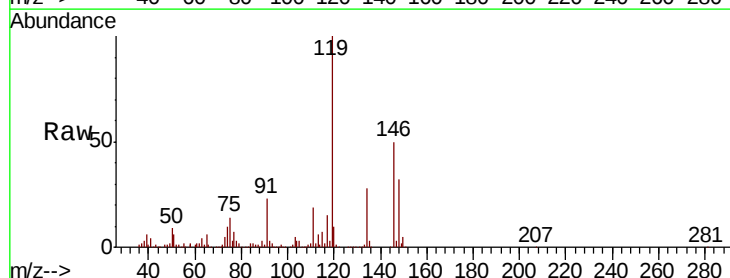
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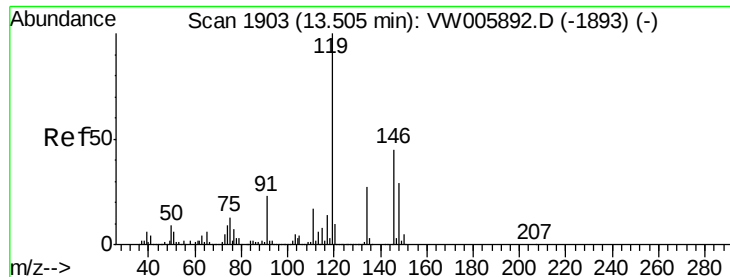
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#86
 p-Isopropyltoluene
 Concen: 18.995 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.5
91	23.3	11.9	35.5





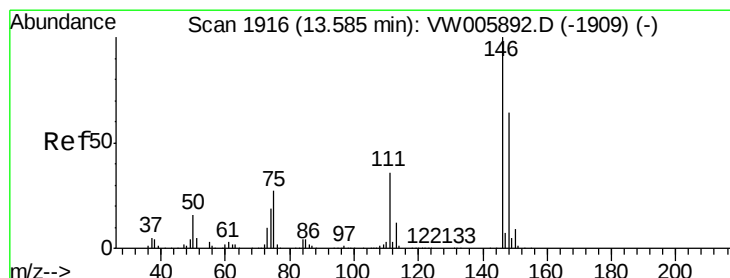
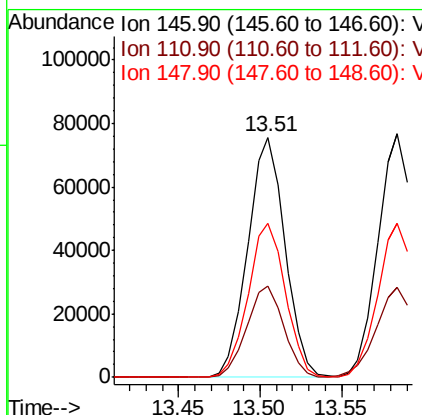
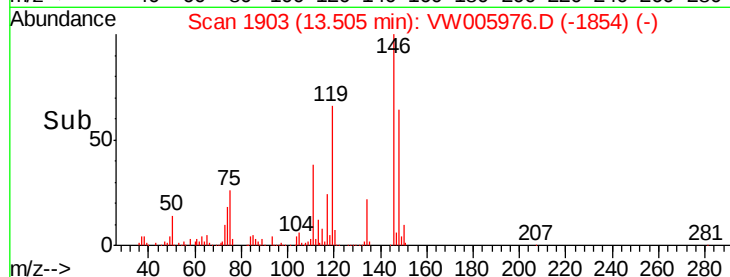
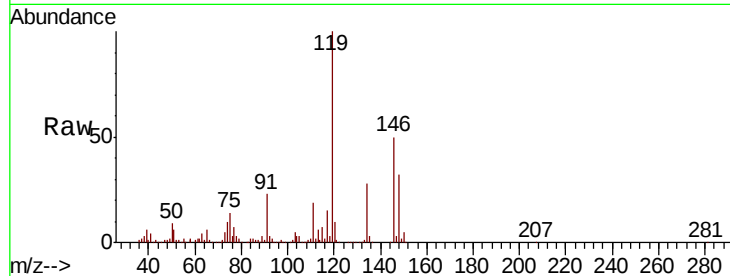
#87
 1,3-Dichlorobenzene
 Concen: 20.328 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.5	58.5
148	64.5	32.1	96.5

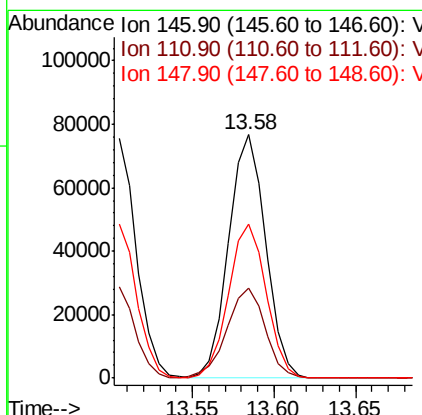
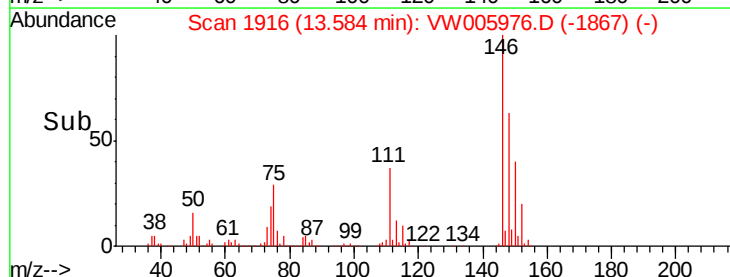
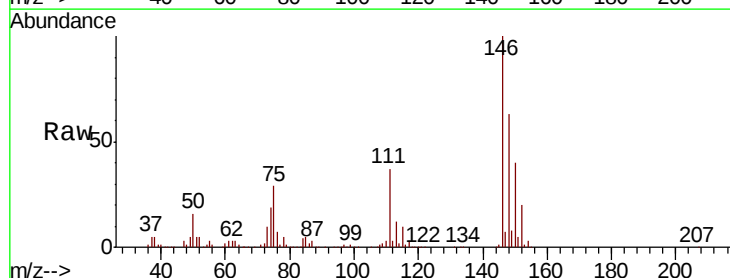
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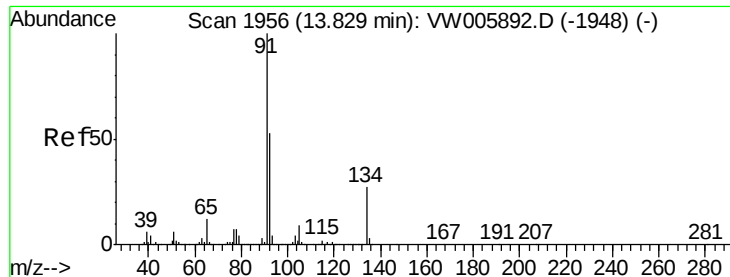
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.538 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.3	32.0	96.2





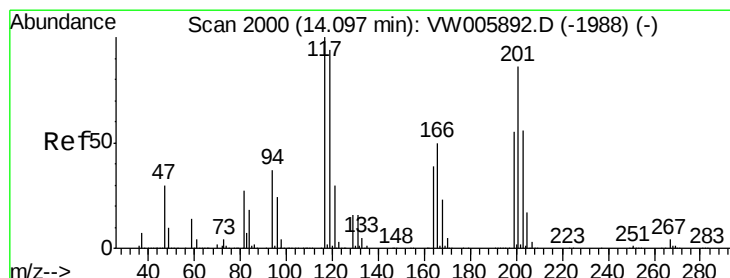
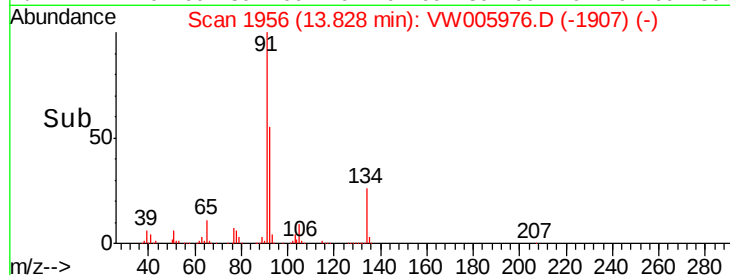
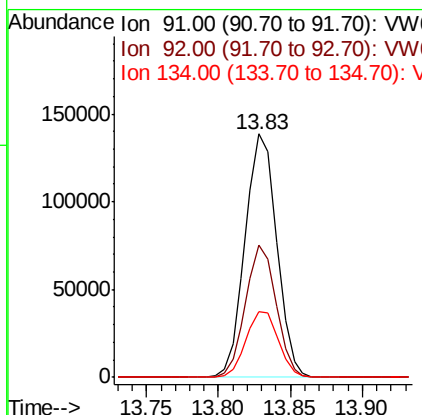
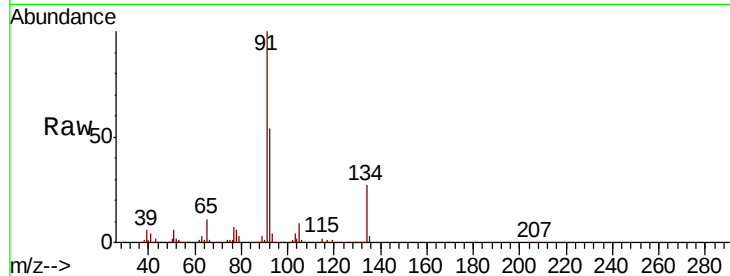
#89
n-Butylbenzene
Concen: 18.729 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.8
134	27.8	13.8	41.4

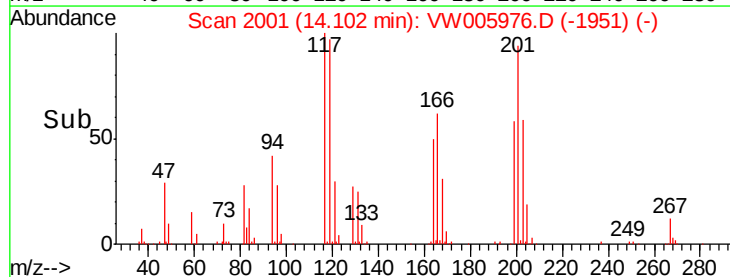
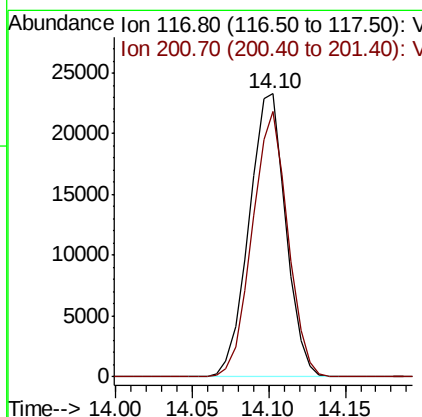
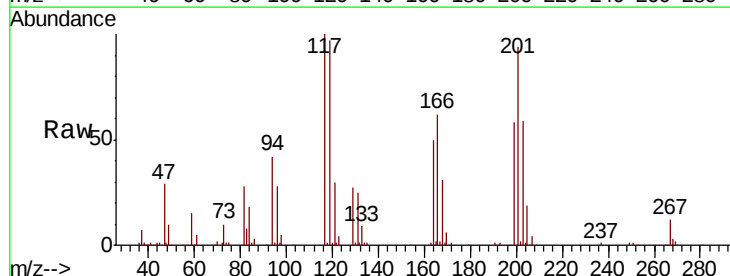
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#90
Hexachloroethane
Concen: 17.333 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW005976.D
Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	44.5	133.5





#91

1,2-Dichlorobenzene

Concen: 20.939 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

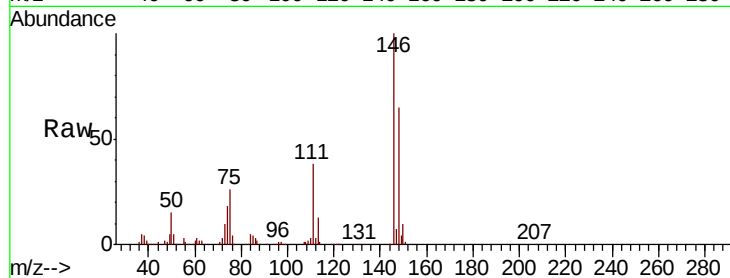
ClientSampleId :

VW1010SBSD02

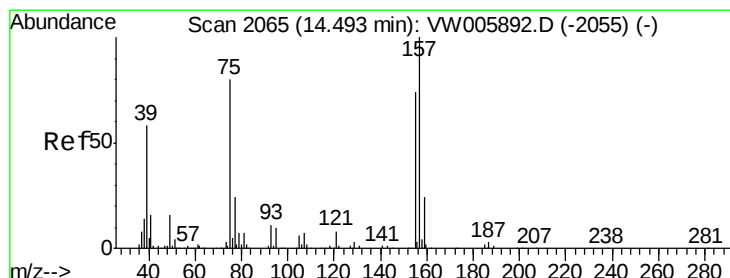
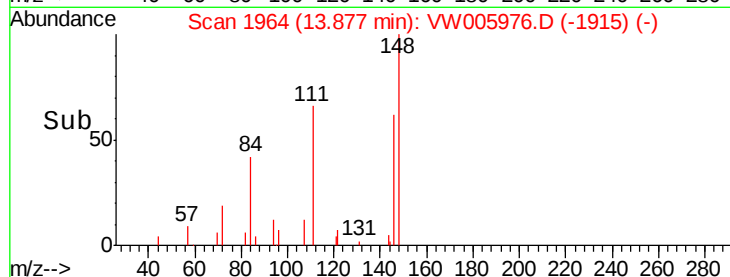
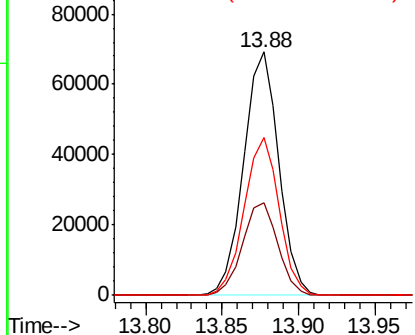
Tot Ion:	146	Resp:	110267
Ion Ratio	Lower	Upper	
146	100		
111	38.5	20.3	61.0
148	64.7	32.5	97.4

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.676 ug/l

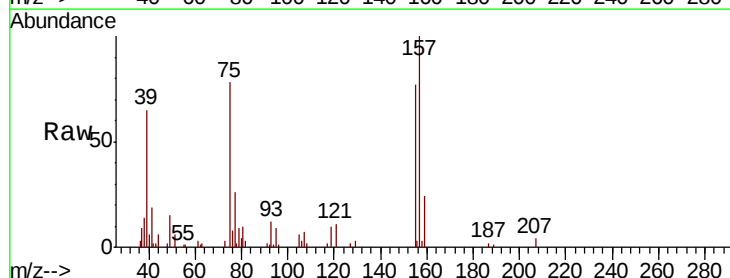
RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

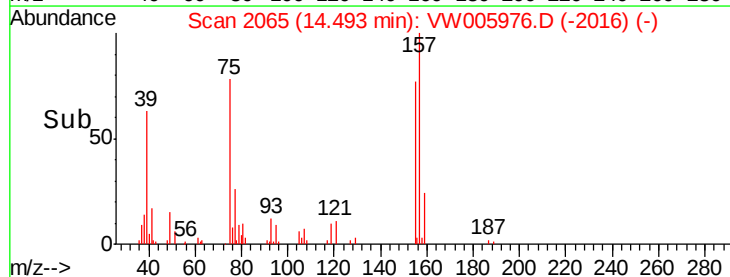
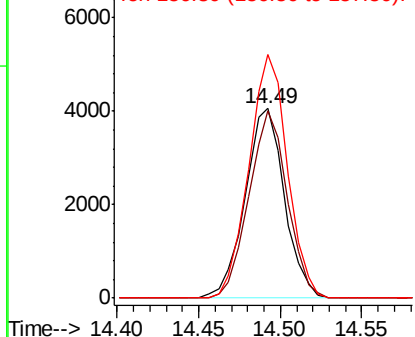
Lab File: VW005976.D

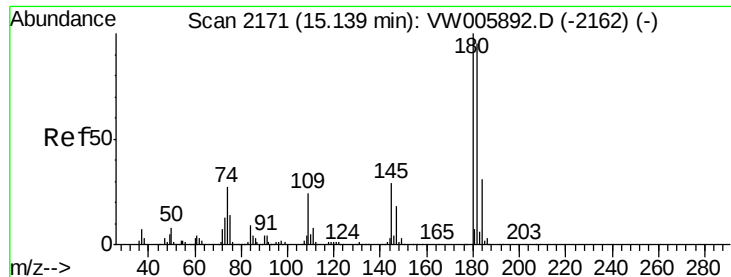
Acq: 10 Oct 2018 10:00

Tgt Ion:	75	Resp:	6804
Ion Ratio	Lower	Upper	
75	100		
155	95.8	44.8	134.3
157	125.0	58.9	176.6



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





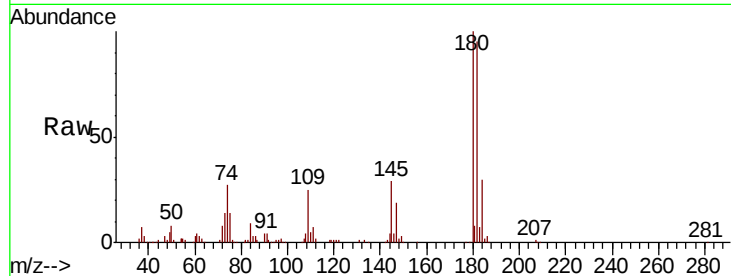
#93
 1,2,4-Trichlorobenzene
 Concen: 20.304 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82905		
182	93.8	47.8	143.3	
145	28.6	14.5	43.6	

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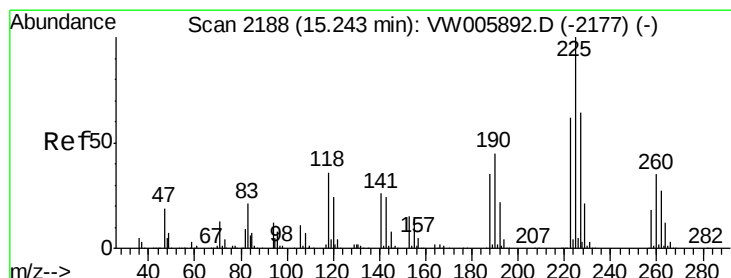
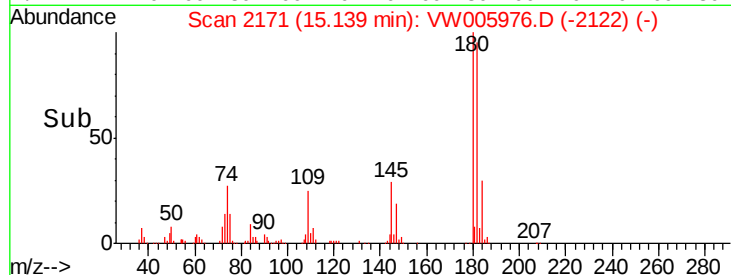
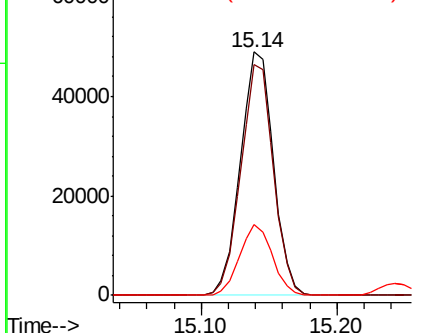


Abundance

Ion 179.80 (179.50 to 180.50): V

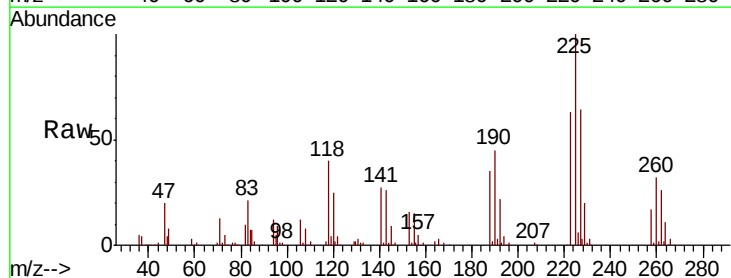
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.861 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005976.D
 Acq: 10 Oct 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48070		
223	62.1	31.2	93.6	
227	64.6	31.9	95.9	

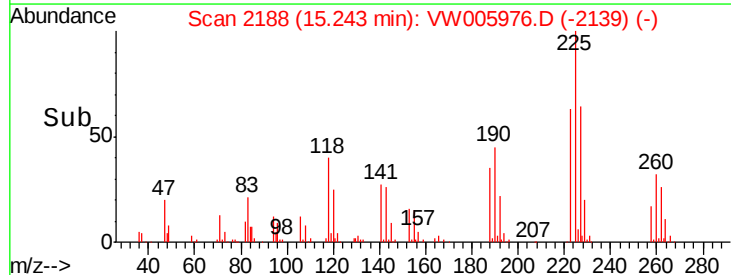
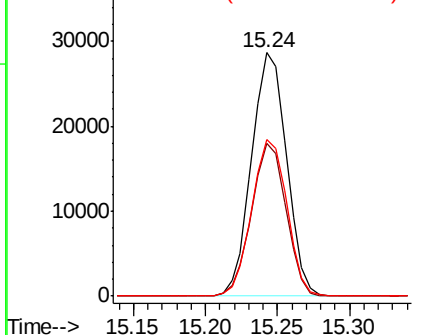


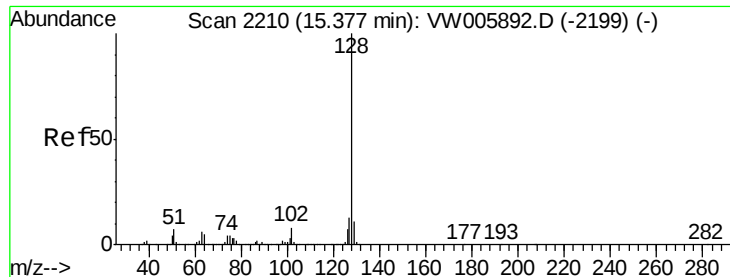
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.987 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Instrument :

MSVOA_W

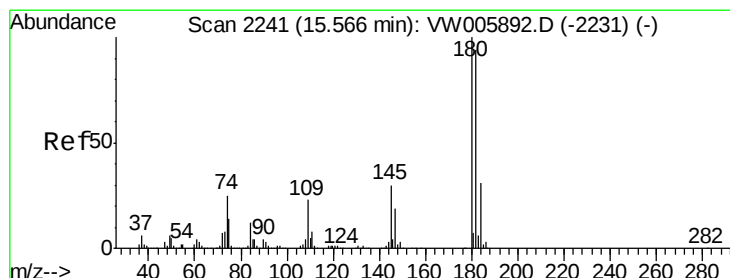
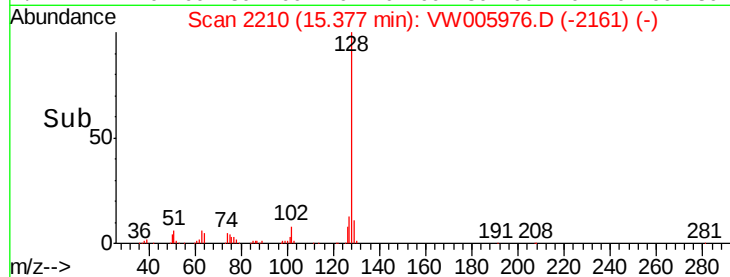
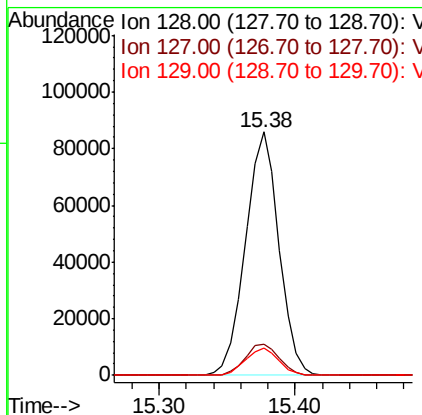
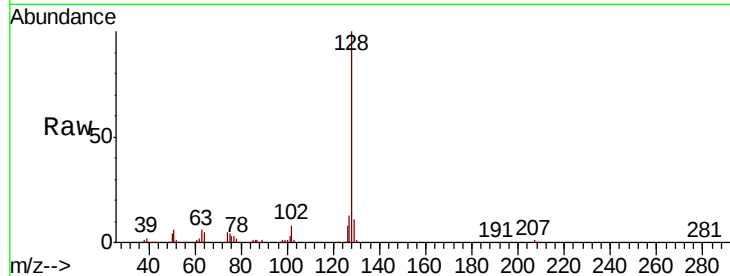
ClientSampleId :

VW1010SBSD02

Tot Ion:	128	Resp:	147710
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.2	8.9	13.3

Manual Integrations
APPROVED

apatel
10/11/2018 10:30:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.346 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005976.D

Acq: 10 Oct 2018 10:00

Tgt Ion:	180	Resp:	71934
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.6	142.8
145	31.0	15.3	45.9

