

Data File : VW006378.D
Acq On : 26 Oct 2018 00:25
Operator : SY/AP
Sample : VW1027SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Manual Integrations
APPROVED

apatel
10/26/2018 11:51:28 AM

Quant Time: Oct 26 07:48:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171926	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93543	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	97098	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.32	98	357322	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.62	95	135391	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	18392m	16.326	ug/l
3) Chloromethane	2.21	50	26991	18.613	ug/l 97
4) Vinyl Chloride	2.37	62	38490	18.586	ug/l 99
5) Bromomethane	2.78	94	39650	21.051	ug/l 98
6) Chloroethane	2.93	64	31489	21.218	ug/l 98
7) Trichlorofluoromethane	3.25	101	36623	18.984	ug/l 100
8) Diethyl Ether	3.68	74	22211	21.663	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42113	20.830	ug/l 99
10) Methyl Iodide	4.26	142	72813	21.638	ug/l 98
11) Tert butyl alcohol	5.23	59	13190	103.915	ug/l # 86
12) 1,1-Dichloroethene	4.03	96	40050	21.056	ug/l 94
13) Acrolein	3.89	56	12047	98.084	ug/l 97
14) Allyl chloride	4.66	41	53795	19.780	ug/l 98
15) Acrylonitrile	5.37	53	42575	115.774	ug/l 100
16) Acetone	4.15	43	41424	108.620	ug/l 98
17) Carbon Disulfide	4.37	76	99065	17.257	ug/l 100
18) Methyl Acetate	4.68	43	22744	23.946	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	64354	22.214	ug/l 99
20) Methylene Chloride	4.91	84	48488	23.415	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	47028	22.151	ug/l 99
22) Diisopropyl ether	6.31	45	121184	22.548	ug/l 98
23) Vinyl Acetate	6.26	43	334070	105.326	ug/l 98
24) 1,1-Dichloroethane	6.21	63	79105	22.810	ug/l 99
25) 2-Butanone	7.18	43	58271	114.288	ug/l 96
26) 2,2-Dichloropropane	7.17	77	47733	19.515	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	54371	23.207	ug/l 98
28) Bromochloromethane	7.51	49	26017	19.433	ug/l 92
29) Tetrahydrofuran	7.54	42	34062	108.686	ug/l 97
30) Chloroform	7.68	83	88997	23.555	ug/l 96
31) Cyclohexane	7.96	56	67296	19.486	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	71646	21.021	ug/l 99
36) 1,1-Dichloropropene	8.09	75	66343	21.660	ug/l 99
37) Ethyl Acetate	7.26	43	26118	22.951	ug/l 99
38) Carbon Tetrachloride	8.07	117	67375	20.066	ug/l 97

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apatel
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81676	20.061	ug/l	100
40) Benzene	8.32	78	189032	22.499	ug/l	99
41) Methacrylonitrile	7.49	41	15951	23.251	ug/l	96
42) 1,2-Dichloroethane	8.40	62	56715	22.976	ug/l	99
43) Isopropyl Acetate	8.43	43	49545	21.293	ug/l	99
44) Trichloroethene	9.09	130	57975	22.491	ug/l	90
45) 1,2-Dichloropropane	9.37	63	45370	22.566	ug/l	99
46) Dibromomethane	9.46	93	26509	23.134	ug/l	98
47) Bromodichloromethane	9.65	83	60191	21.666	ug/l #	99
48) Methyl methacrylate	9.44	41	23901	21.670	ug/l	96
49) 1,4-Dioxane	9.47	88	8438	478.328	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	129396	110.992	ug/l	99
52) Toluene	10.39	92	127316	22.603	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	55689	20.119	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	66551	20.949	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38496	24.007	ug/l	98
56) Ethyl methacrylate	10.65	69	43333	22.043	ug/l	99
57) 1,3-Dichloropropane	10.93	76	62474	23.535	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	84378	112.330	ug/l	98
59) 2-Hexanone	10.98	43	86799	104.301	ug/l	96
60) Dibromochloromethane	11.13	129	43211	21.634	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37041	23.118	ug/l	100
64) Tetrachloroethene	10.87	164	54793	22.960	ug/l	99
65) Chlorobenzene	11.66	112	149976	22.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51051	21.829	ug/l	99
67) Ethyl Benzene	11.74	91	252631	22.152	ug/l	98
68) m/p-Xylenes	11.84	106	198100	43.947	ug/l	100
69) o-Xylene	12.17	106	94815	22.071	ug/l	100
70) Styrene	12.18	104	155226	22.220	ug/l	99
71) Bromoform	12.35	173	26424	20.257	ug/l #	99
73) Isopropylbenzene	12.47	105	261834	21.557	ug/l	99
74) N-amyl acetate	12.28	43	47103	19.967	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	42726	23.128	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26789m	20.400	ug/l	
77) Bromobenzene	12.75	156	67873	22.815	ug/l	99
78) n-propylbenzene	12.81	91	306194	21.668	ug/l	100
79) 2-Chlorotoluene	12.90	91	176226	22.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	224218	21.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9848	17.926	ug/l	93
82) 4-Chlorotoluene	12.99	91	186822	22.463	ug/l	100
83) tert-Butylbenzene	13.21	119	197515	21.560	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	230010	22.199	ug/l	100
85) sec-Butylbenzene	13.39	105	280123	21.644	ug/l	99
86) p-Isopropyltoluene	13.51	119	253915	21.690	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	135296	22.851	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133476	22.642	ug/l	99
89) n-Butylbenzene	13.83	91	228022	21.299	ug/l	99
90) Hexachloroethane	14.10	117	38831	19.583	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	121484	23.003	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6500	19.652	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102718\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	92166	22.681	ug/l	99
94) Hexachlorobutadiene	15.24	225	56285	22.049	ug/l	100
95) Naphthalene	15.38	128	150331	22.239	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	80635	22.942	ug/l	99

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

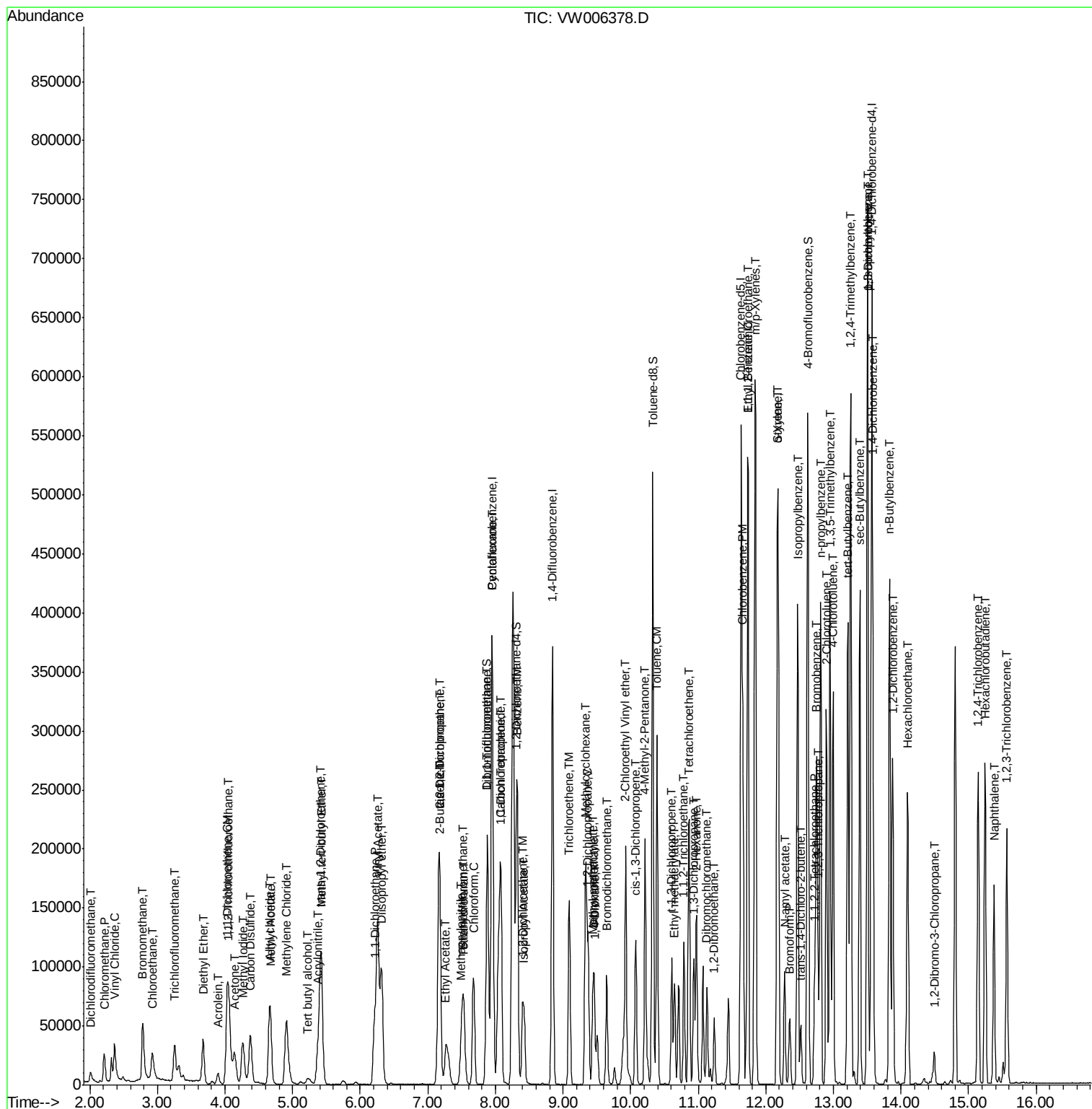
Data File : VW006378.D
Acq On : 26 Oct 2018 00:25
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Sample : VW1027SBS01
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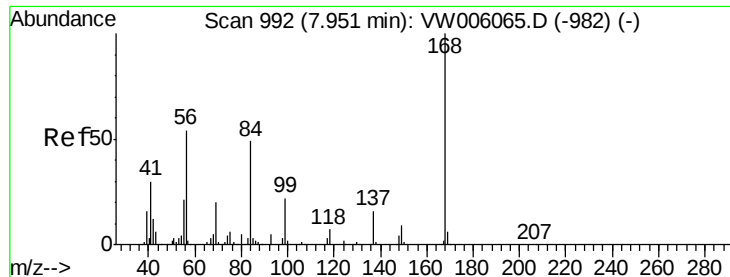
Instrument :
MSVOA_W
Client Sampled :
VW1027SBS01

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion:168 Resp: 227648

Ion Ratio Lower Upper

168 100

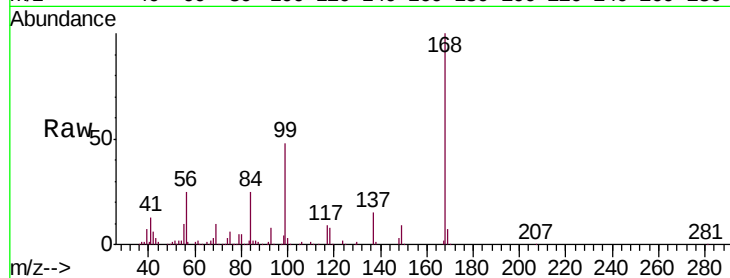
99 47.9 39.9 59.9

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

120000

100000

80000

60000

40000

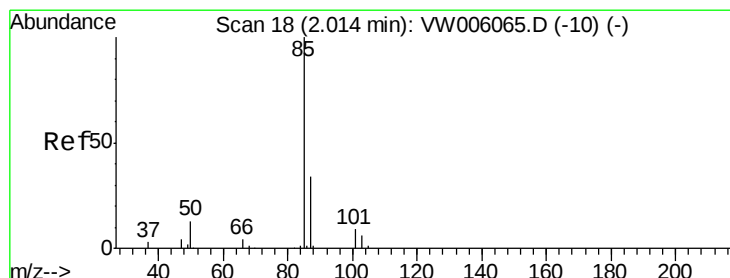
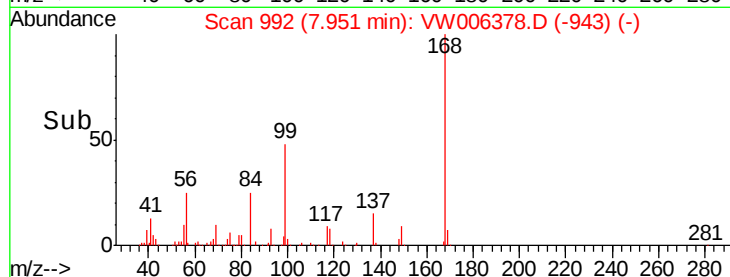
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.326 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006378.D

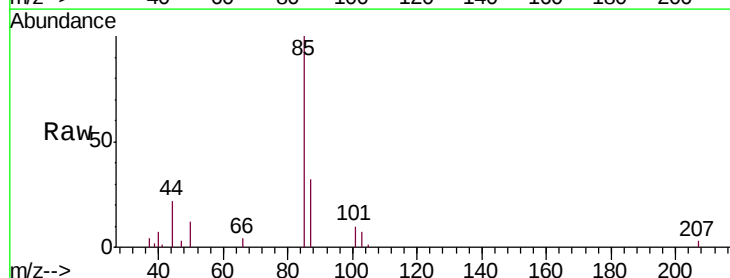
Acq: 26 Oct 2018 00:25

Tgt Ion: 85 Resp: 18392

Ion Ratio Lower Upper

85 100

87 32.0 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

5000

4000

3000

2000

1000

0

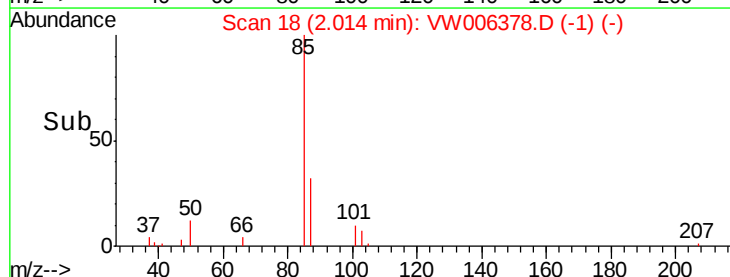
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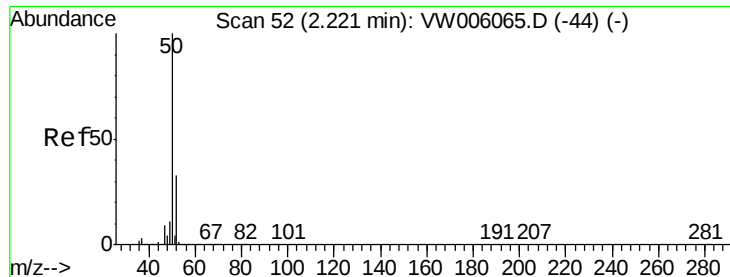
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 18.613 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 50 Resp: 26991

Ion Ratio Lower Upper

50 100

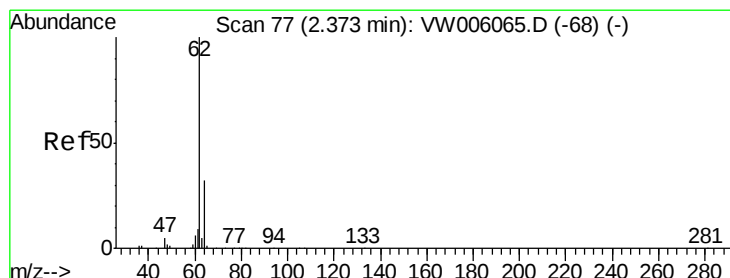
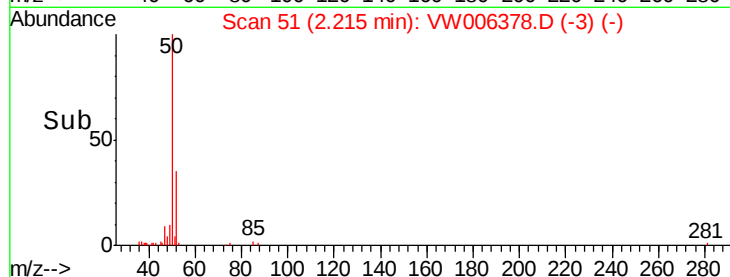
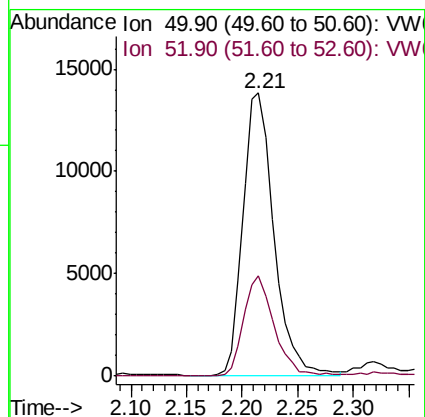
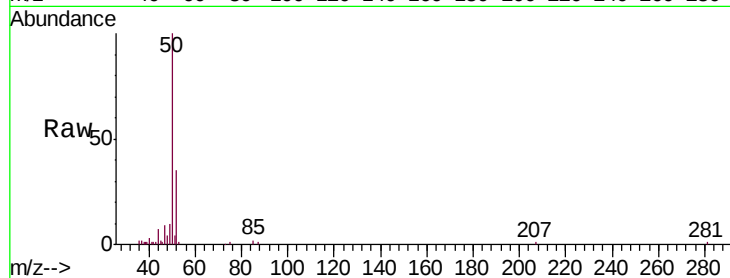
52 35.3 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.586 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006378.D

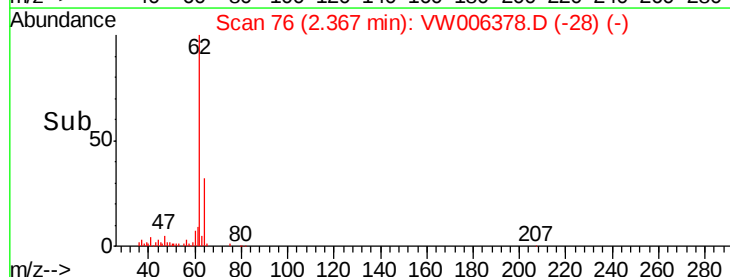
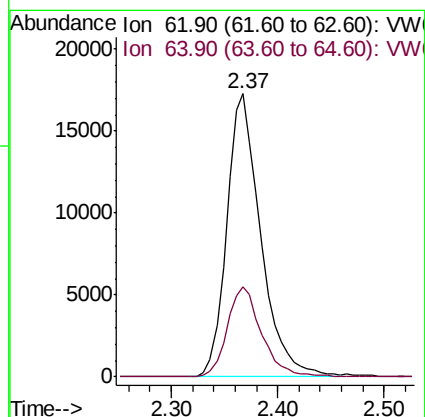
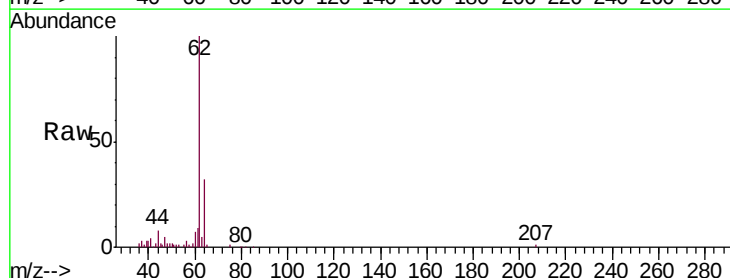
Acq: 26 Oct 2018 00:25

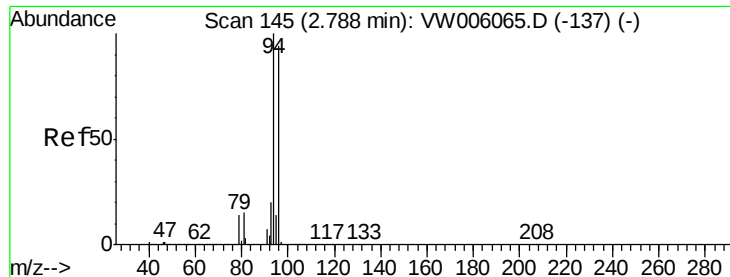
Tgt Ion: 62 Resp: 38490

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 21.051 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

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ClientSampleId :

VW1027SBS01

Tgt Ion: 94 Resp: 39650

Ion Ratio Lower Upper

94 100

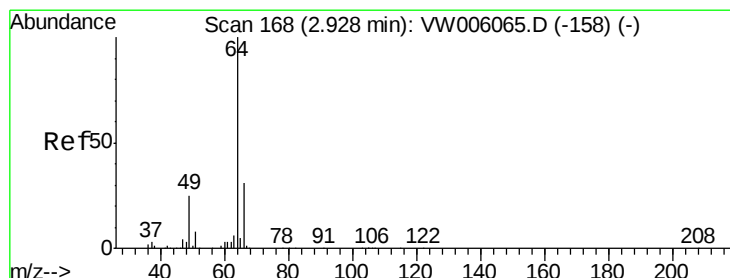
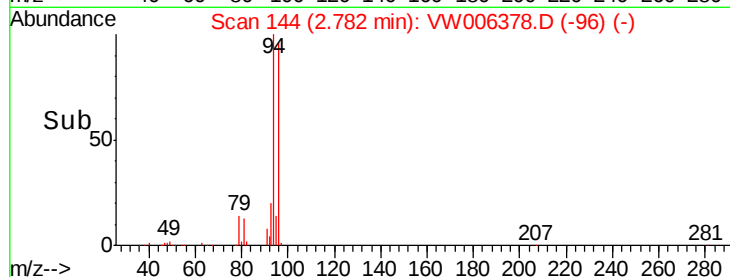
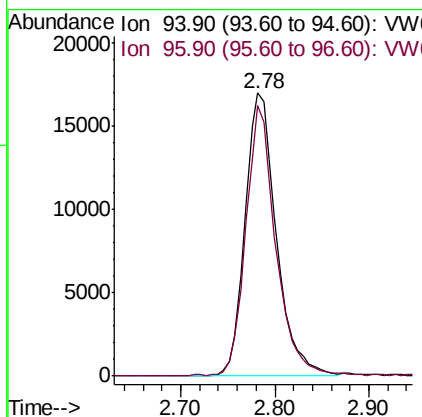
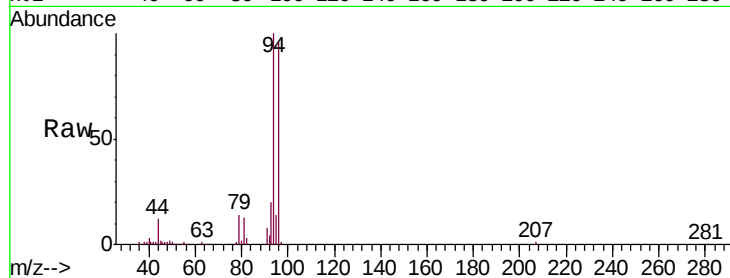
96 95.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 21.218 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006378.D

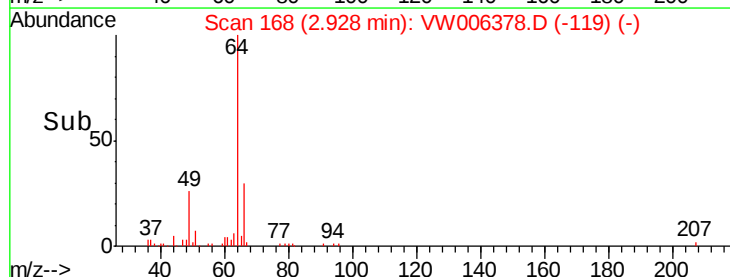
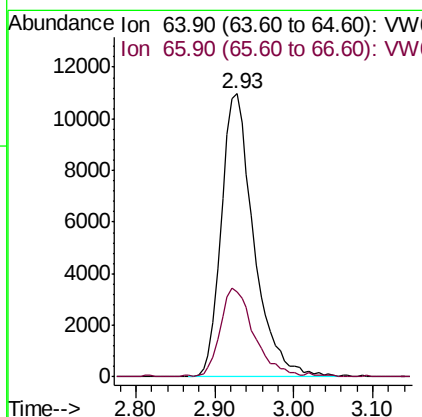
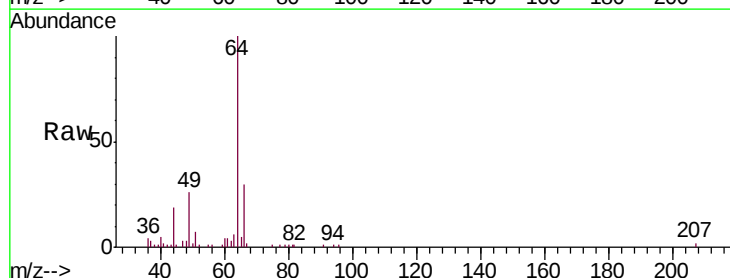
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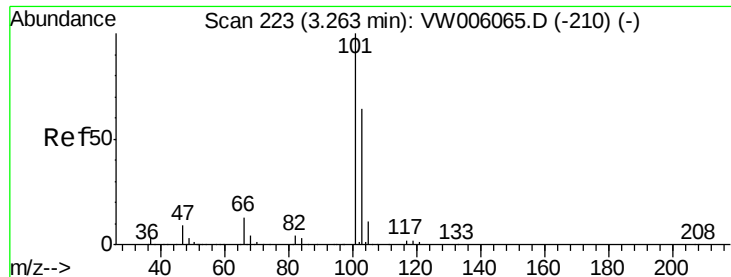
Tgt Ion: 64 Resp: 31489

Ion Ratio Lower Upper

64 100

66 30.0 24.9 37.3





#7

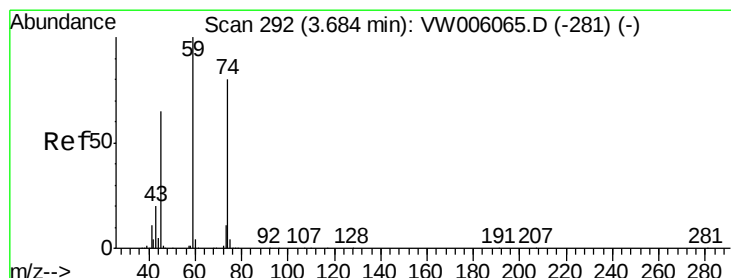
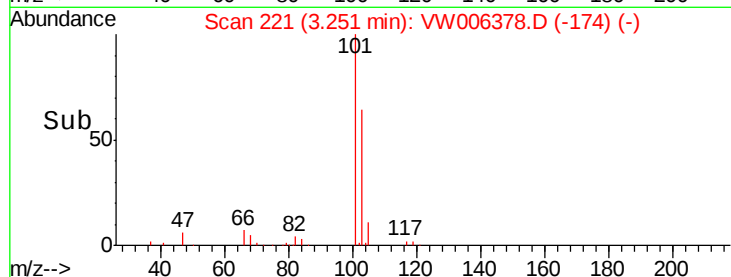
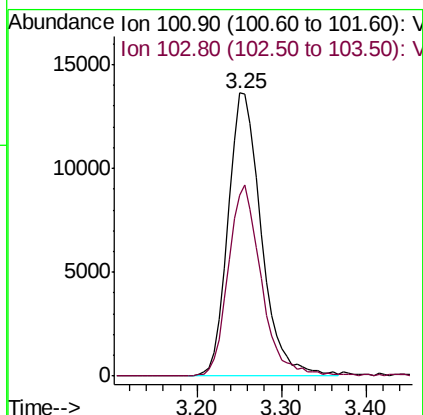
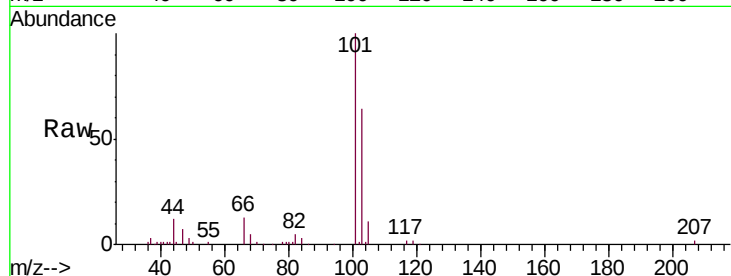
Trichlorofluoromethane
Concen: 18.984 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

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ClientSampleId :
VW1027SBS01

Tgt Ion:101 Resp: 36623
Ion Ratio Lower Upper
101 100
103 63.7 51.2 76.8

Manual Integrations
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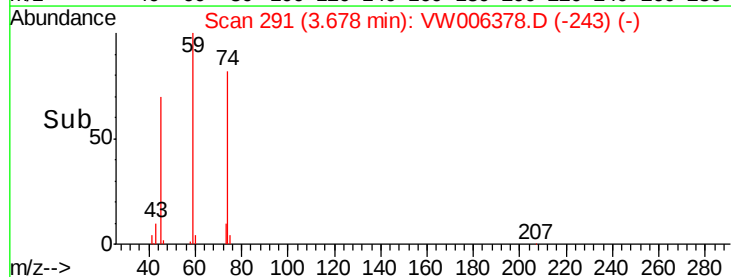
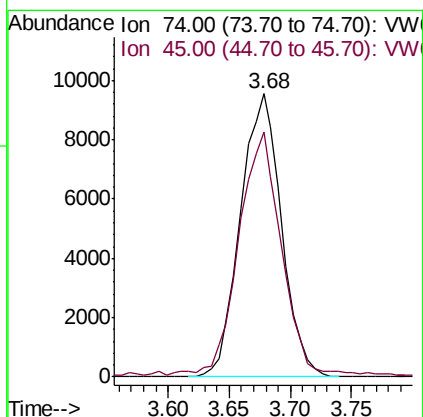
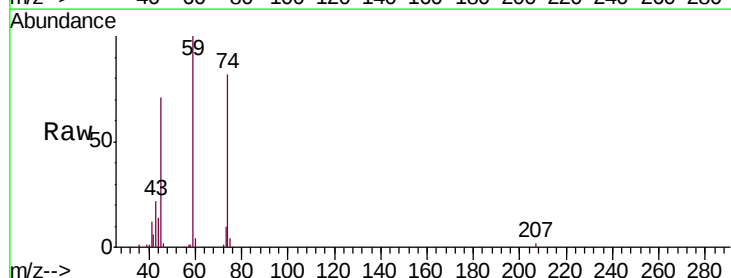
apatel
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#8

Diethyl Ether
Concen: 21.663 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 74 Resp: 22211
Ion Ratio Lower Upper
74 100
45 88.3 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.830 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006378.D

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MSVOA_W

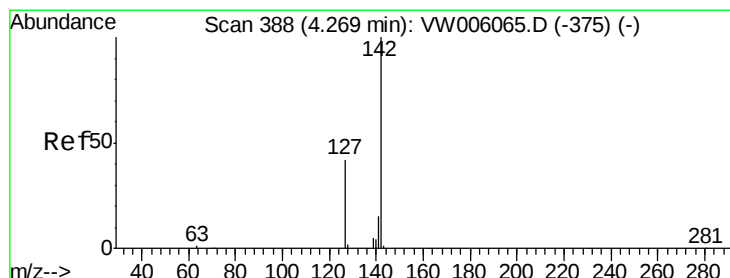
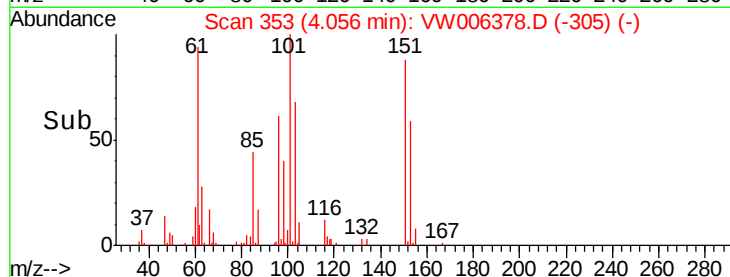
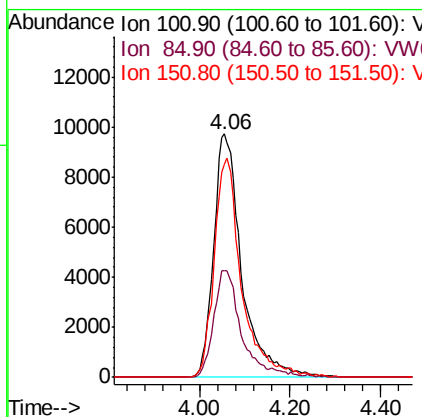
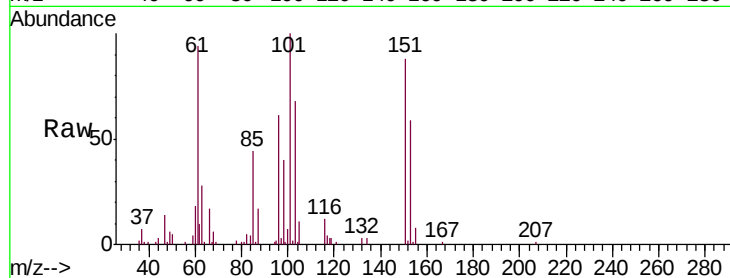
ClientSampleId :

VW1027SBS01

Tgt Ion:	101	Resp:	42113
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.9	52.3
151	87.5	70.4	105.6

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#10

Methyl Iodide

Concen: 21.638 ug/l

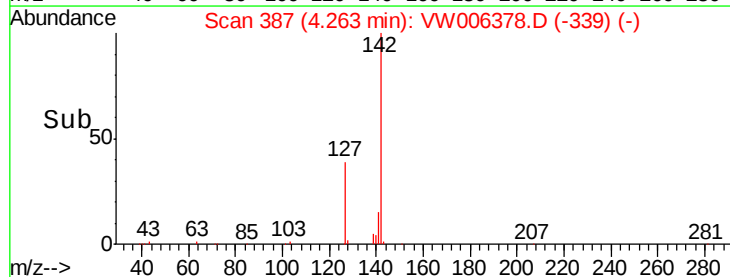
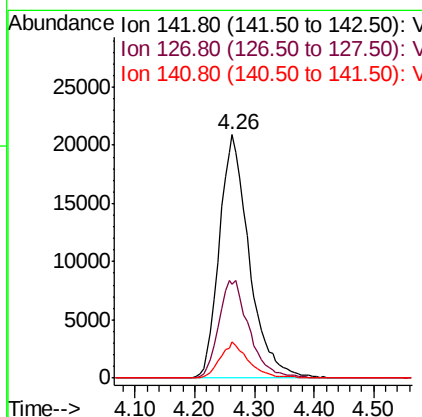
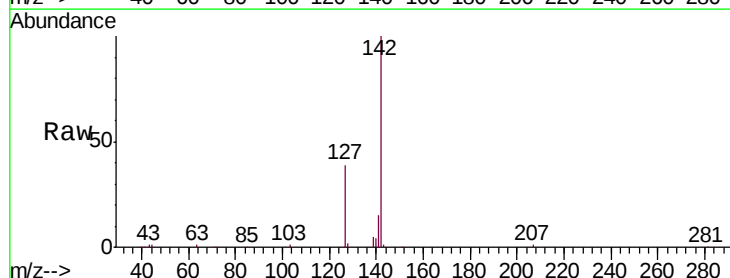
RT: 4.26 min Scan# 387

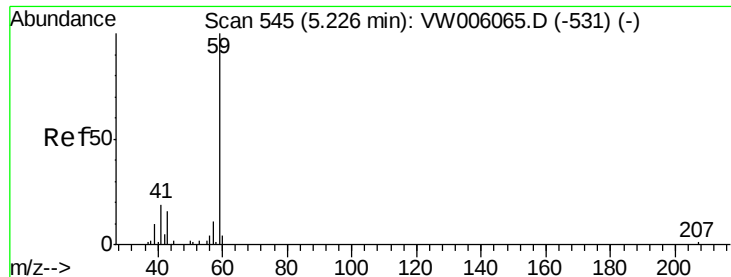
Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion:	142	Resp:	72813
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.6	50.4
141	14.0	11.6	17.4





#11

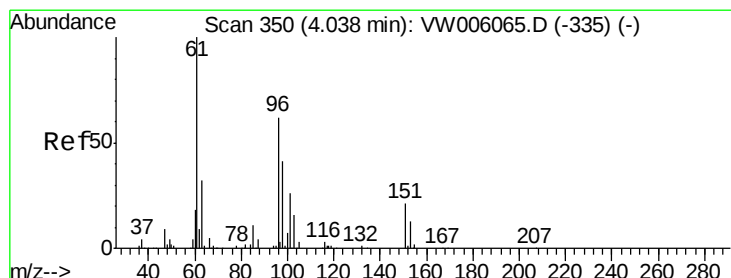
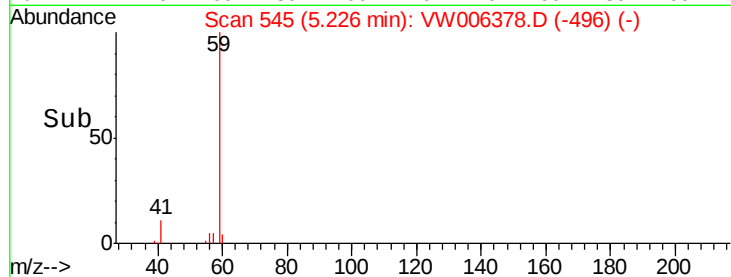
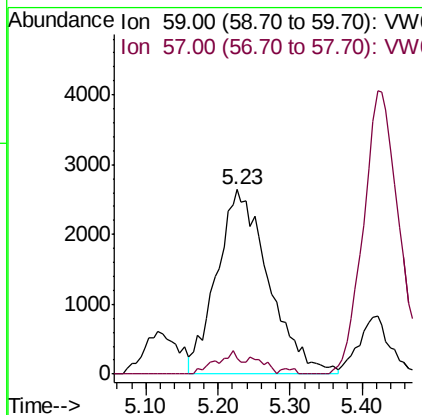
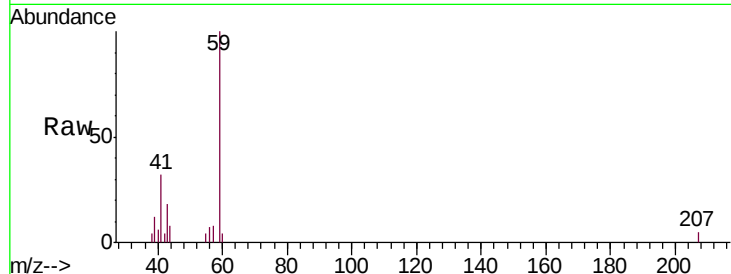
Tert butyl alcohol
 Concen: 103.915 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.5	8.7	13.1#

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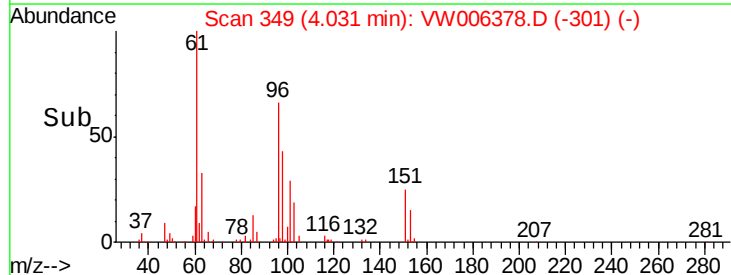
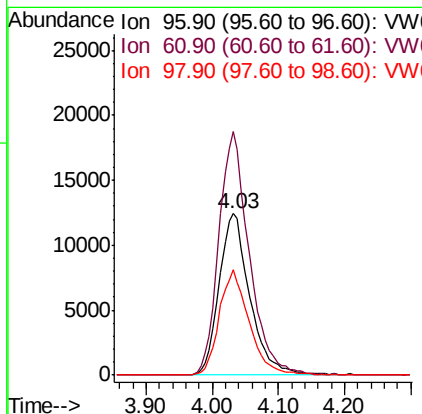
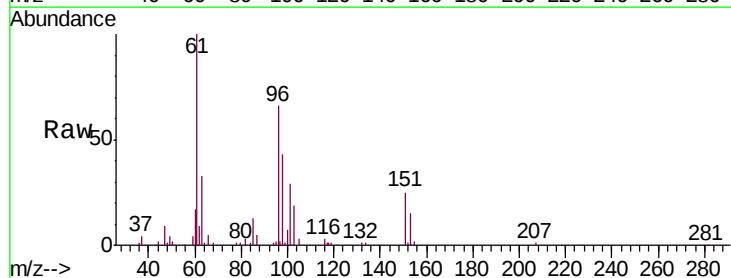
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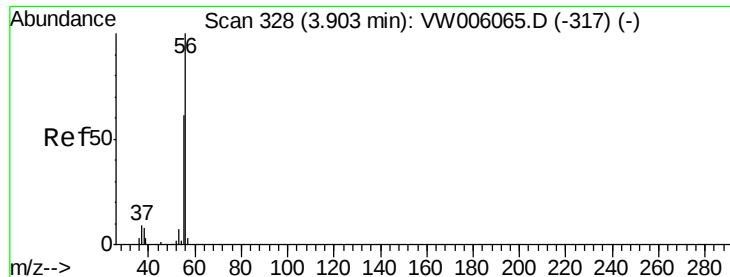


#12

1,1-Dichloroethene
 Concen: 21.056 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.1	129.3	193.9
98	65.1	53.1	79.7





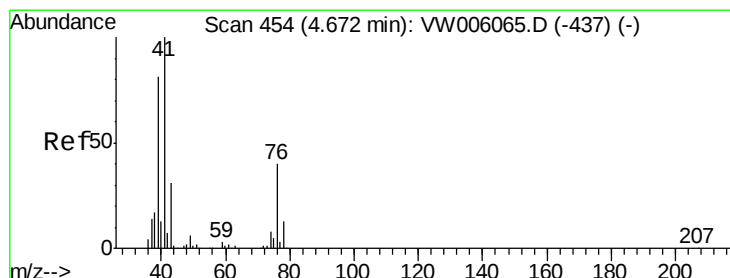
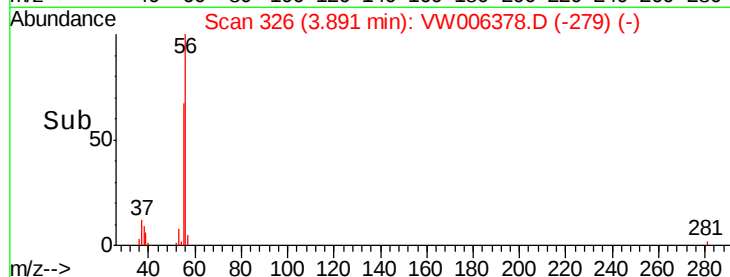
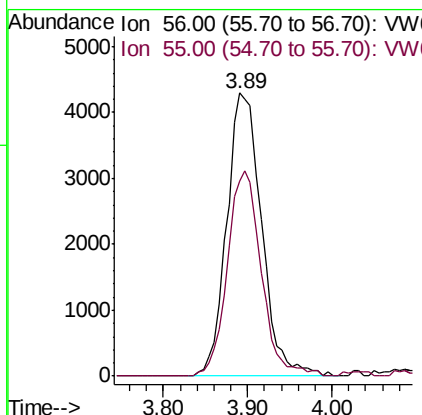
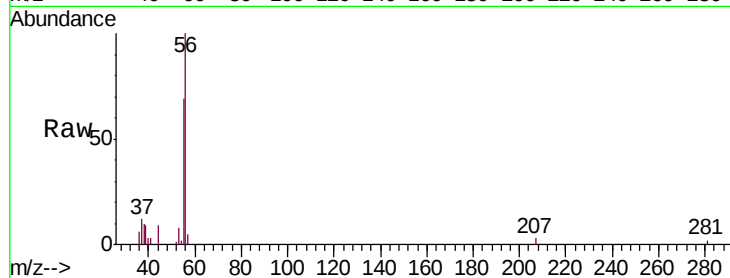
#13
Acrolein
Concen: 98.084 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.3	54.5	81.7

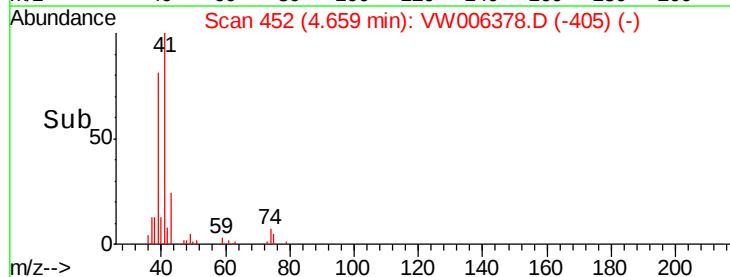
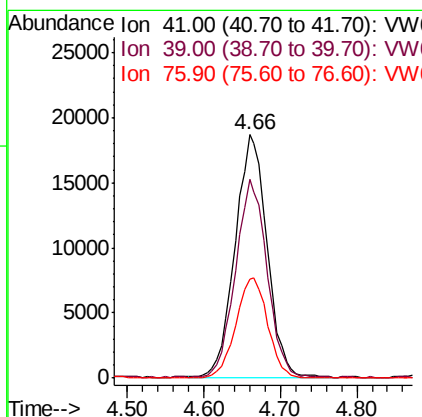
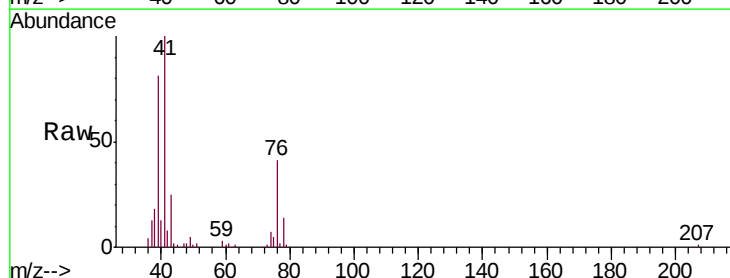
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#14
Allyl chloride
Concen: 19.780 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	82.0	64.1	96.1
76	41.2	32.2	48.4





#15

Acrylonitrile

Concen: 115.774 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

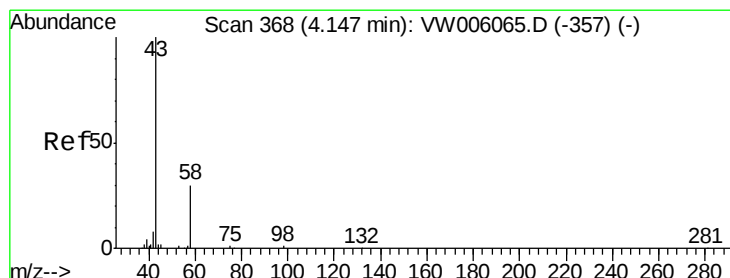
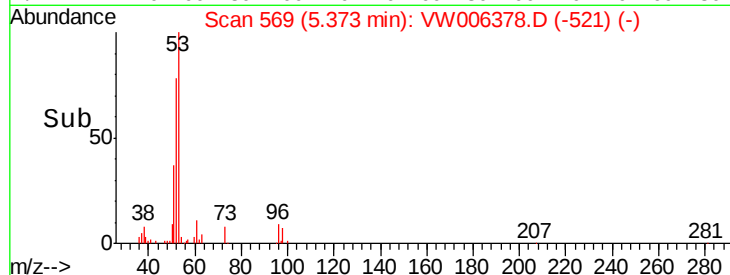
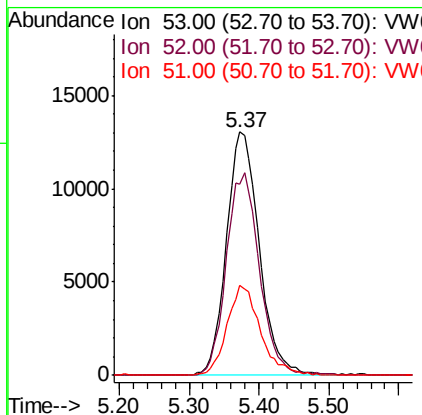
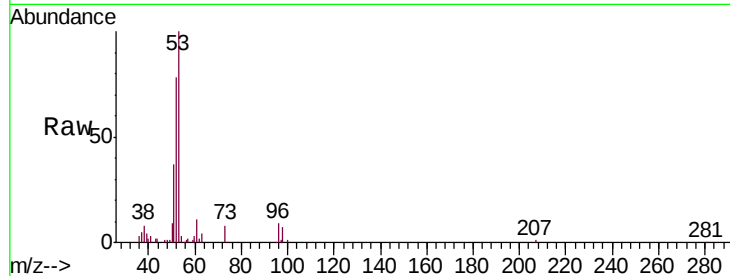
ClientSampleId :

VW1027SBS01

Tgt Ion:	53	Resp:	42575
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.9	100.3
51	37.5	30.1	45.1

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#16

Acetone

Concen: 108.620 ug/l

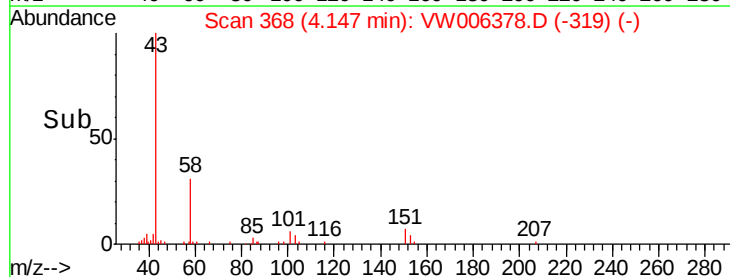
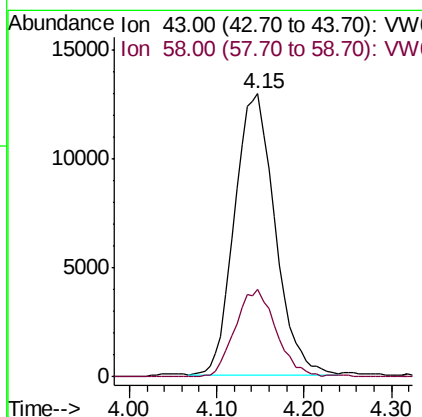
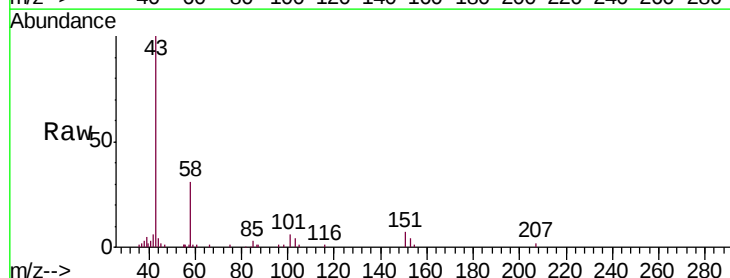
RT: 4.15 min Scan# 368

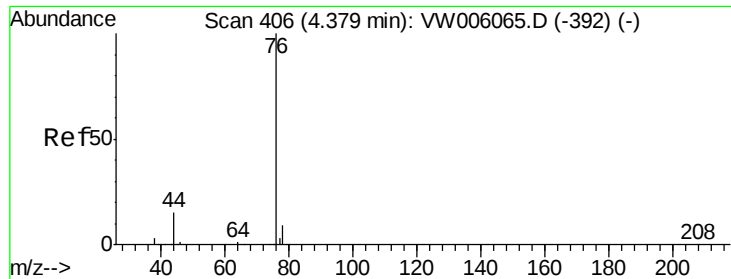
Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion:	43	Resp:	41424
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.0	36.0





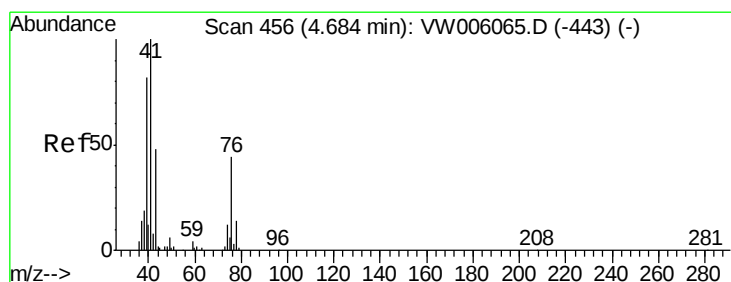
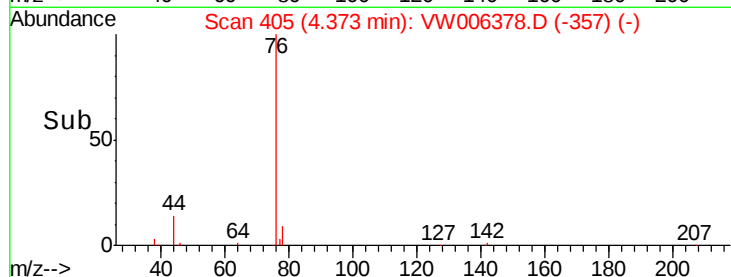
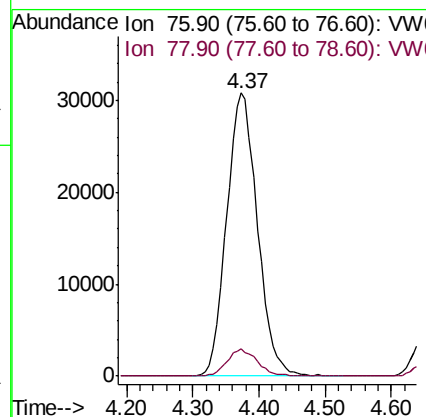
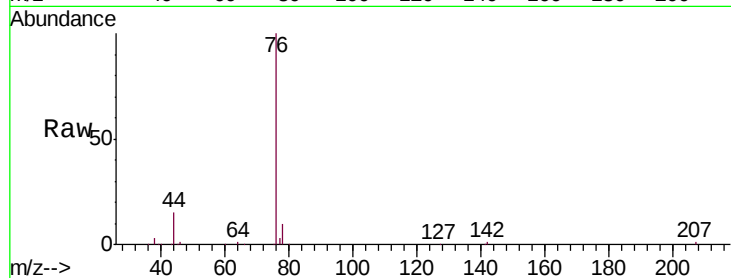
#17
Carbon Disulfide
Concen: 17.257 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

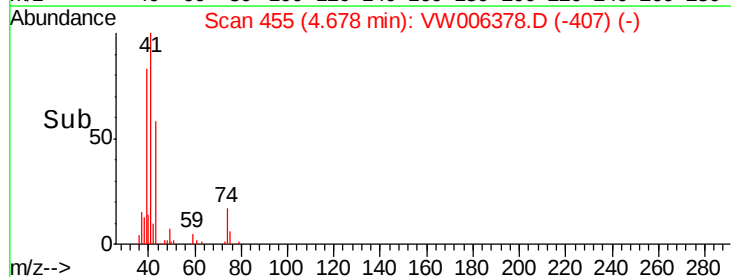
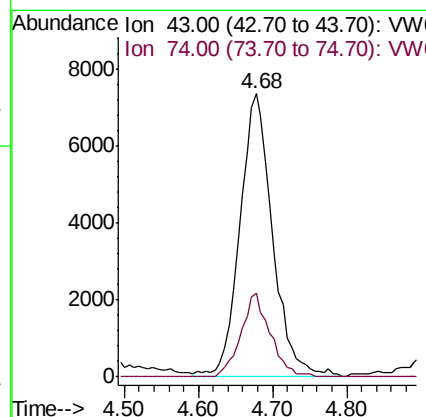
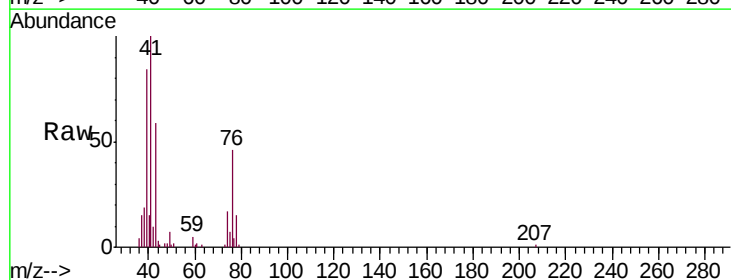
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#18
Methyl Acetate
Concen: 23.946 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.5	30.7





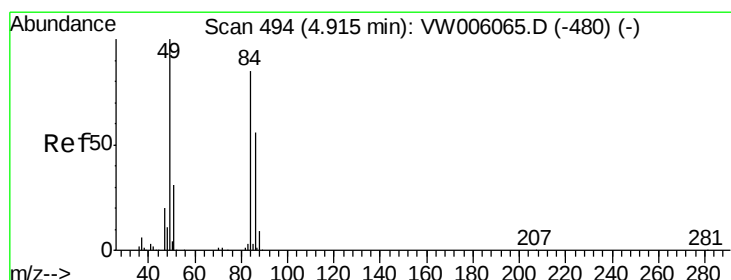
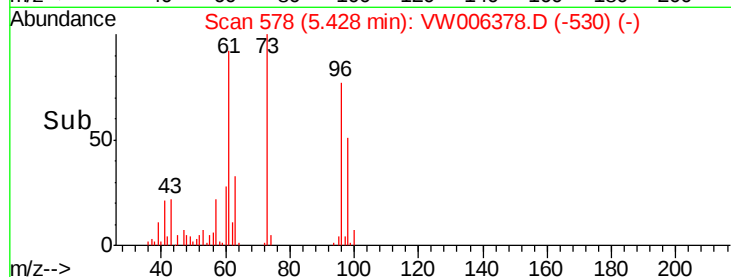
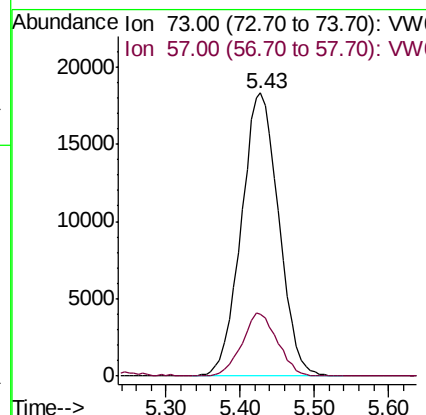
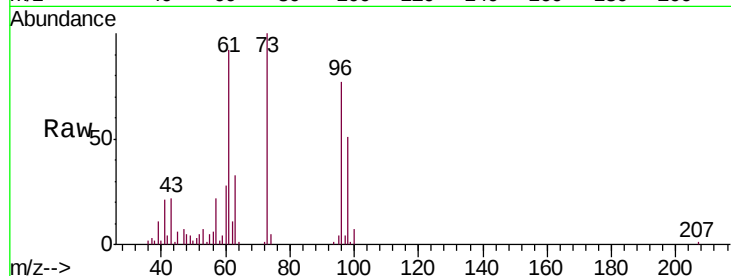
#19
Methyl tert-butyl Ether
Concen: 22.214 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion: 73 Resp: 64354
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2

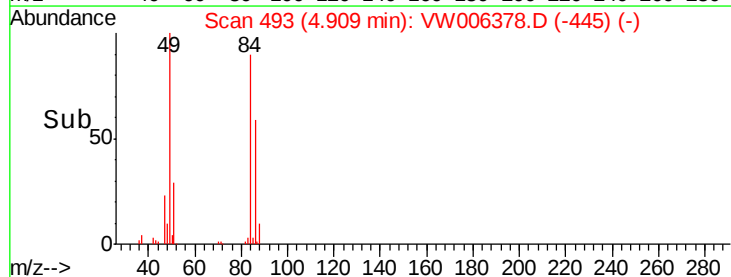
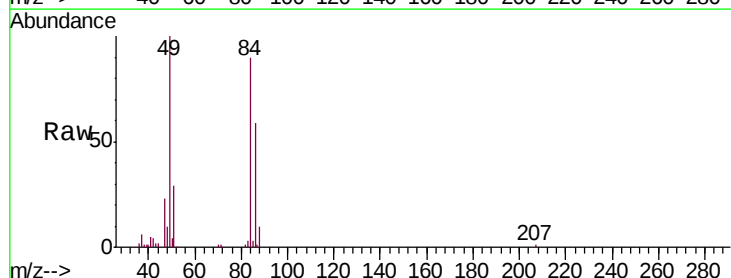
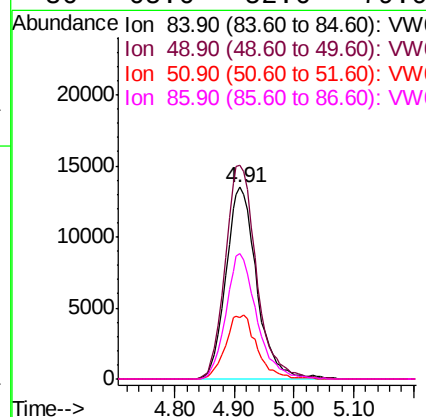
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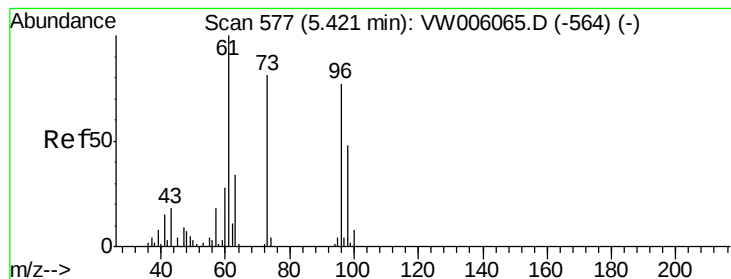
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#20
Methylene Chloride
Concen: 23.415 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 84 Resp: 48488
Ion Ratio Lower Upper
84 100
49 111.4 93.6 140.4
51 32.4 29.0 43.4
86 65.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 22.151 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

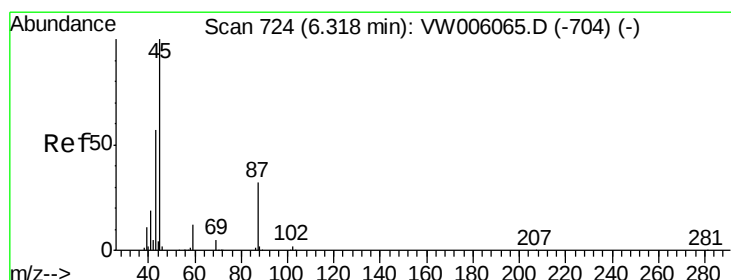
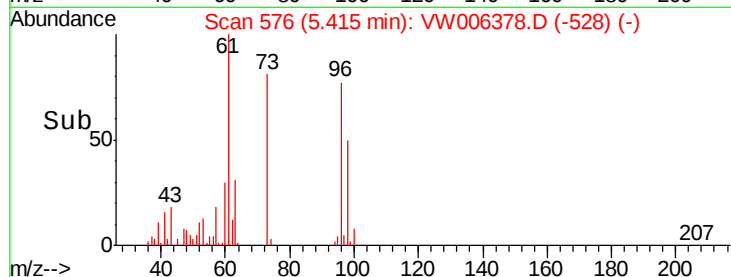
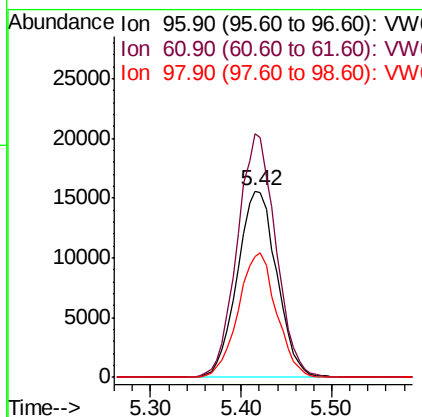
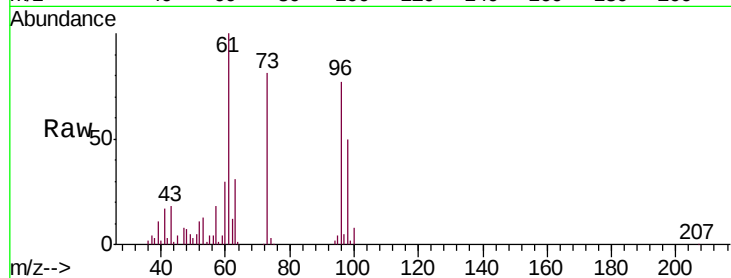
ClientSampleId :

VW1027SBS01

Tgt Ion:	96	Resp:	47028
Ion	Ratio	Lower	Upper
96	100		
61	130.5	104.5	156.7
98	64.9	50.6	75.8

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#22

Diisopropyl ether

Concen: 22.548 ug/l

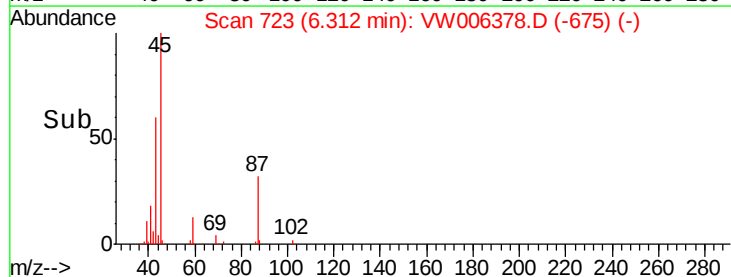
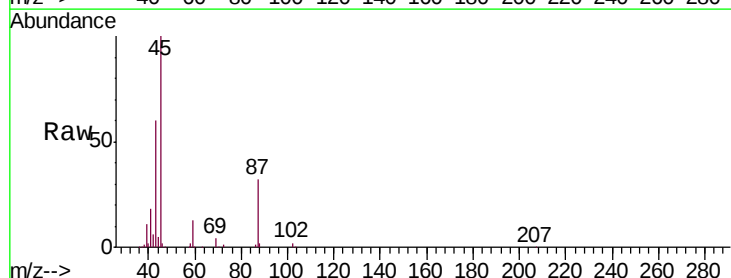
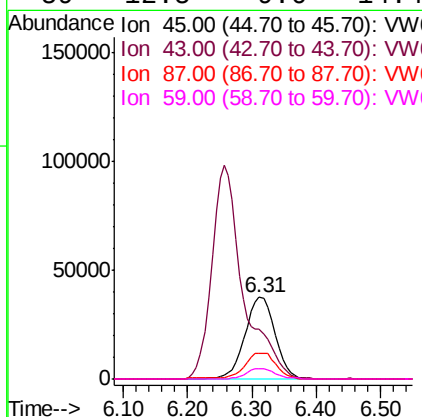
RT: 6.31 min Scan# 723

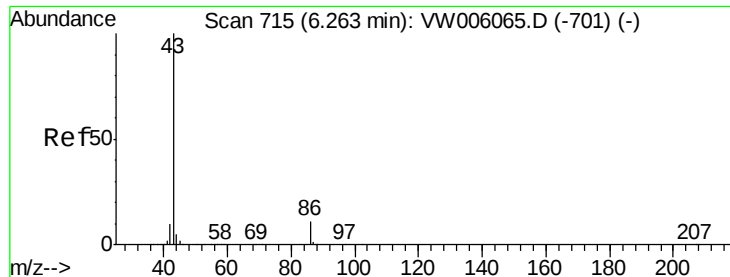
Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion:	45	Resp:	121184
Ion	Ratio	Lower	Upper
45	100		
43	59.8	45.7	68.5
87	32.1	25.9	38.9
59	12.5	9.6	14.4





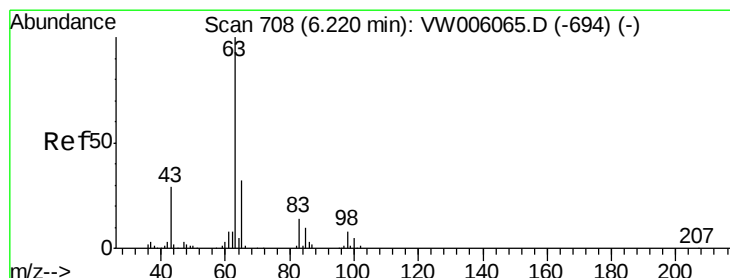
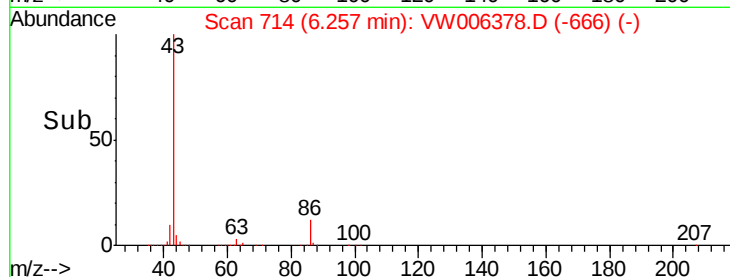
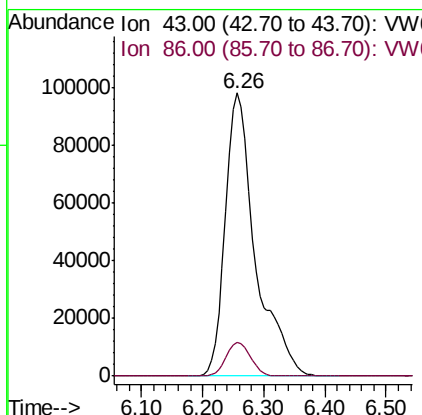
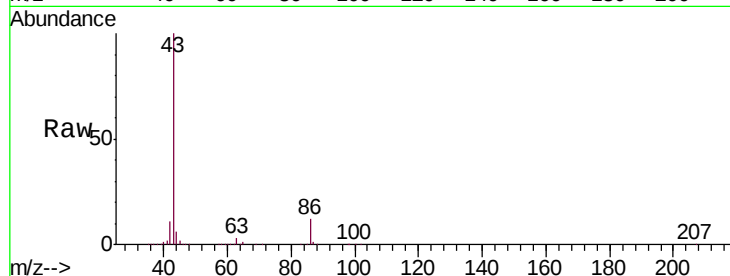
#23
 Vinyl Acetate
 Concen: 105.326 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	334070		
86	11.9	9.0	13.6	

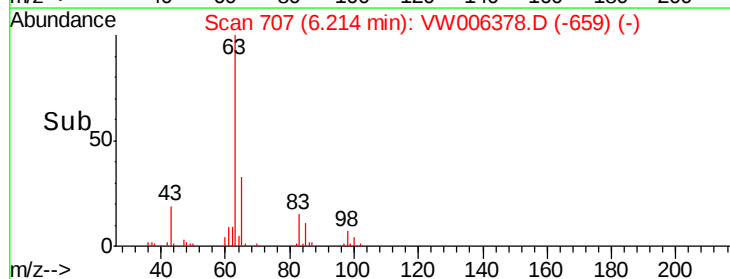
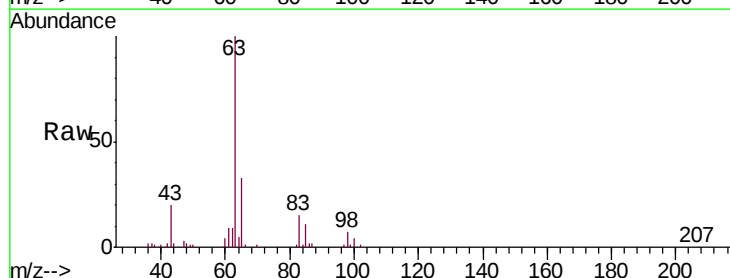
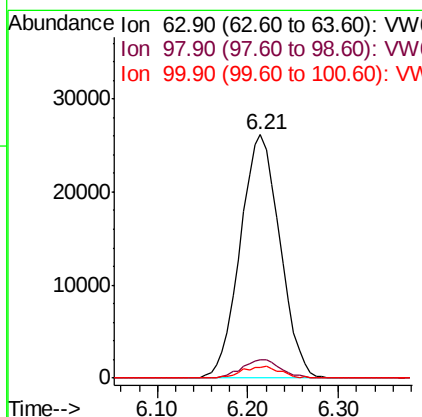
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#24
 1,1-Dichloroethane
 Concen: 22.810 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	79105		
98	7.4	3.8	11.2	
100	4.5	2.5	7.5	





#25

2-Butanone

Concen: 114.288 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 43 Resp: 58271

Ion Ratio Lower Upper

43 100

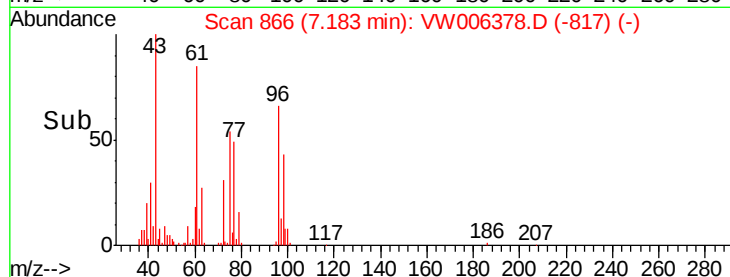
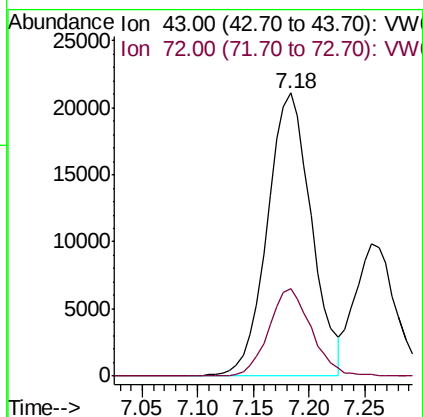
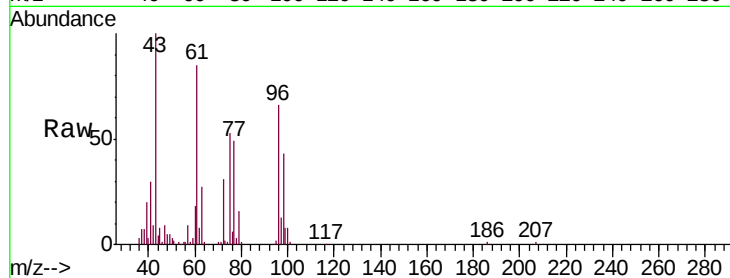
72 30.8 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 19.515 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006378.D

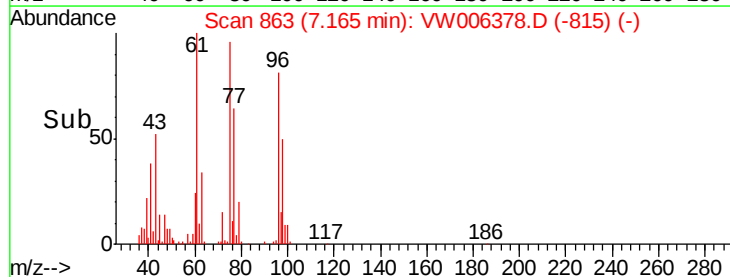
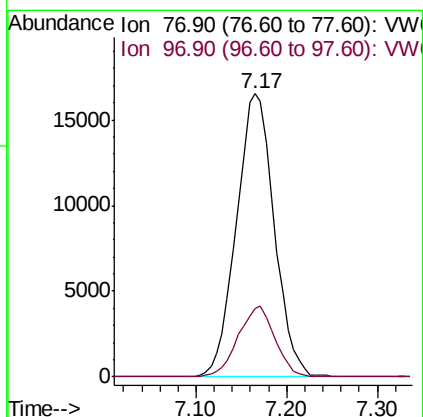
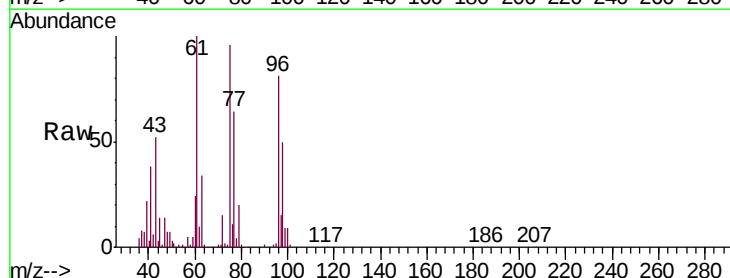
Acq: 26 Oct 2018 00:25

Tgt Ion: 77 Resp: 47733

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4





#27

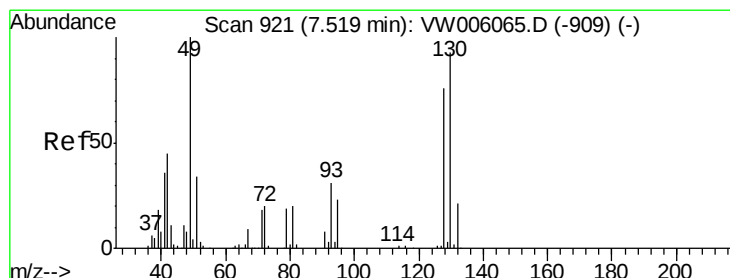
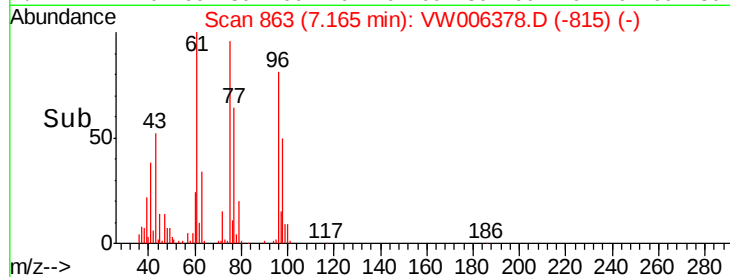
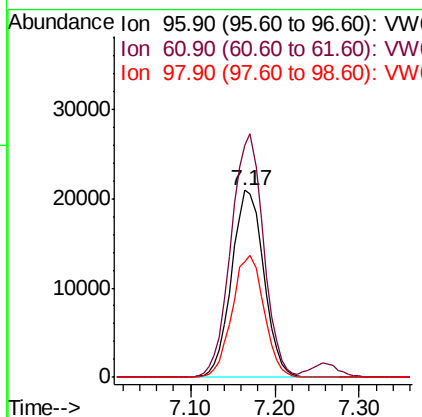
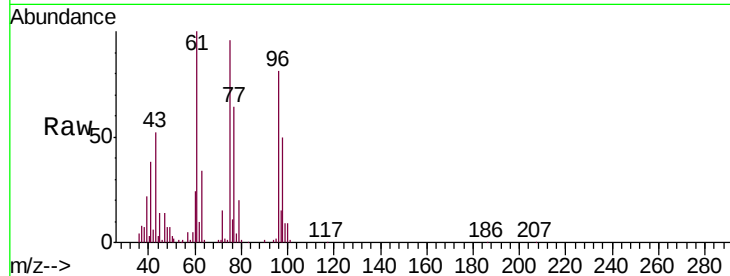
cis-1,2-Dichloroethene
Concen: 23.207 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	267.2
98	64.2	0.0	128.6

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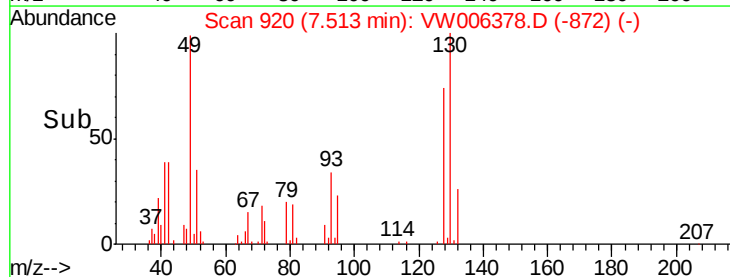
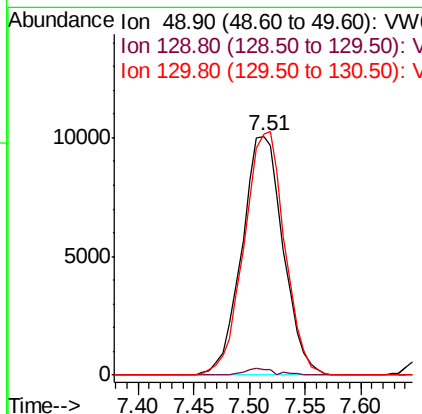
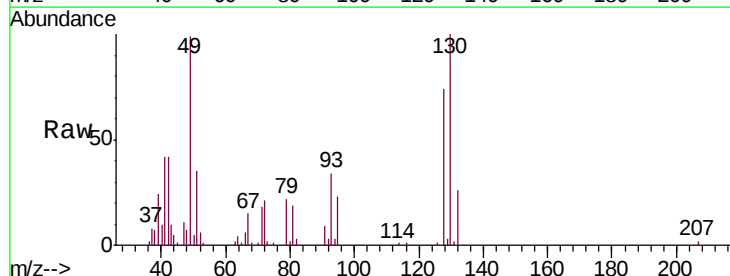
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#28

Bromochloromethane
Concen: 19.433 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	99.8	73.8	110.8





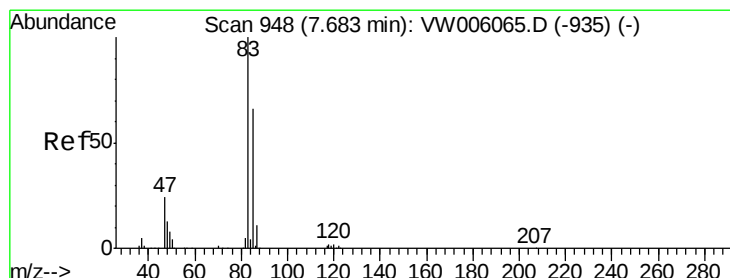
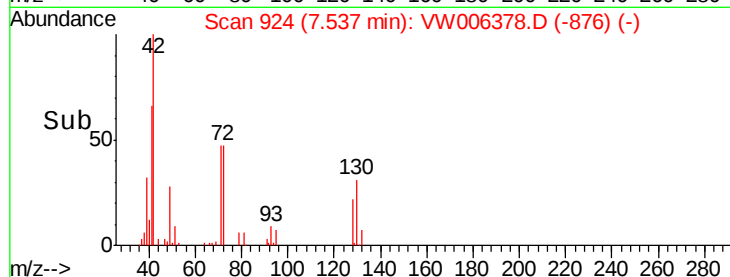
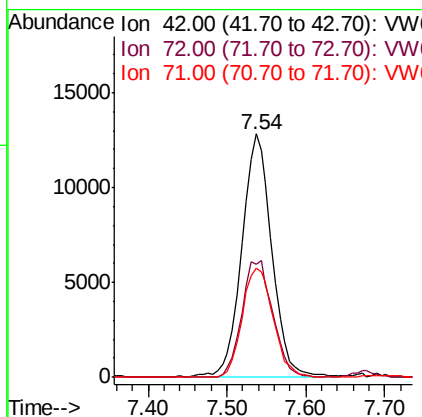
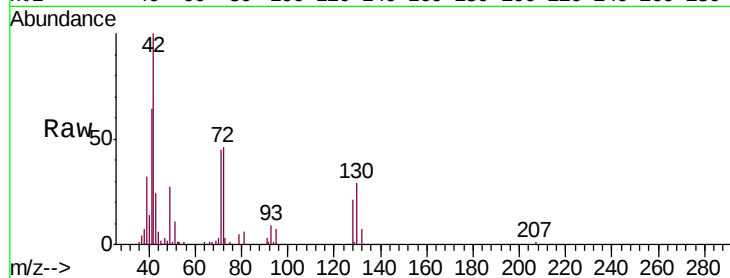
#29
Tetrahydrofuran
Concen: 108.686 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.3	38.0	57.0
71	45.8	35.3	52.9

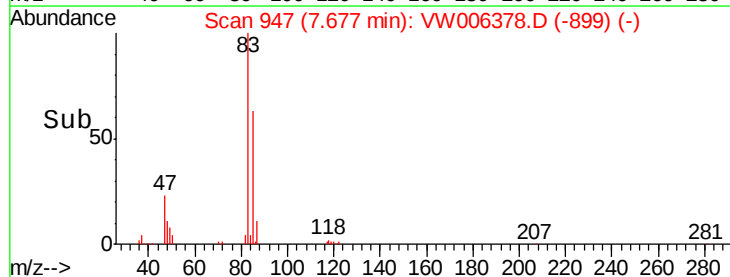
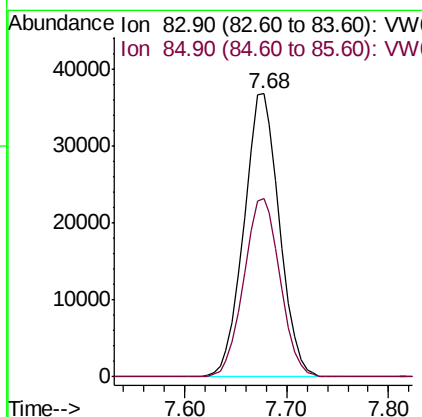
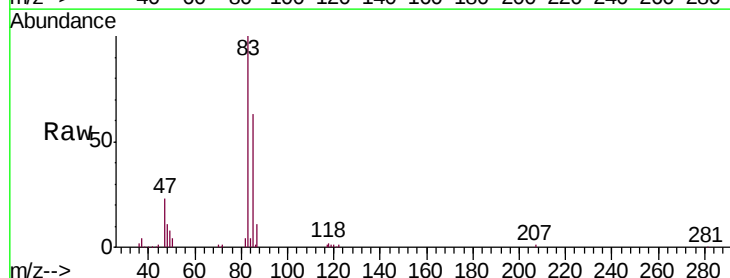
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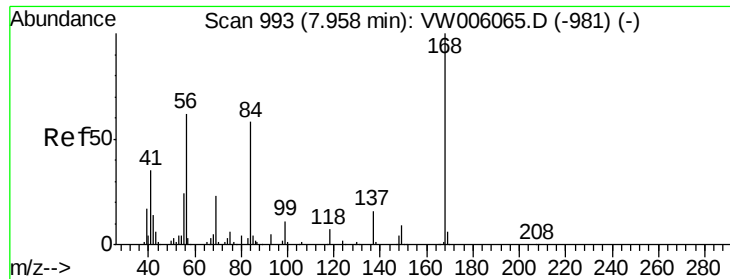
apatel
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#30
Chloroform
Concen: 23.555 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.6	79.0





#31

Cyclohexane

Concen: 19.486 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

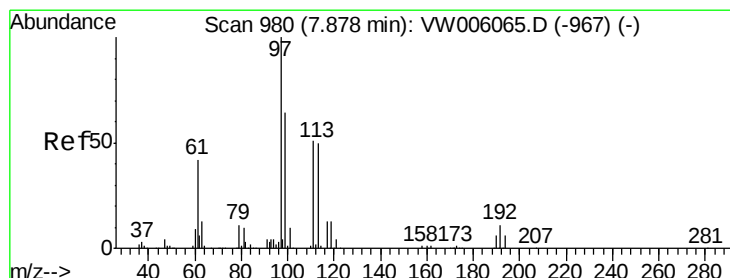
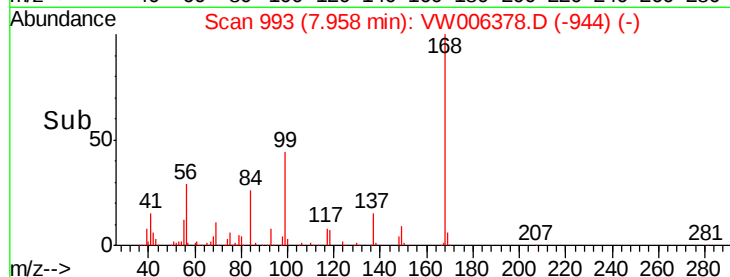
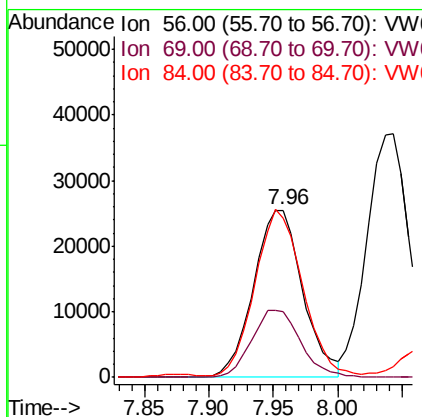
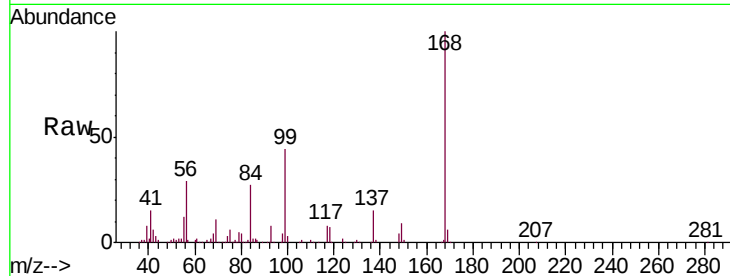
ClientSampleId :

VW1027SBS01

Tgt Ion:	56	Resp:	67296
Ion Ratio	Lower	Upper	
56	100		
69	39.5	29.4	44.0
84	93.6	74.0	111.0

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#32

1,1,1-Trichloroethane

Concen: 21.021 ug/l

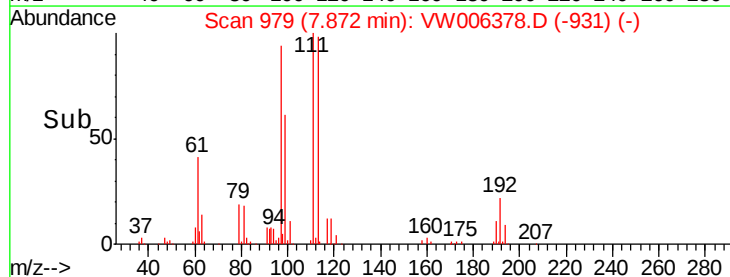
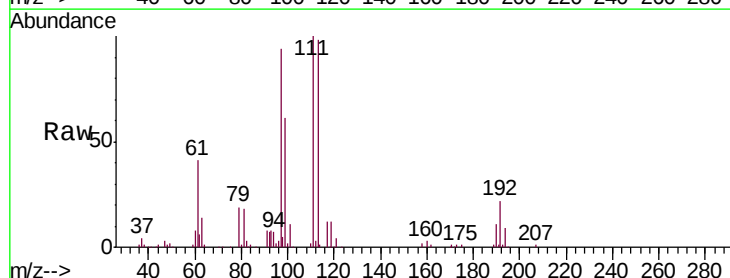
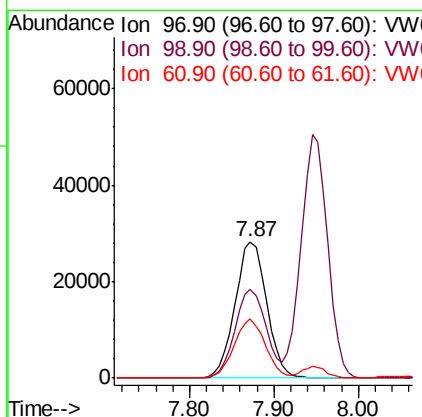
RT: 7.87 min Scan# 979

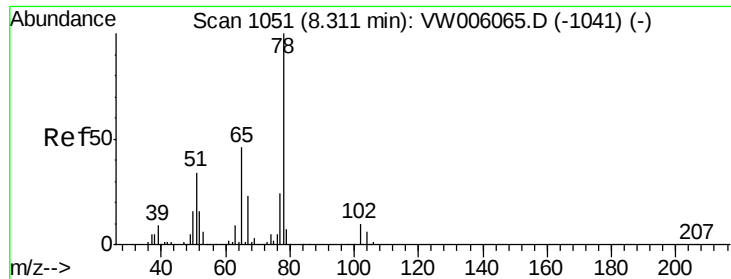
Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion:	97	Resp:	71646
Ion Ratio	Lower	Upper	
97	100		
99	64.5	50.9	76.3
61	42.8	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 49.564 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 65 Resp: 93543

Ion Ratio Lower Upper

65 100

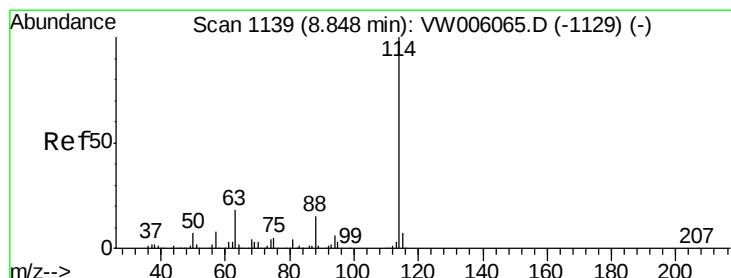
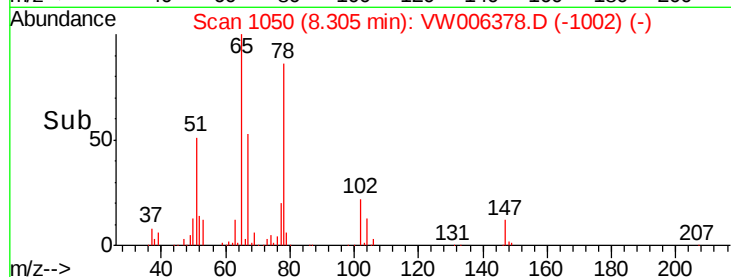
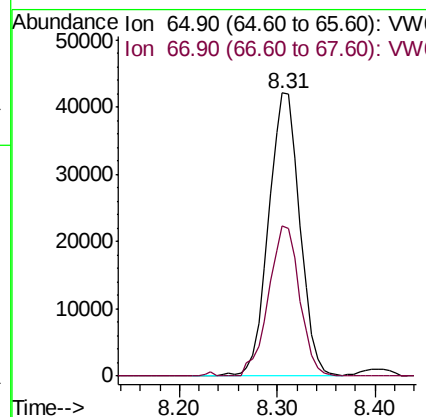
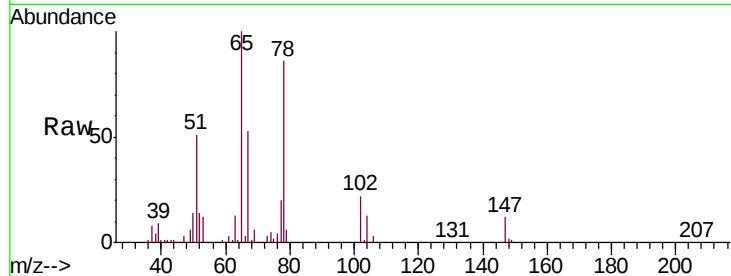
67 52.7 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

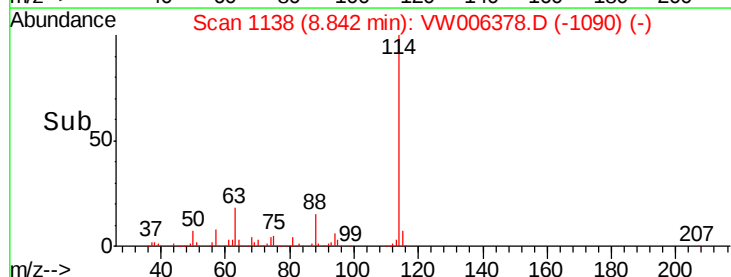
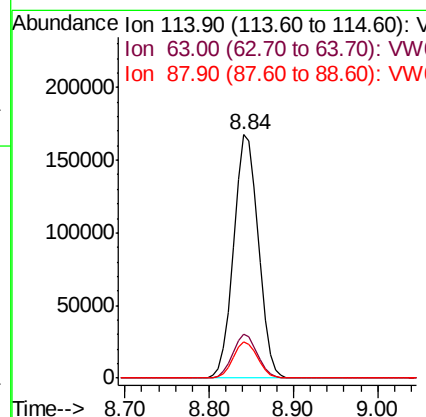
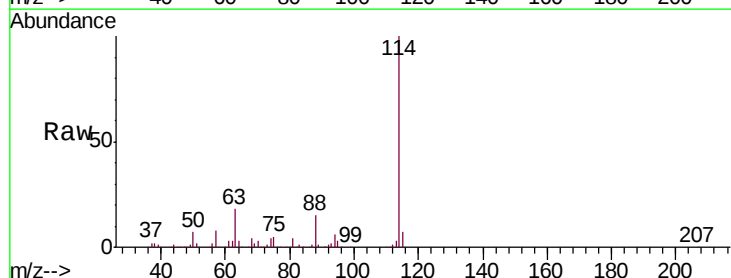
Tgt Ion: 114 Resp: 332306

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.8 0.0 29.0





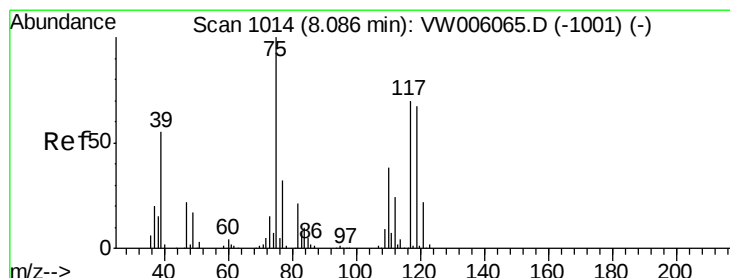
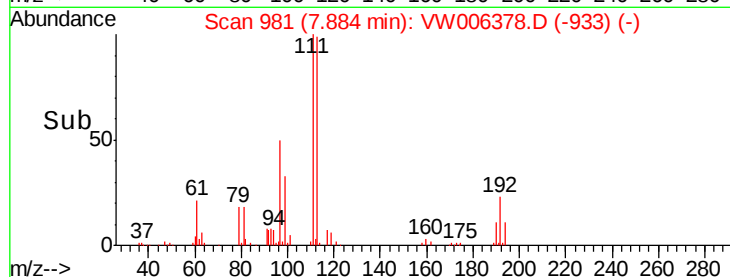
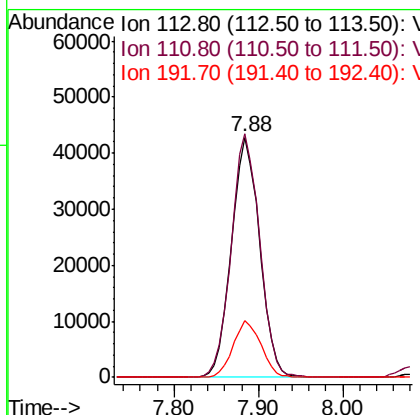
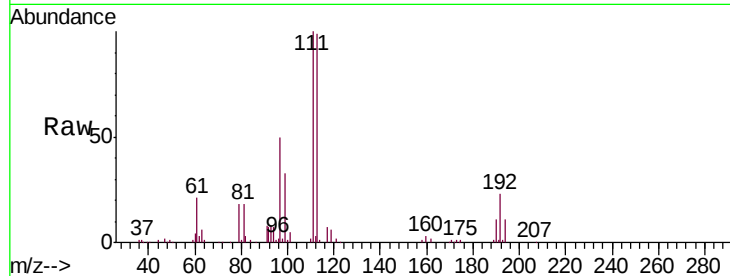
#35
 Dibromofluoromethane
 Concen: 49.450 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	23.2	18.7	28.1

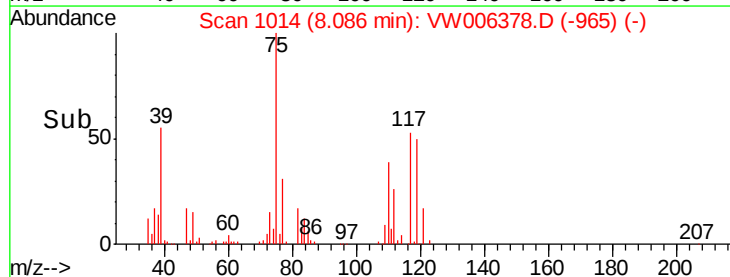
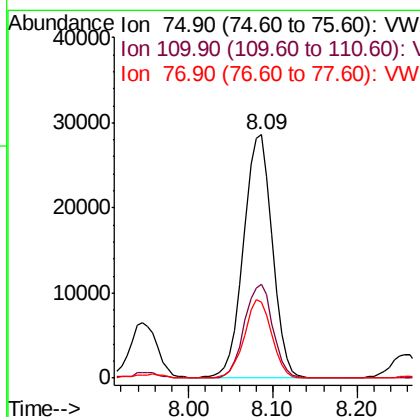
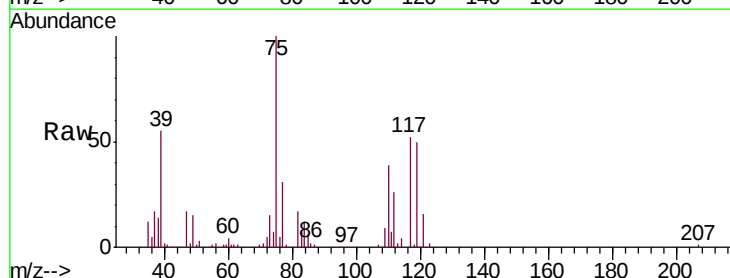
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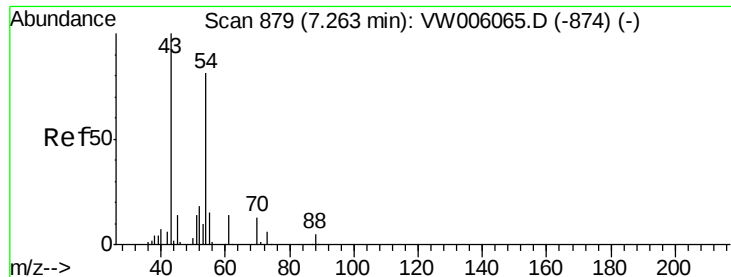
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#36
 1,1-Dichloropropene
 Concen: 21.660 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	19.1	57.1
77	30.7	25.0	37.4





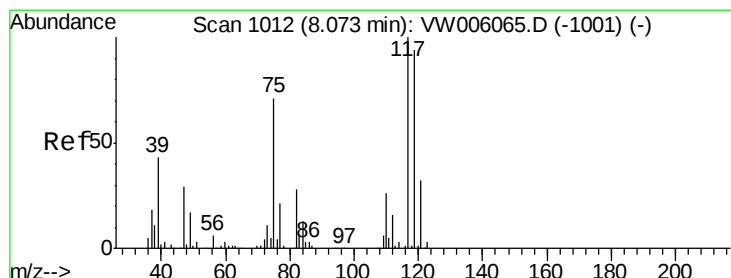
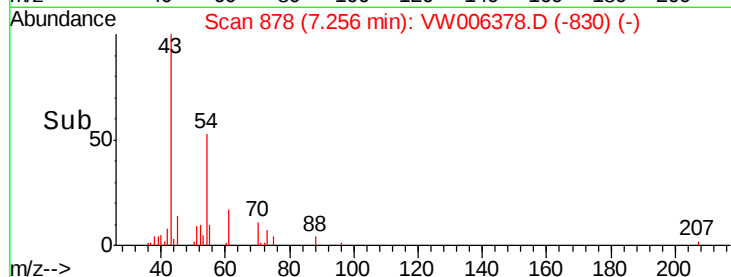
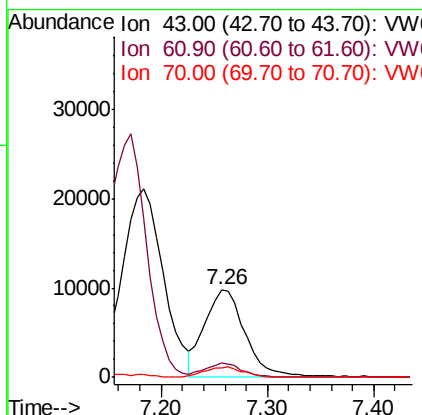
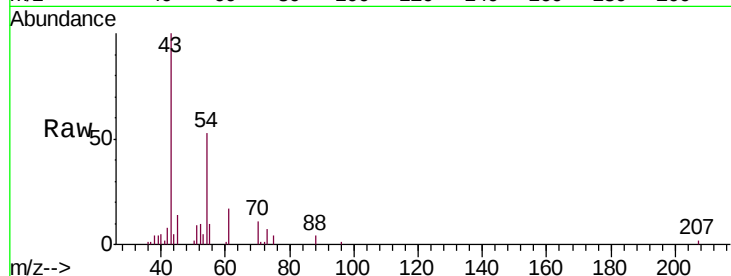
#37
Ethyl Acetate
Concen: 22.951 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.2	9.2	13.8

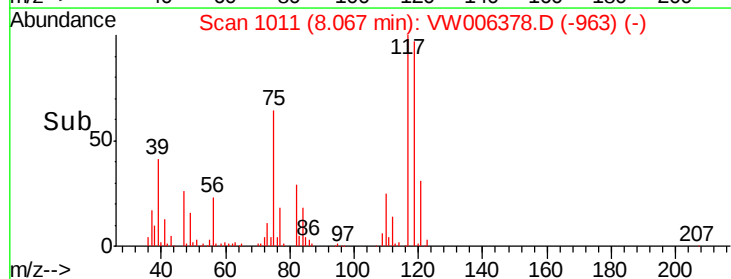
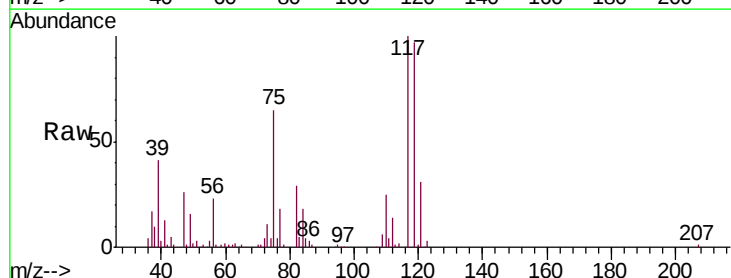
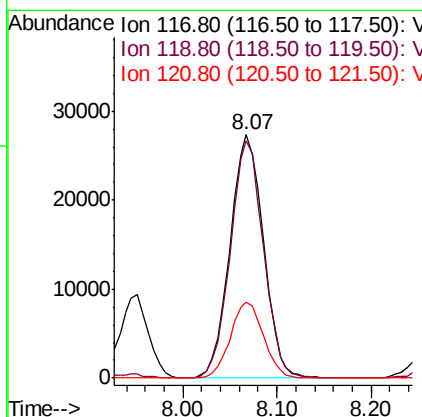
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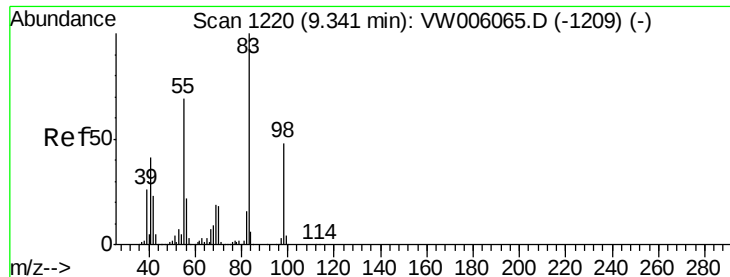
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#38
Carbon Tetrachloride
Concen: 20.066 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.2	112.8
121	31.2	25.3	37.9





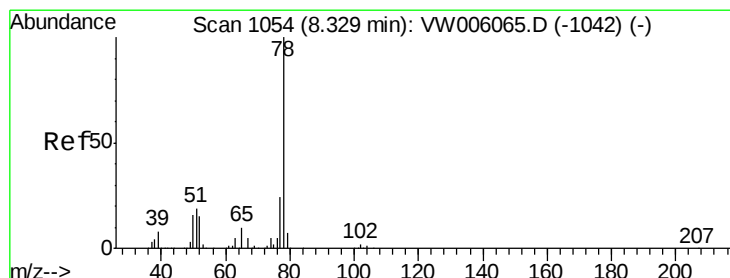
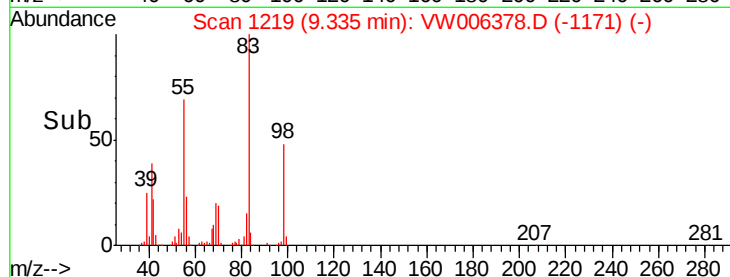
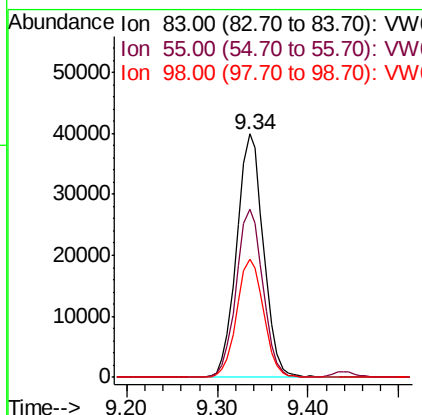
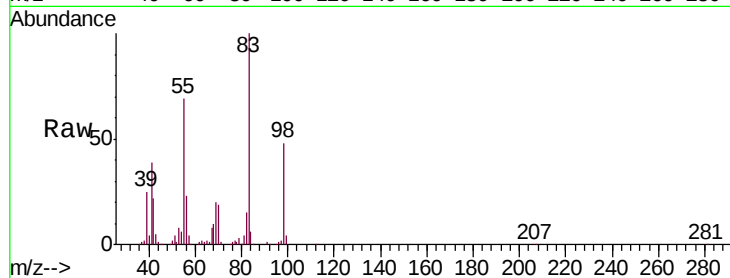
#39
Methylcyclohexane
Concen: 20.061 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.1	55.0	82.6
98	48.5	38.6	57.8

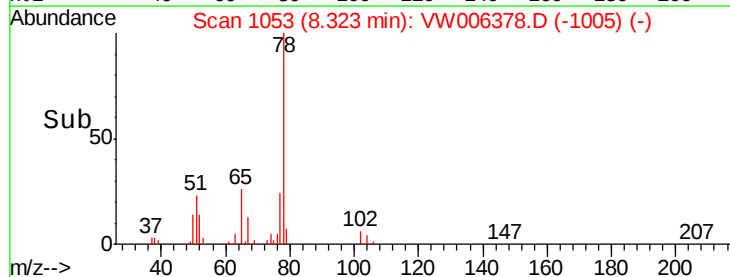
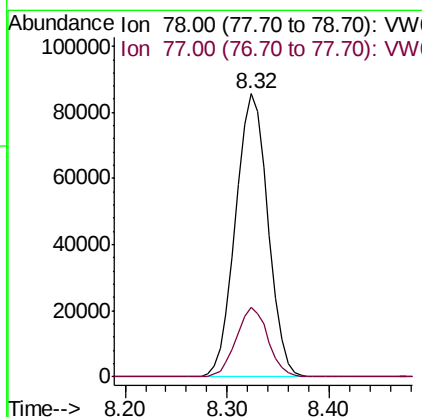
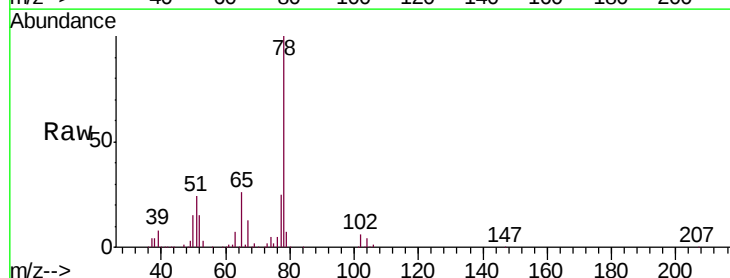
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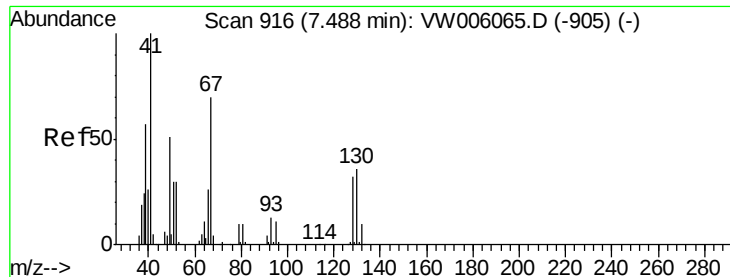
apatel
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#40
Benzene
Concen: 22.499 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





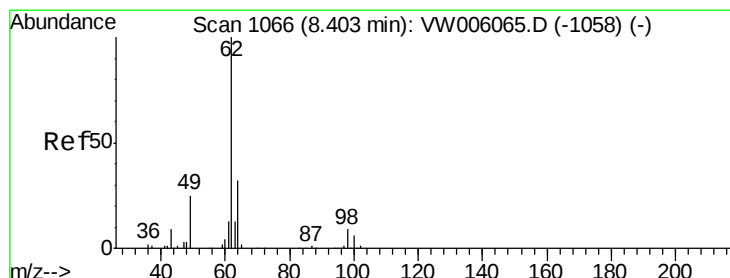
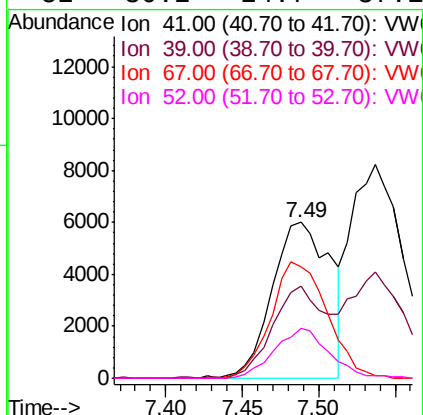
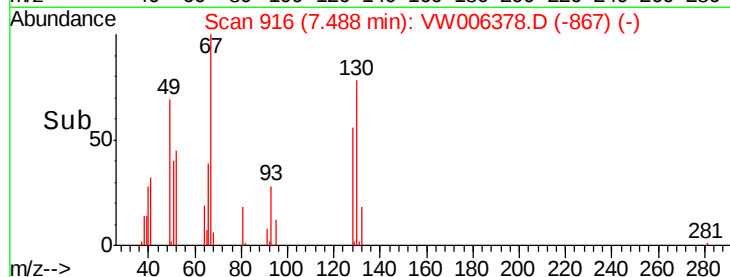
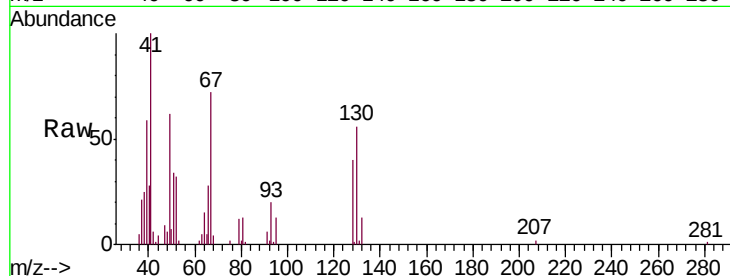
#41
Methacrylonitrile
Concen: 23.251 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	50.9	46.2	69.4
67	72.2	57.7	86.5
52	30.2	24.7	37.1

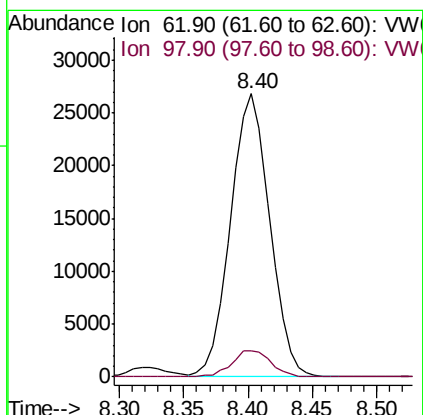
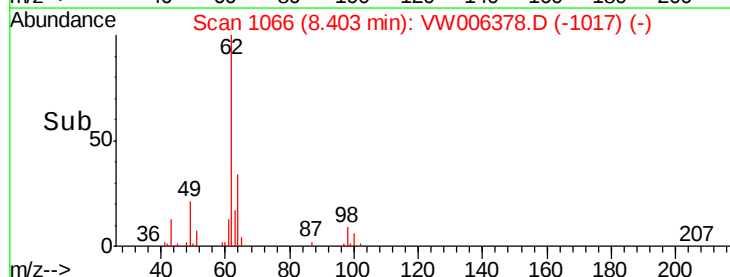
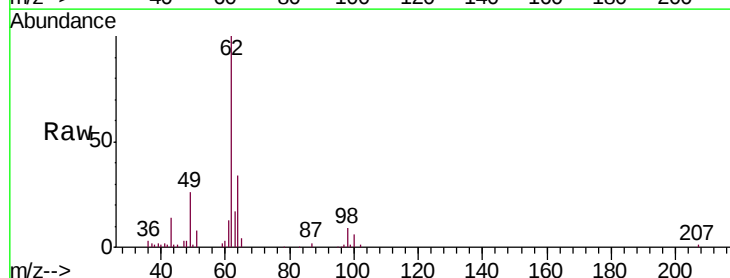
Manual Integrations
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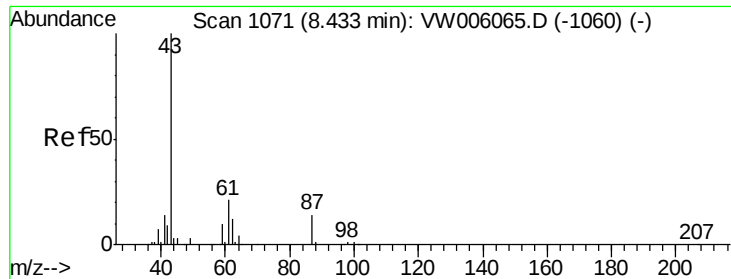
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#42
1,2-Dichloroethane
Concen: 22.976 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





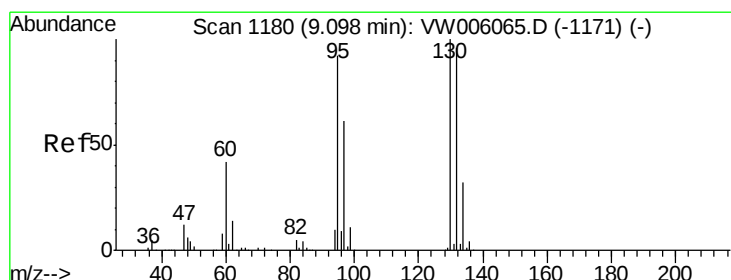
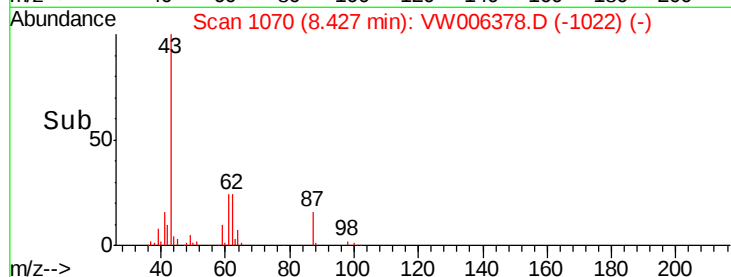
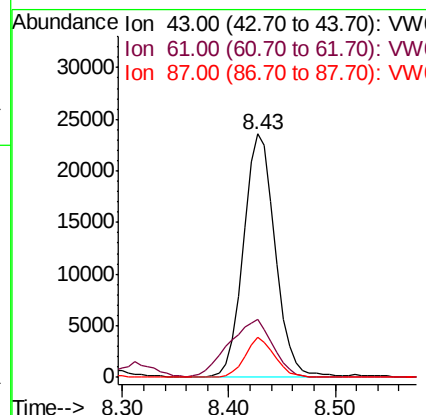
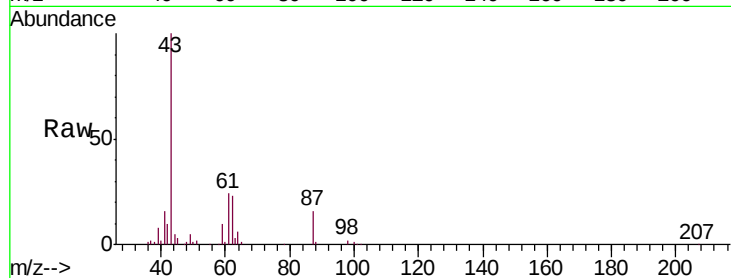
#43
Isopropyl Acetate
Concen: 21.293 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.6	25.5	38.3
87	15.2	11.7	17.5

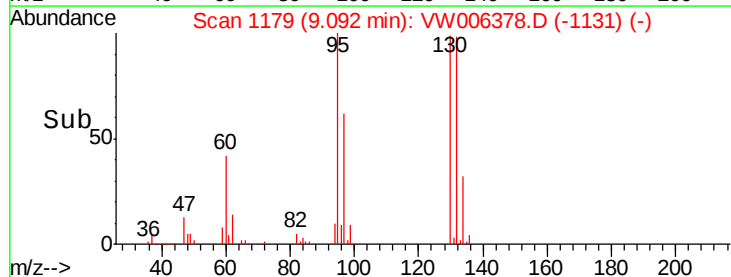
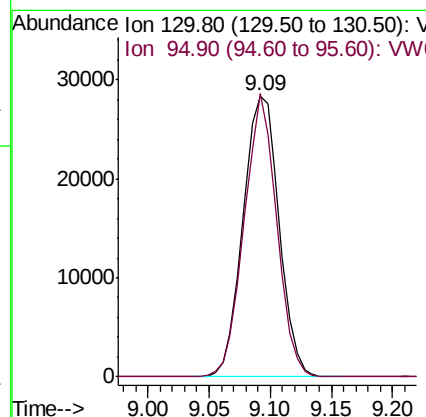
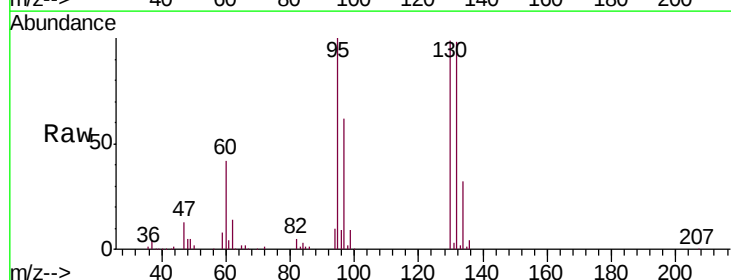
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#44
Trichloroethene
Concen: 22.491 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	183.2





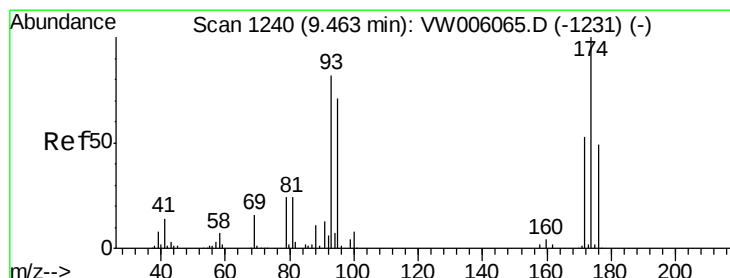
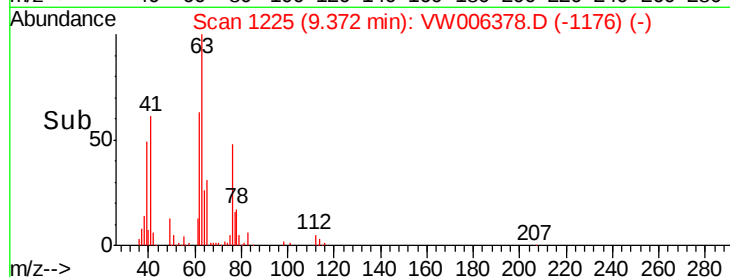
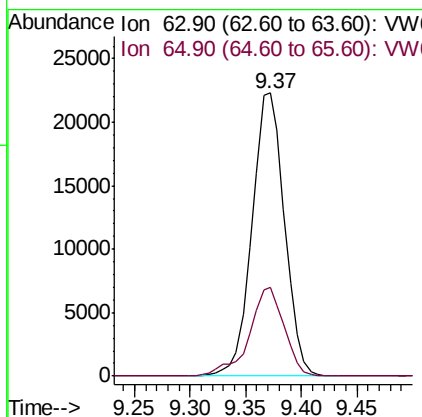
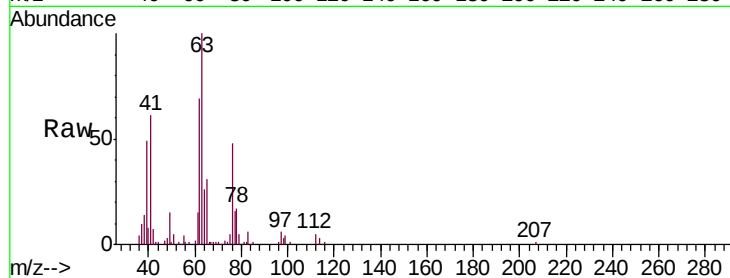
#45
 1,2-Dichloropropane
 Concen: 22.566 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion: 63 Resp: 45370
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.4 38.0

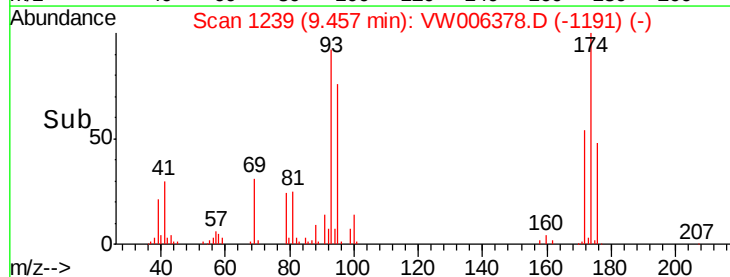
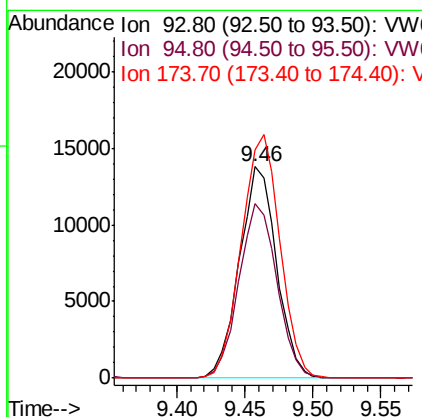
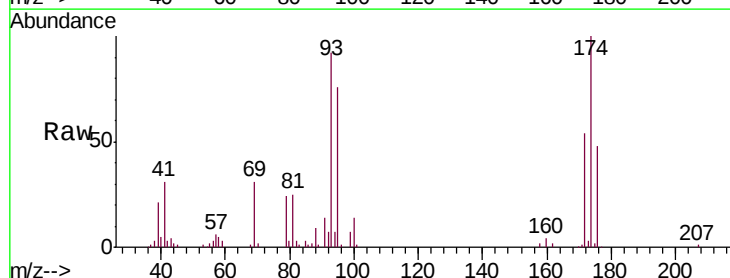
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#46
 Dibromomethane
 Concen: 23.134 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion: 93 Resp: 26509
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.7 101.5
 174 119.3 93.7 140.5





#47

Bromodichloromethane

Concen: 21.666 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

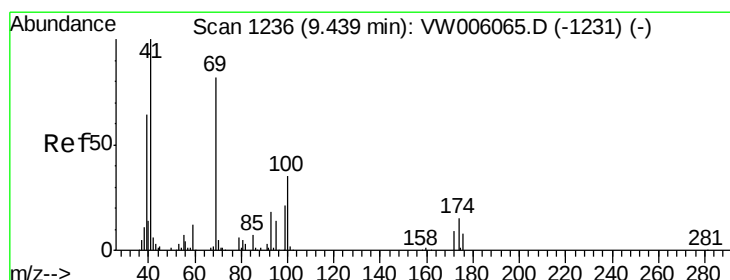
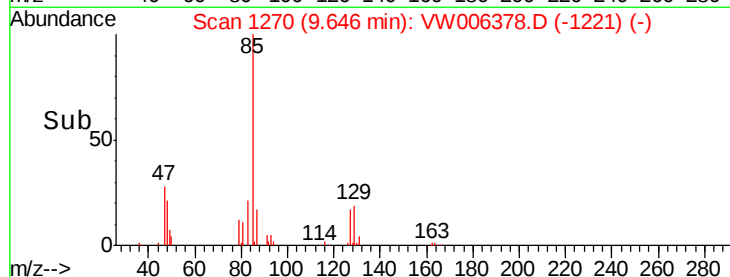
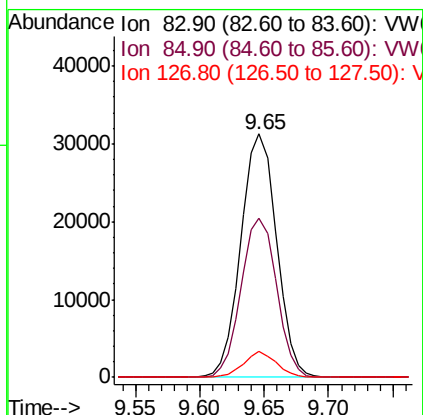
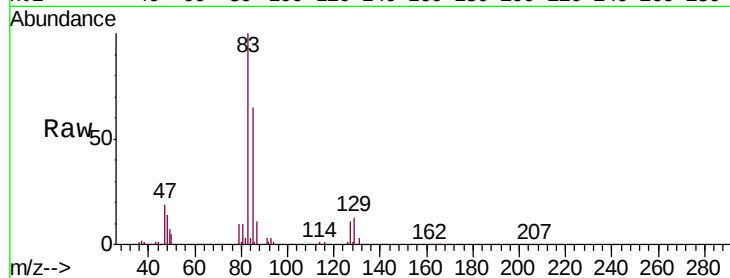
ClientSampleId :

VW1027SBS01

Tgt Ion:	83	Resp:	60191
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.8	77.8
127	10.8	6.9	10.3#

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#48

Methyl methacrylate

Concen: 21.670 ug/l

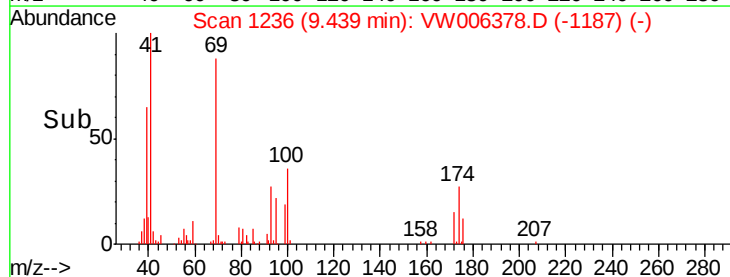
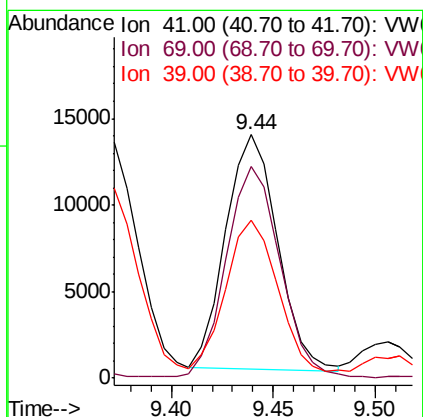
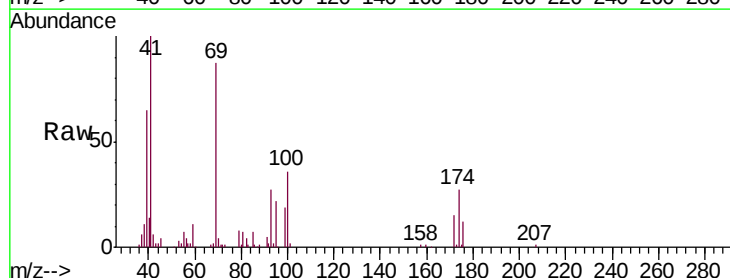
RT: 9.44 min Scan# 1236

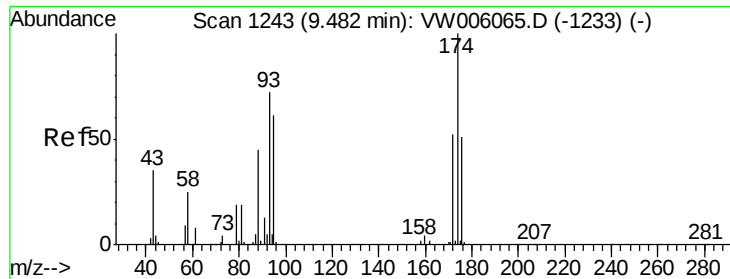
Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion:	41	Resp:	23901
Ion Ratio	Lower	Upper	
41	100		
69	94.6	71.8	107.8
39	64.2	52.5	78.7





#49

1,4-Dioxane

Concen: 478.328 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

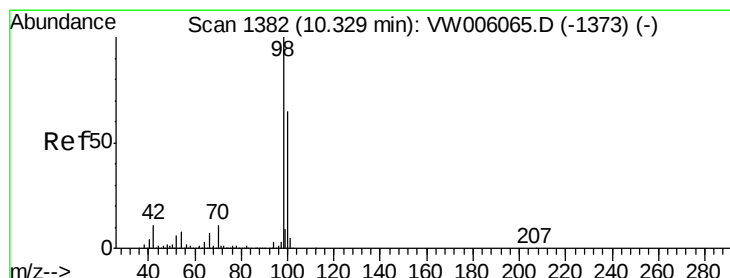
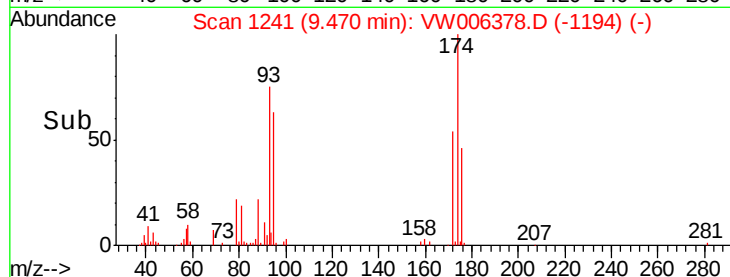
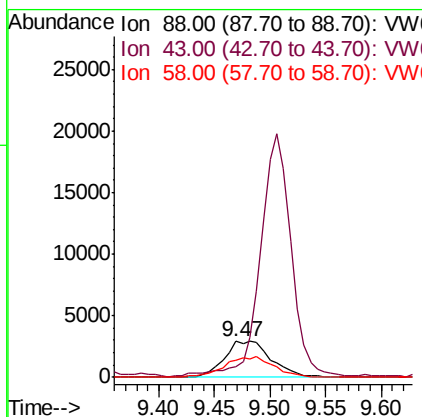
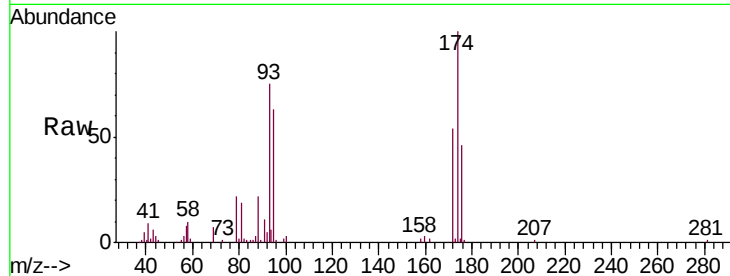
ClientSampleId :

VW1027SBS01

Tgt Ion:	88	Resp:	8438
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	61.5	51.2	76.8

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#50

Toluene-d8

Concen: 47.831 ug/l

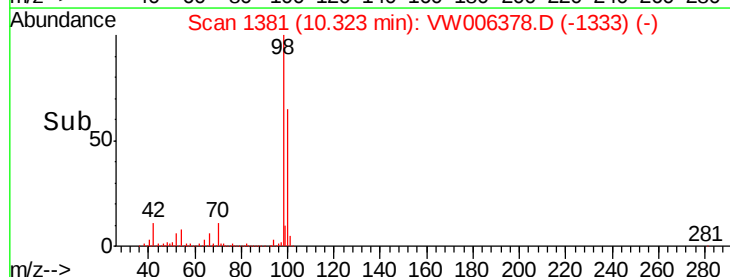
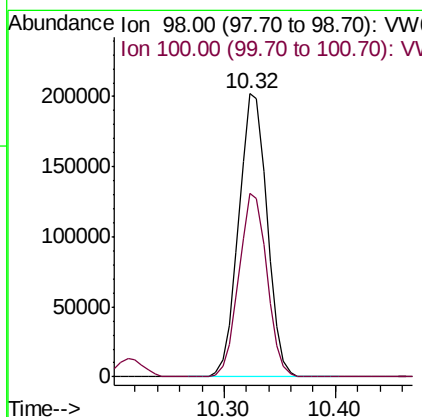
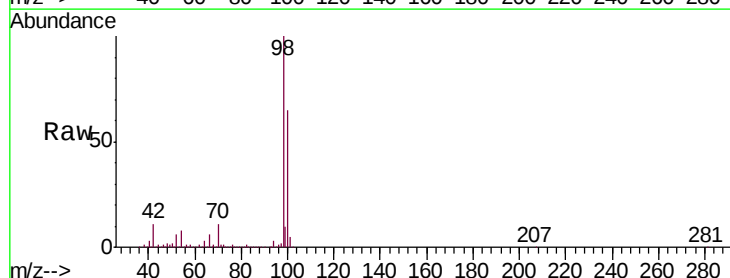
RT: 10.32 min Scan# 1381

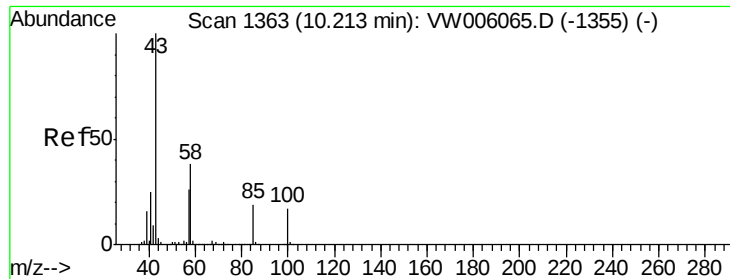
Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion:	98	Resp:	357322
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.6	77.4





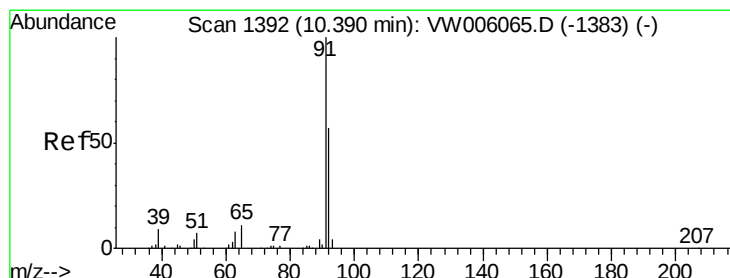
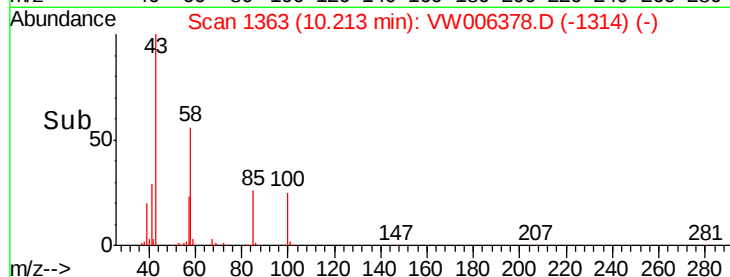
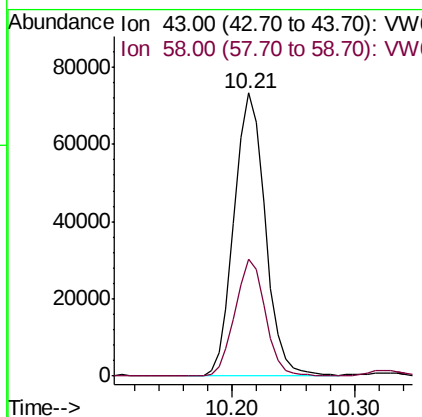
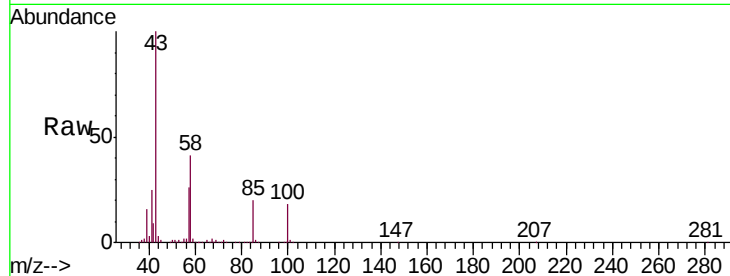
#51
 4-Methyl-2-Pentanone
 Concen: 110.992 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.5	47.3

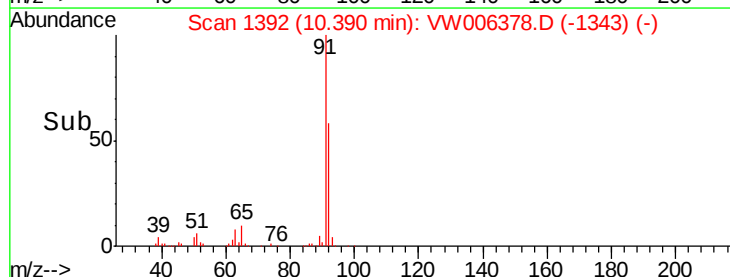
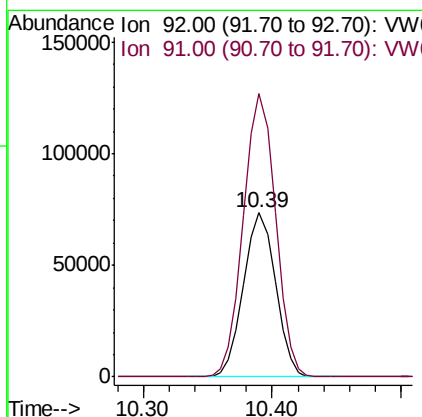
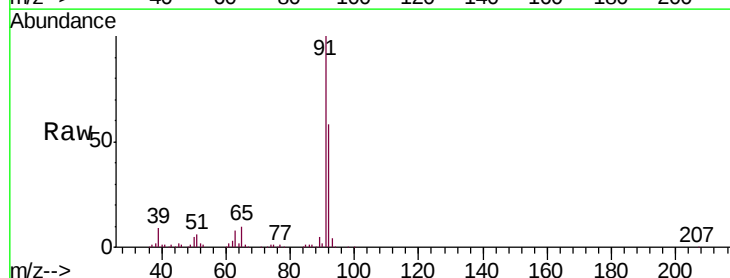
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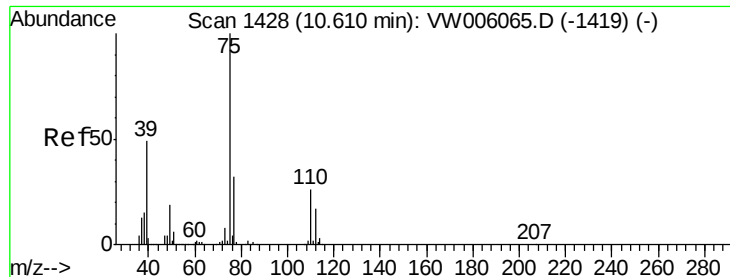
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#52
 Toluene
 Concen: 22.603 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	140.0	210.0





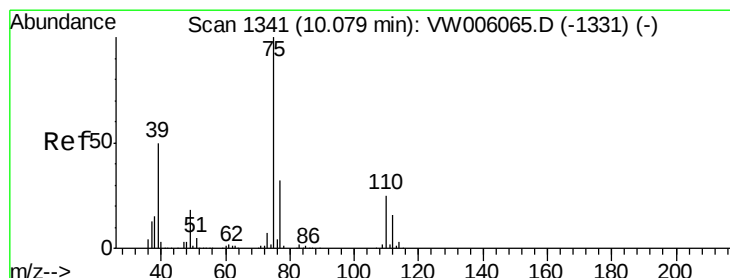
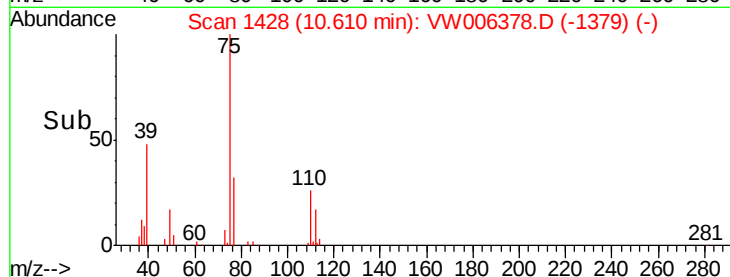
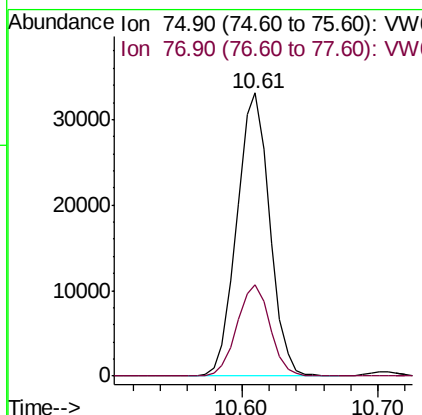
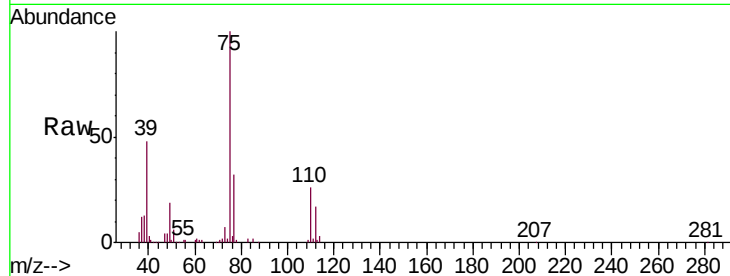
#53
t-1,3-Dichloropropene
Concen: 20.119 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion: 75 Resp: 55689
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

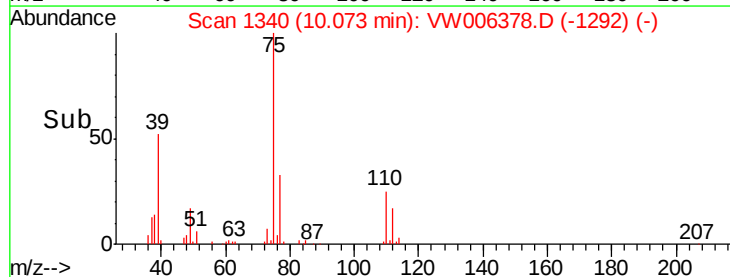
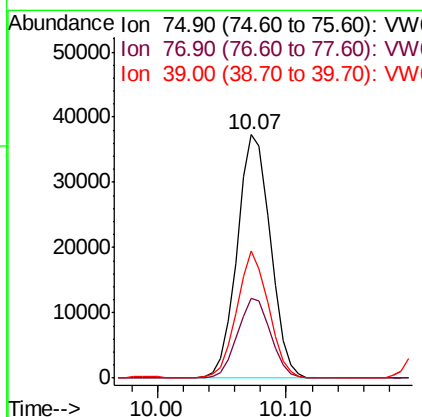
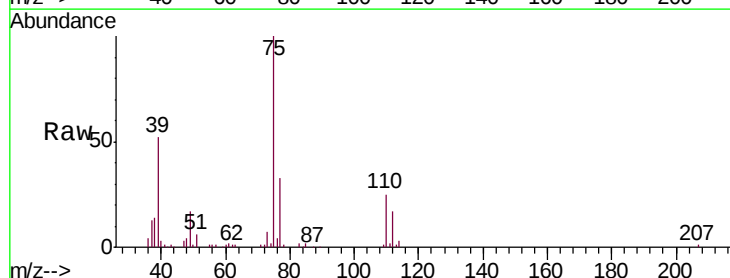
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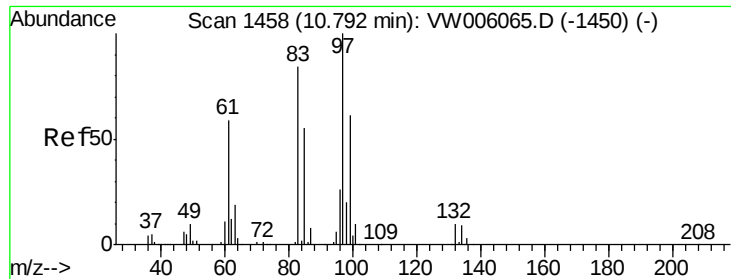
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#54
cis-1,3-Dichloropropene
Concen: 20.949 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 75 Resp: 66551
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 52.3 39.9 59.9





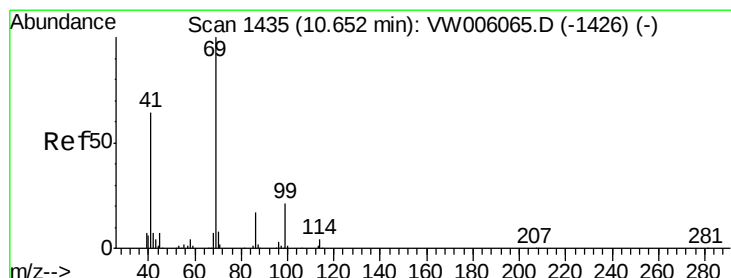
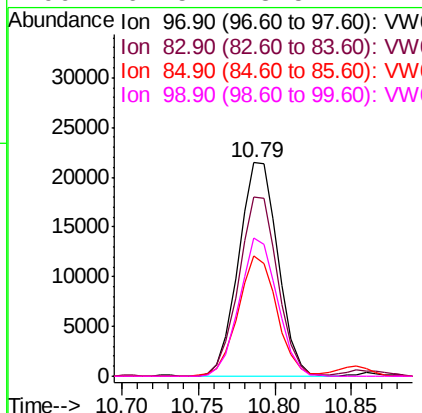
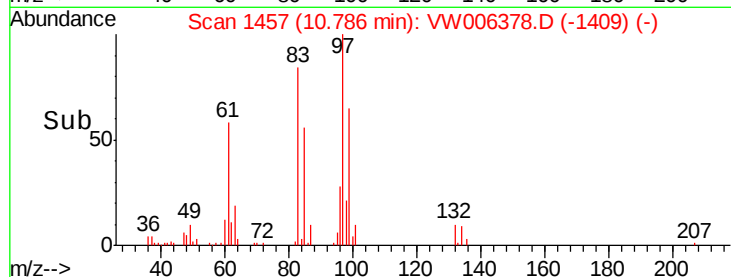
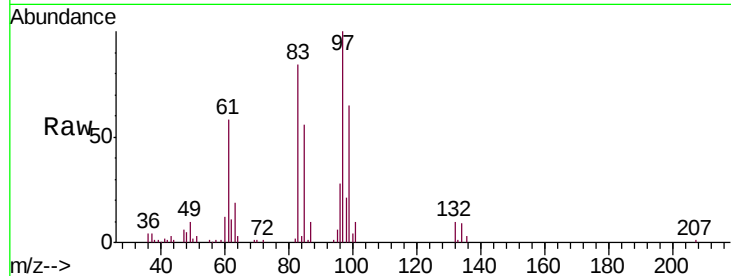
#55
 1,1,2-Trichloroethane
 Concen: 24.007 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	38496		
83	83.7	67.2	100.8	
85	56.2	43.7	65.5	
99	64.5	48.5	72.7	

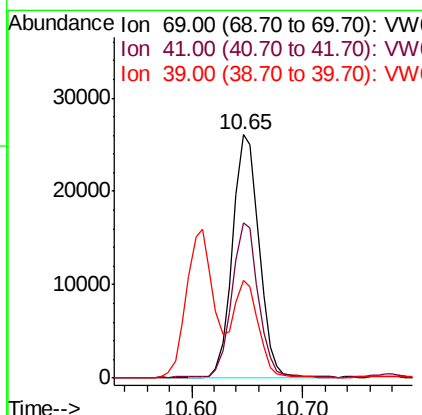
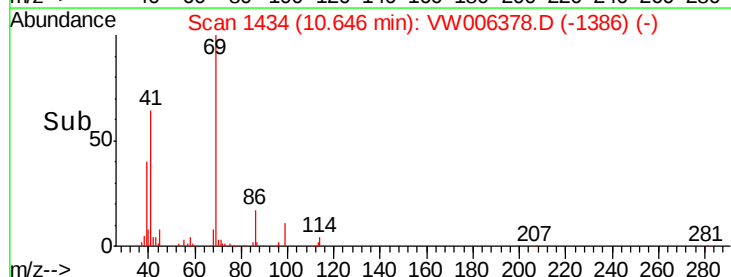
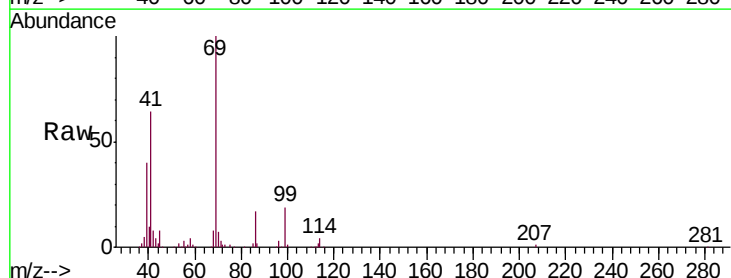
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#56
 Ethyl methacrylate
 Concen: 22.043 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	43333		
41	65.6	52.8	79.2	
39	39.0	30.6	45.8	





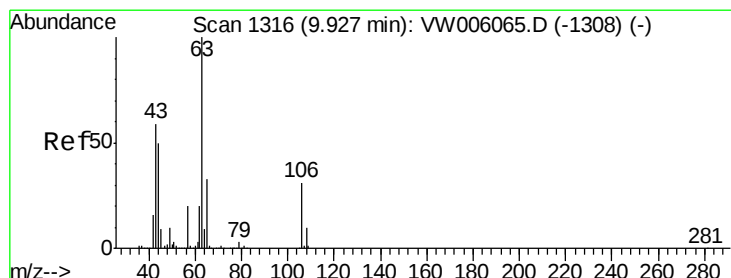
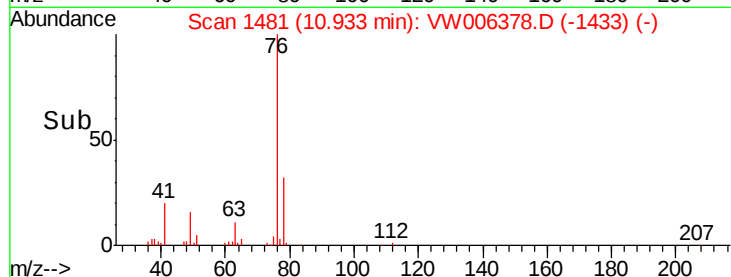
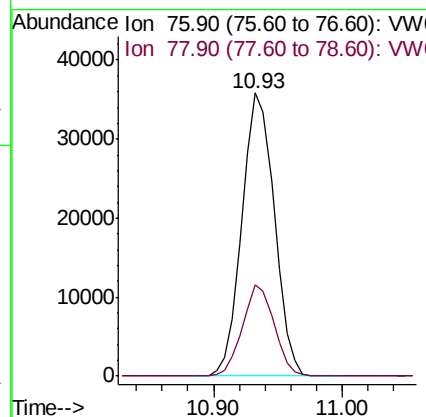
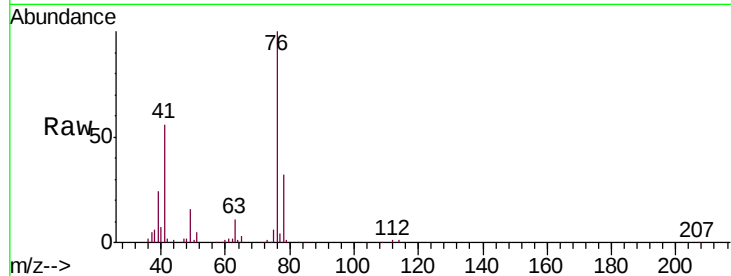
#57
 1,3-Dichloropropane
 Concen: 23.535 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion: 76 Resp: 62474
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.9 38.9

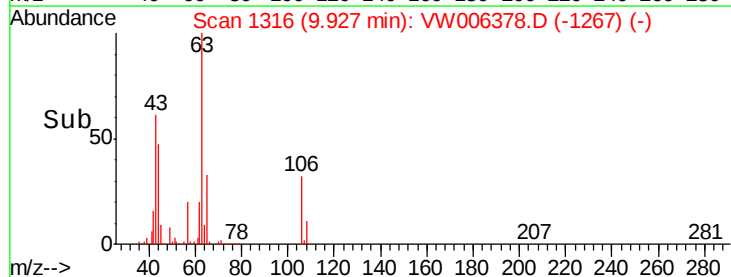
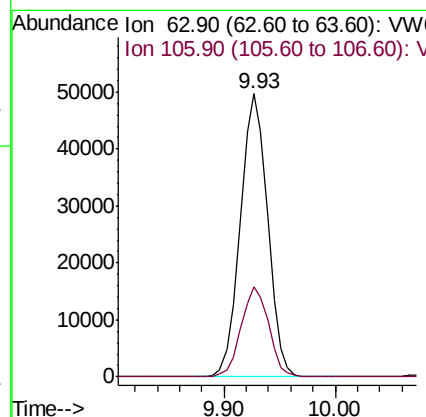
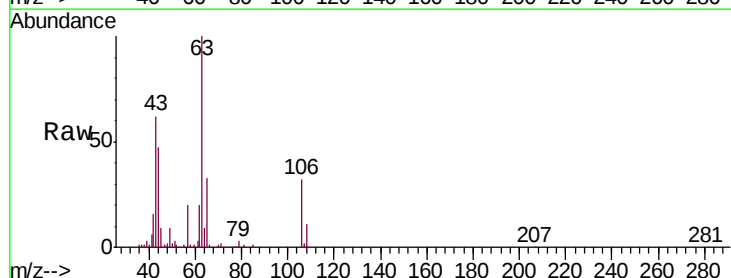
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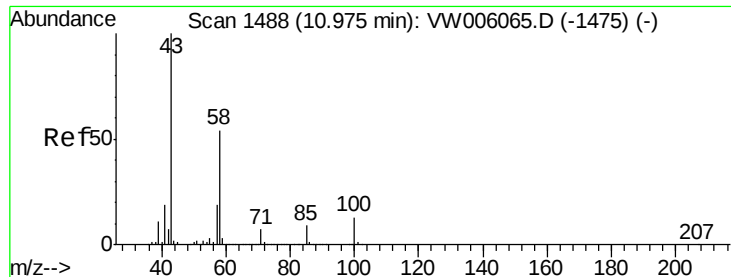
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#58
 2-Chloroethyl Vinyl ether
 Concen: 112.330 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion: 63 Resp: 84378
 Ion Ratio Lower Upper
 63 100
 106 31.9 24.5 36.7





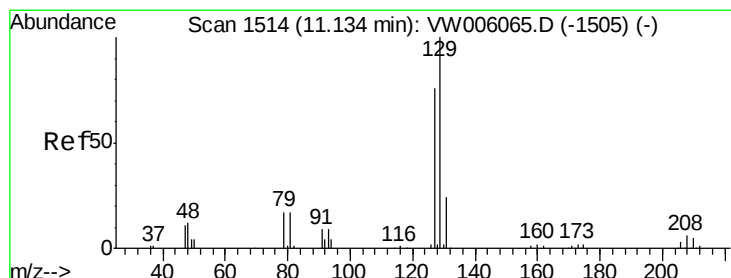
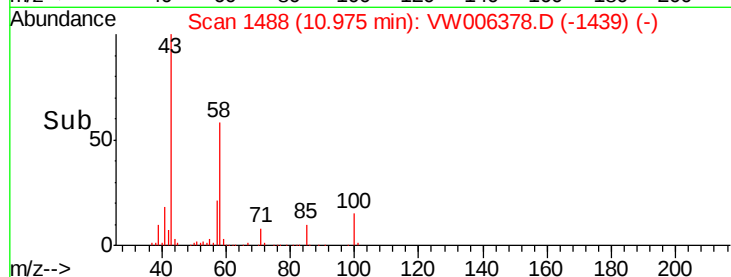
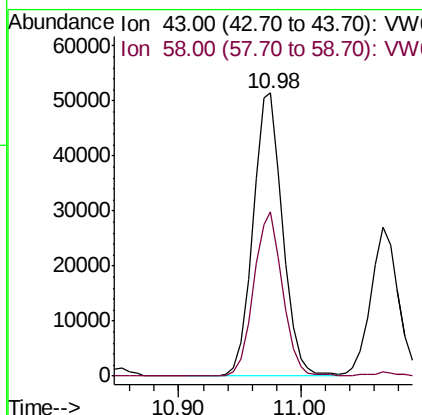
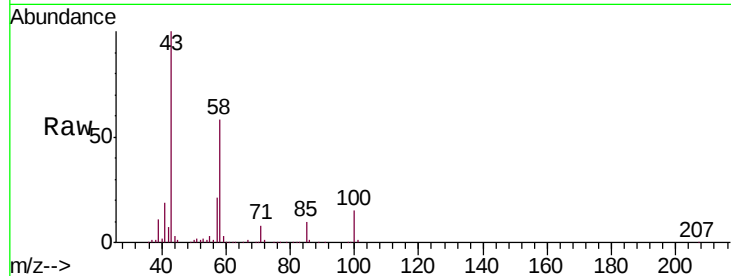
#59
2-Hexanone
Concen: 104.301 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion: 43 Resp: 86799
Ion Ratio Lower Upper
43 100
58 56.3 26.9 80.6

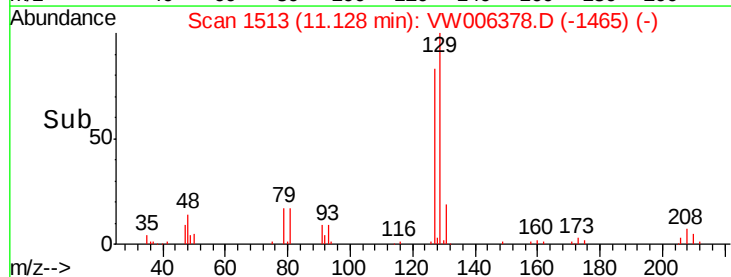
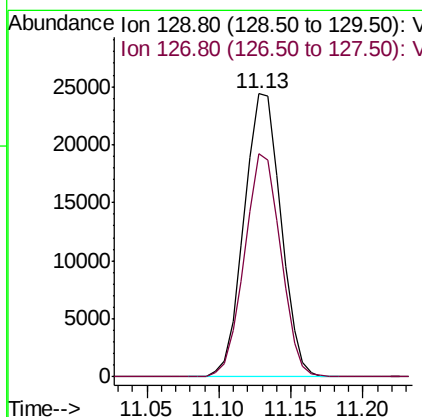
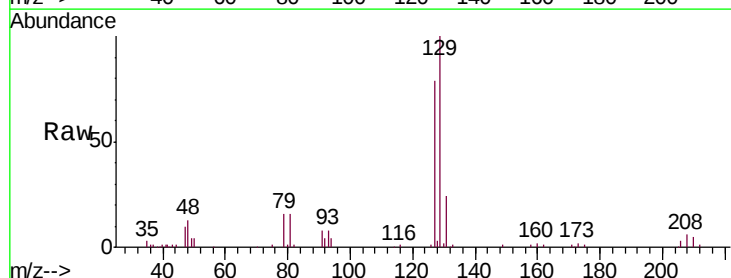
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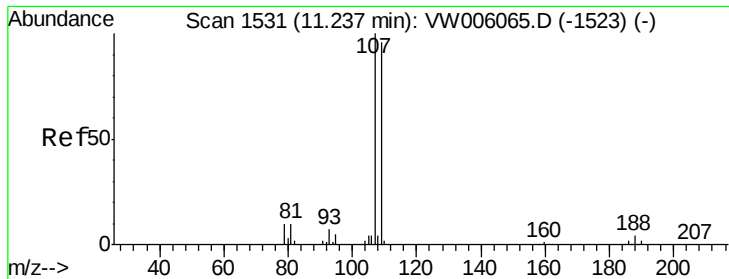
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#60
Dibromochloromethane
Concen: 21.634 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 129 Resp: 43211
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





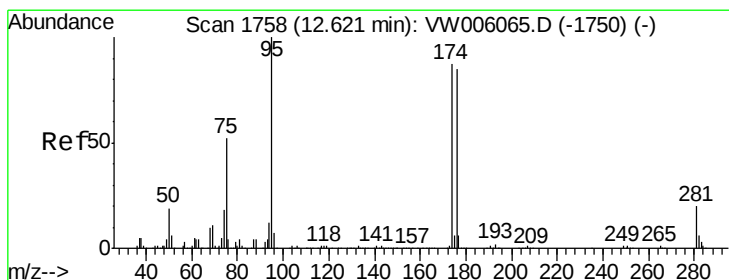
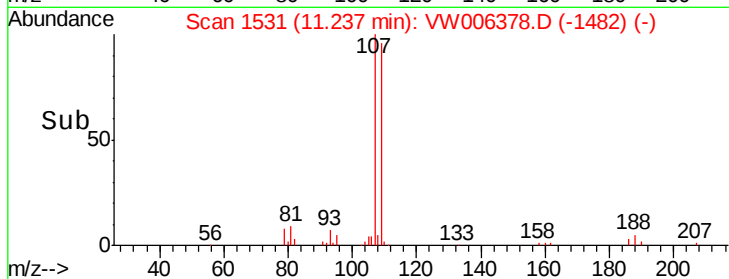
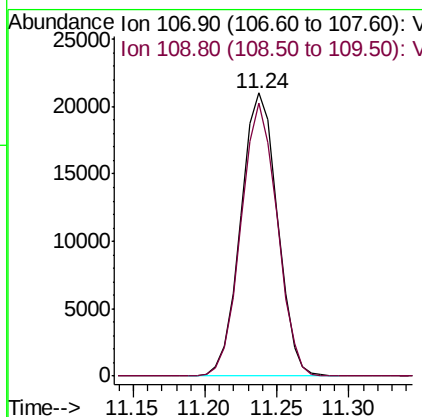
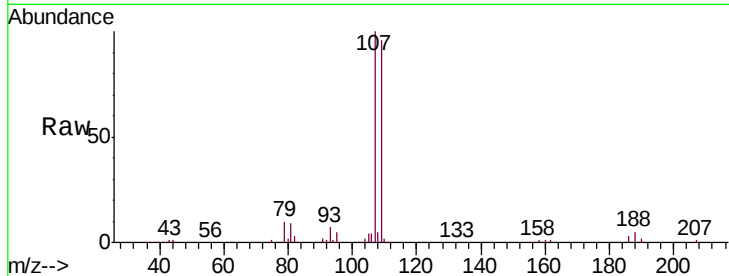
#61
 1,2-Dibromoethane
 Concen: 23.118 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion: 107 Resp: 37041
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.3 114.5

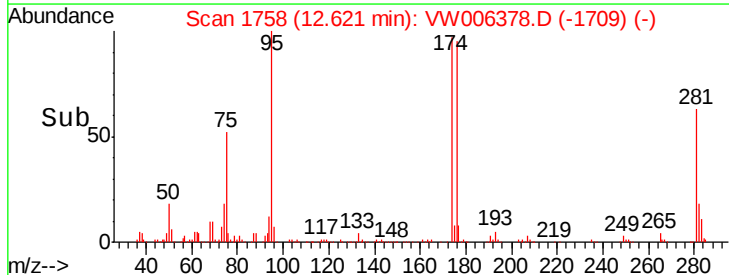
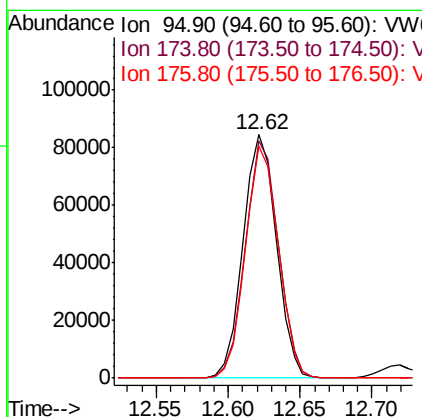
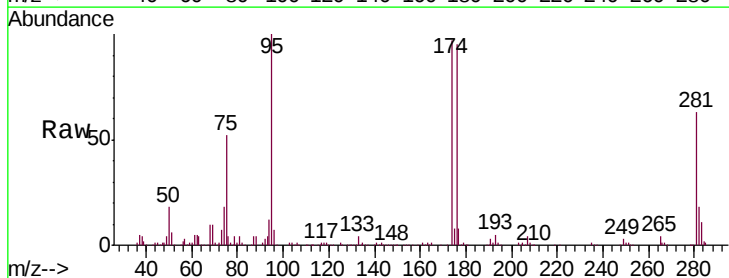
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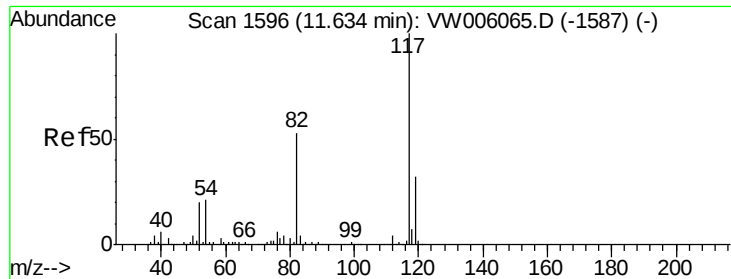
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.254 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion: 95 Resp: 135391
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 186.0
 176 94.2 0.0 181.6





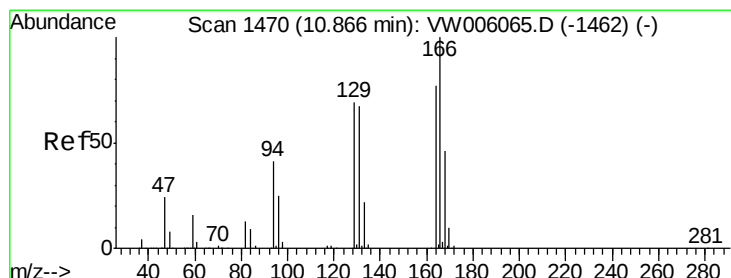
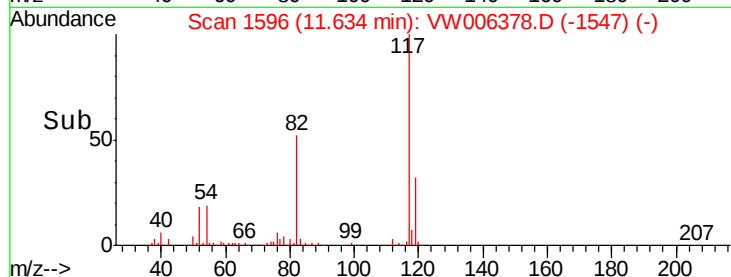
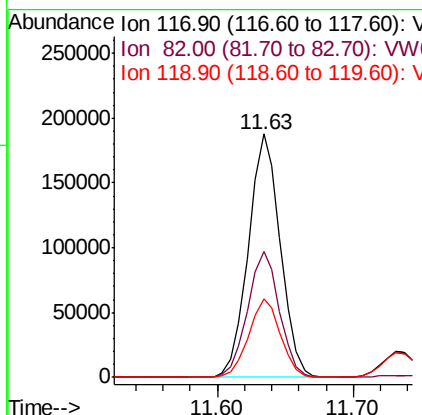
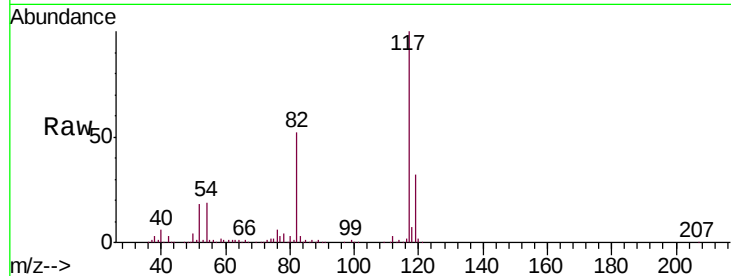
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	307411		
82	51.5	42.1	63.1	
119	32.1	25.8	38.6	

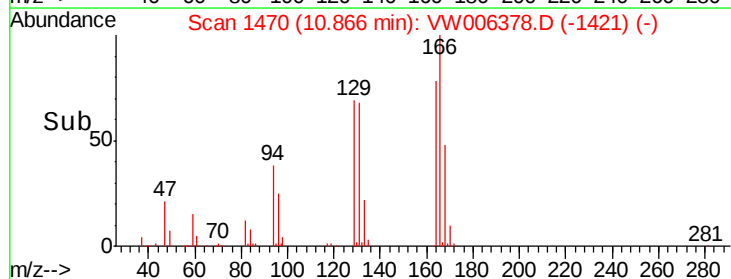
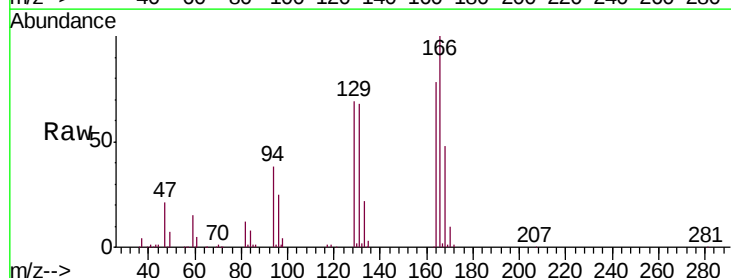
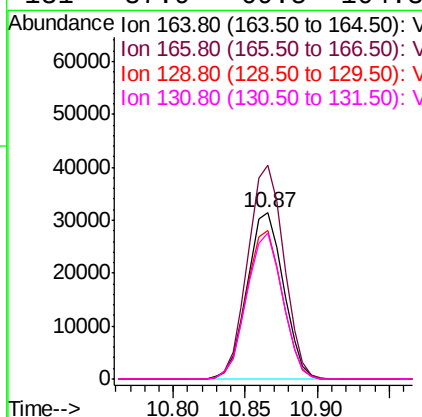
Manual Integrations
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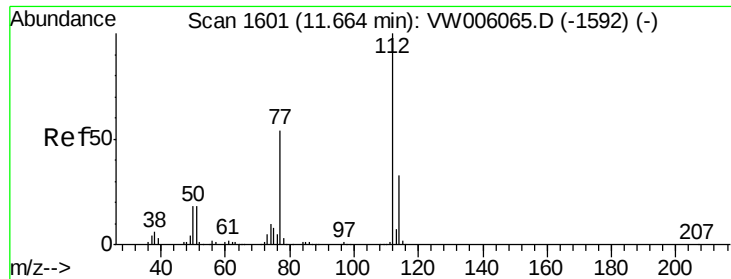
apatel
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#64
Tetrachloroethene
Concen: 22.960 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54793		
166	128.8	103.4	155.0	
129	89.5	71.8	107.8	
131	87.9	69.5	104.3	





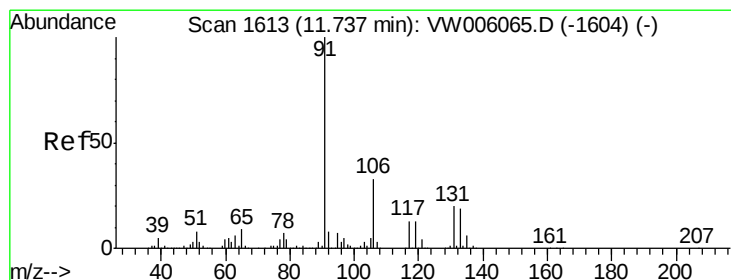
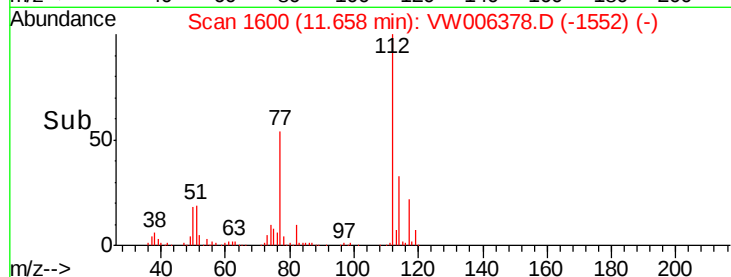
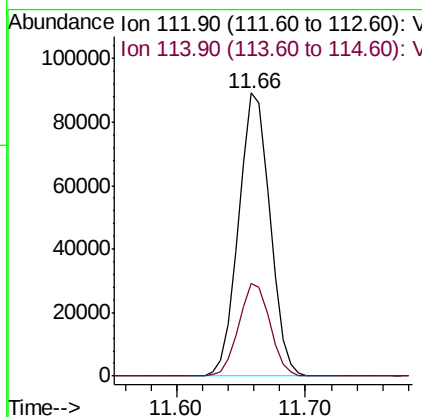
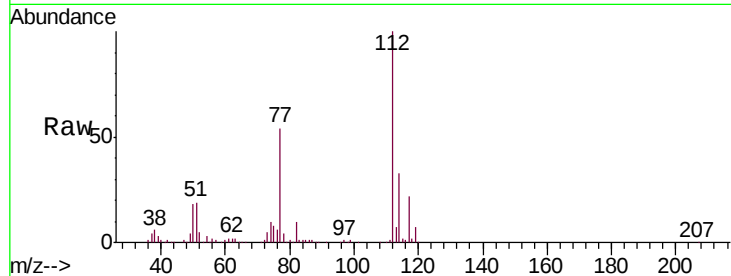
#65
Chlorobenzene
Concen: 22.790 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion:112 Resp: 149976
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

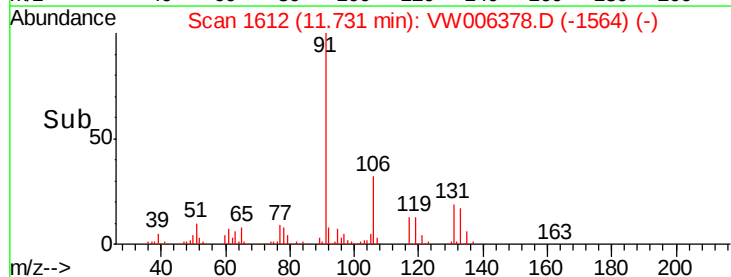
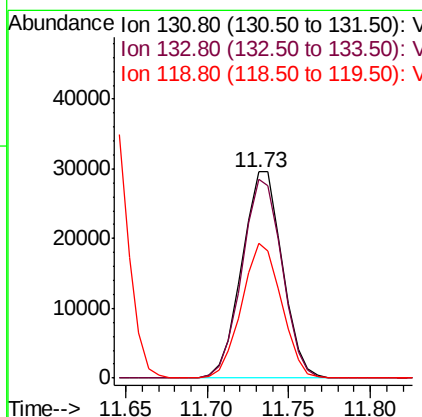
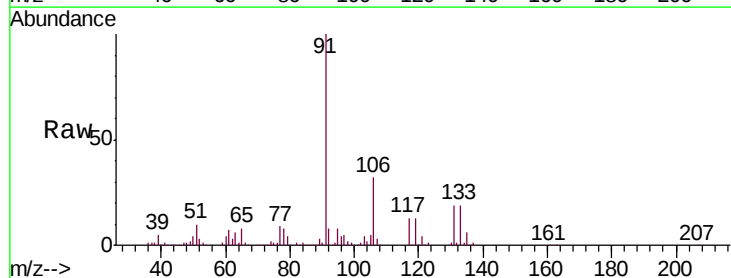
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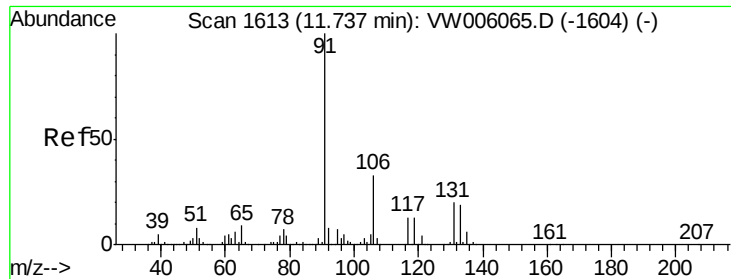
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.829 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion:131 Resp: 51051
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.3
119 64.7 31.6 94.7





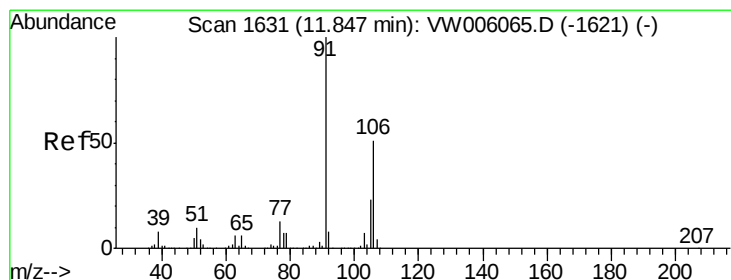
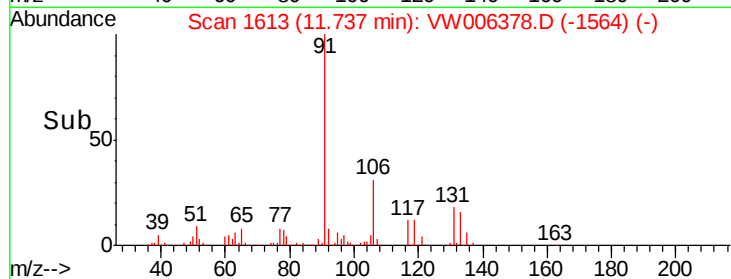
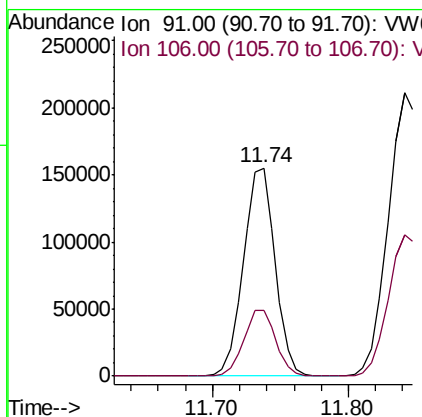
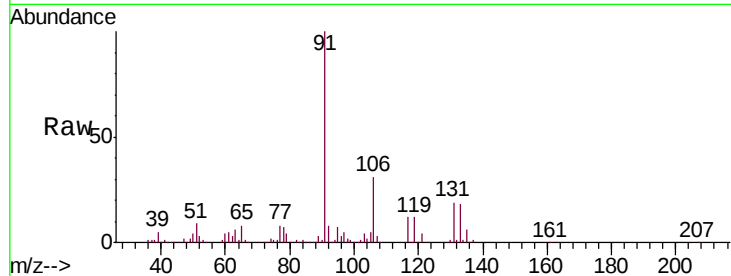
#67
Ethyl Benzene
Concen: 22.152 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion: 91 Resp: 252631
Ion Ratio Lower Upper
91 100
106 31.3 26.1 39.1

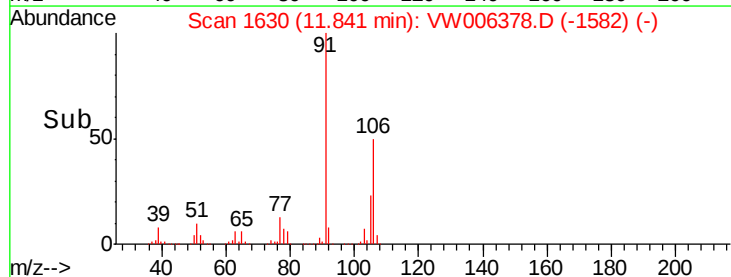
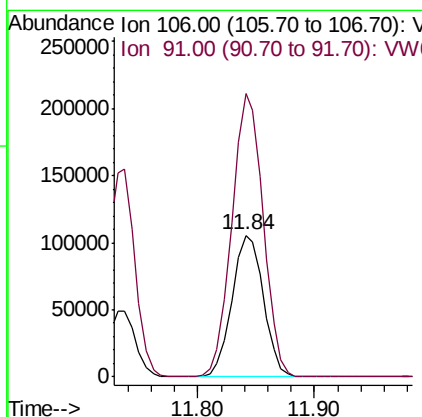
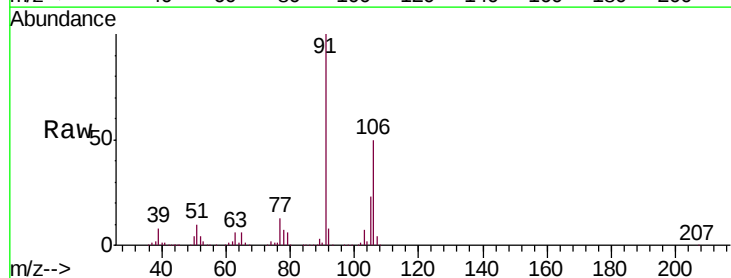
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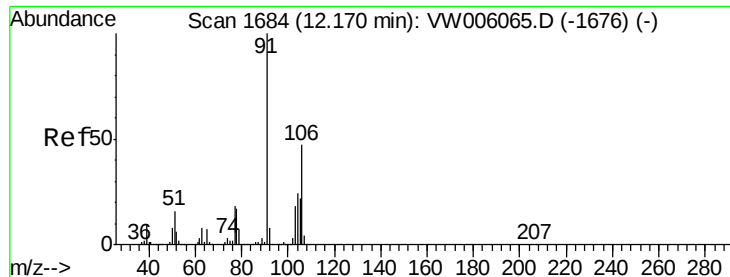
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#68
m/p-Xylenes
Concen: 43.947 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 106 Resp: 198100
Ion Ratio Lower Upper
106 100
91 198.7 159.1 238.7





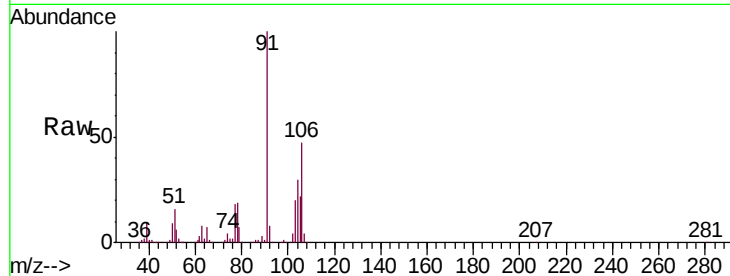
#69
o-Xylene
Concen: 22.071 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

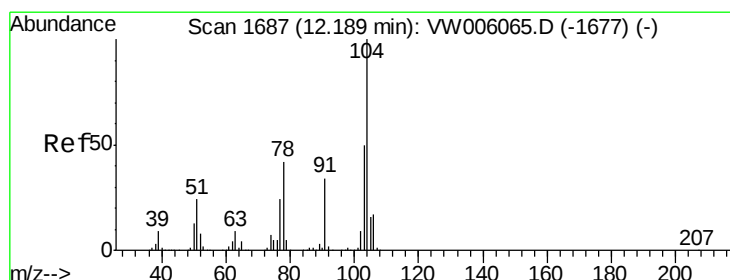
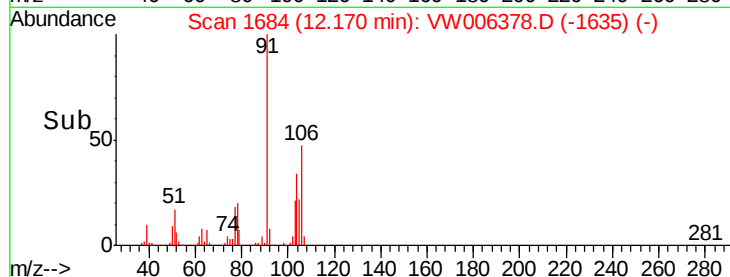
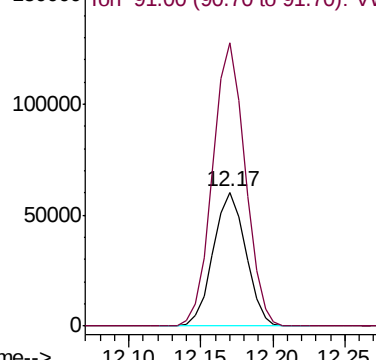
Tgt Ion:106 Resp: 94815
Ion Ratio Lower Upper
106 100
91 210.6 105.4 316.1

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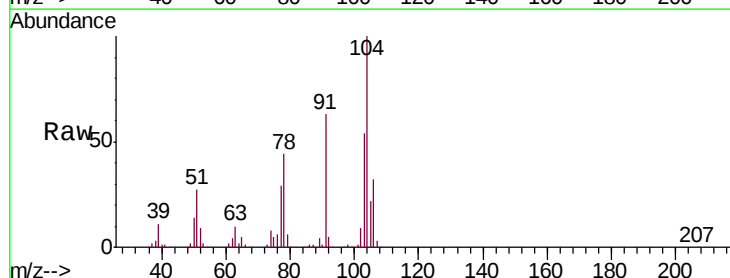


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

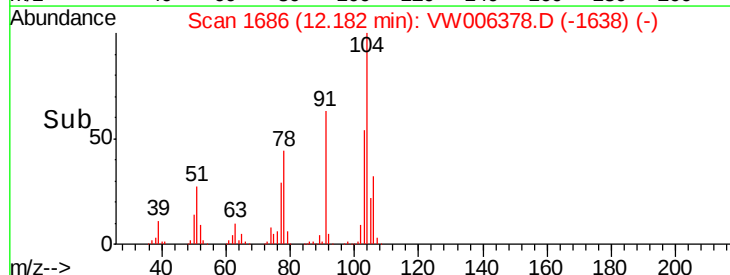
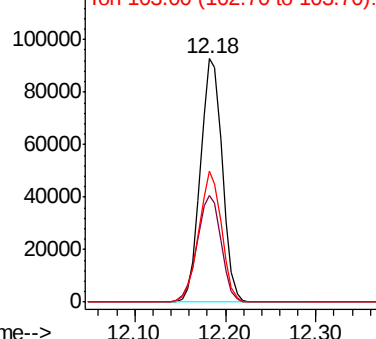


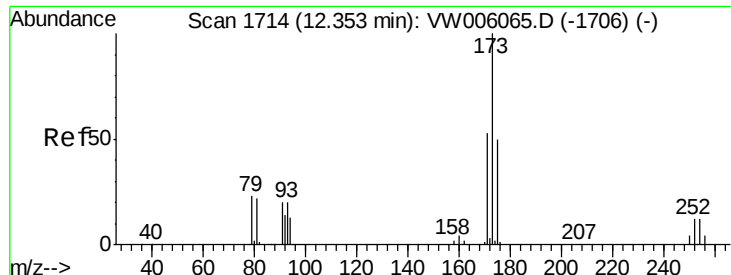
#70
Styrene
Concen: 22.220 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion:104 Resp: 155226
Ion Ratio Lower Upper
104 100
78 48.0 39.1 58.7
103 55.7 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





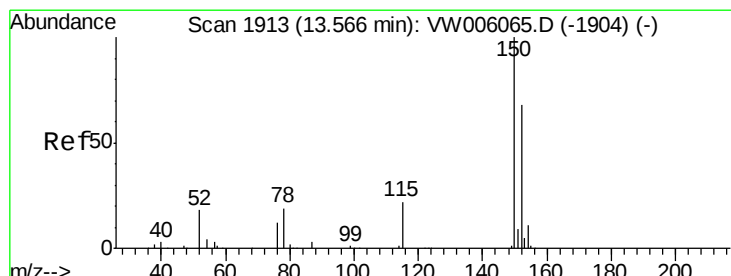
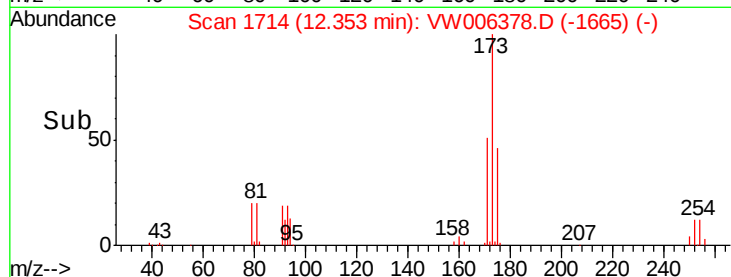
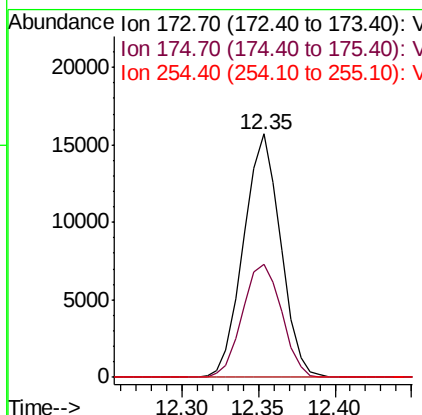
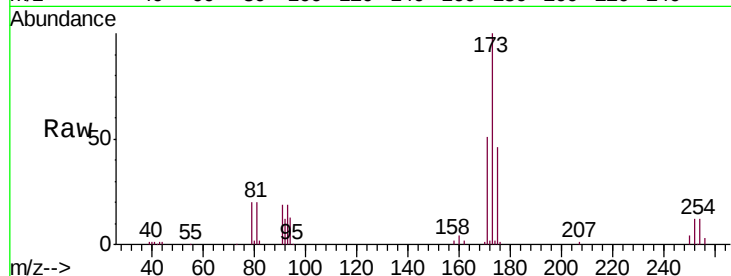
#71
Bromoform
Concen: 20.257 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.2	72.6
254	0.0	0.1	0.1#

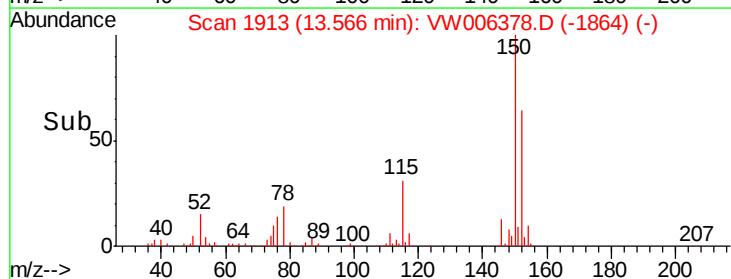
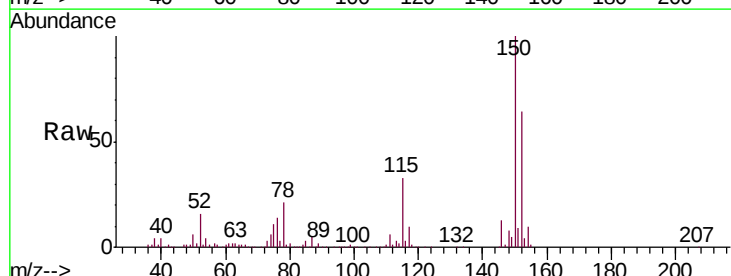
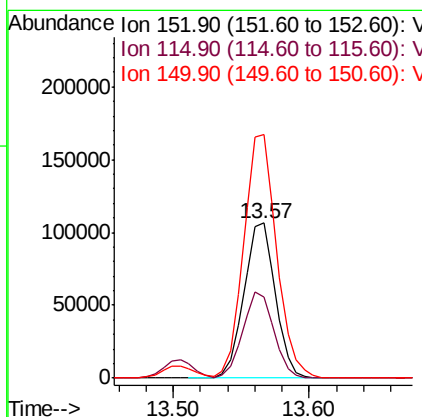
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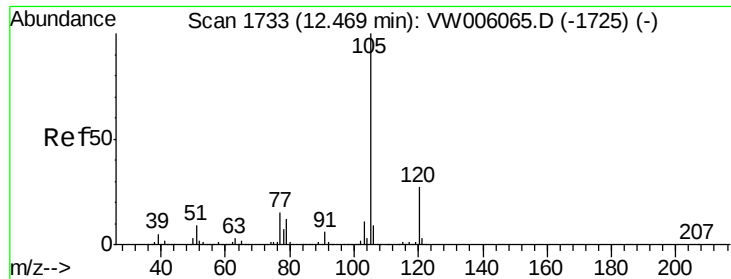
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.8	83.3
150	164.4	0.0	349.2





#73

Isopropylbenzene

Concen: 21.557 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 105 Resp: 261834

Ion Ratio Lower Upper

105 100

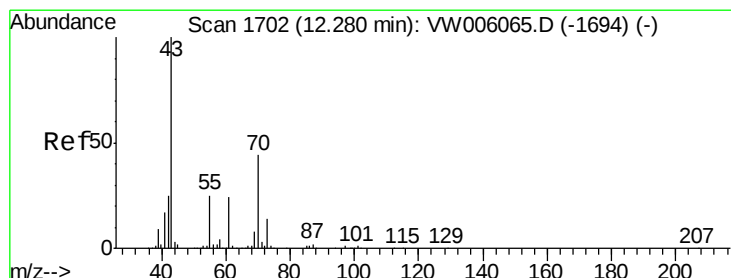
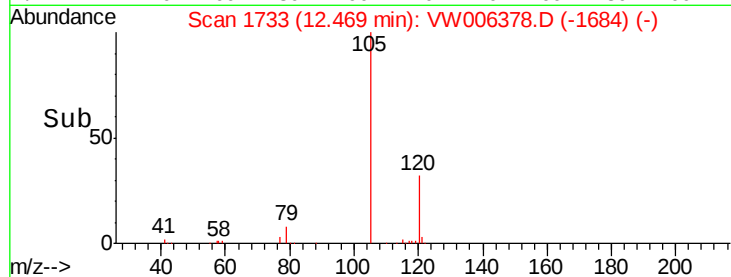
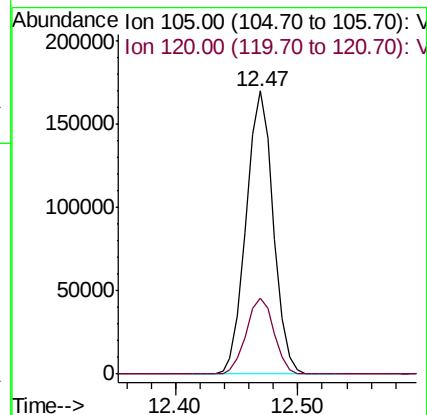
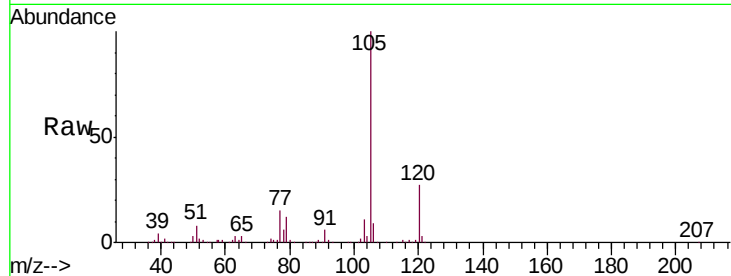
120 27.5 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.967 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion: 43 Resp: 47103

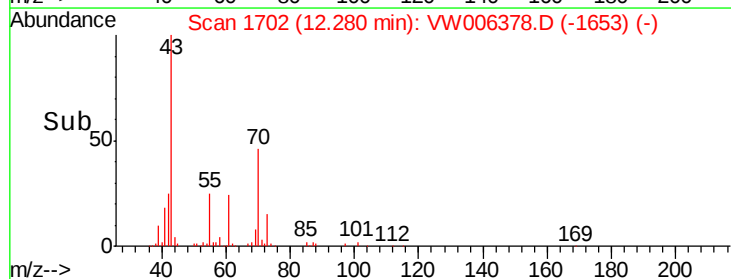
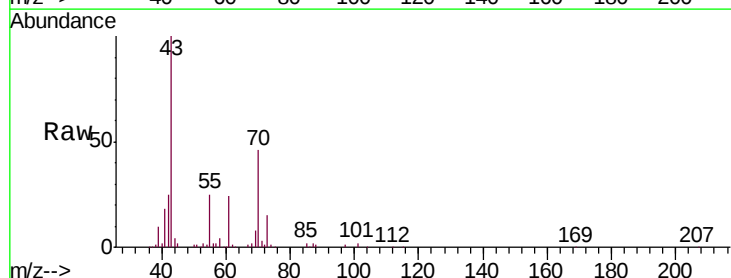
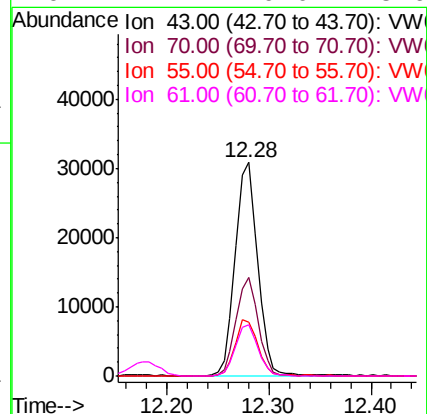
Ion Ratio Lower Upper

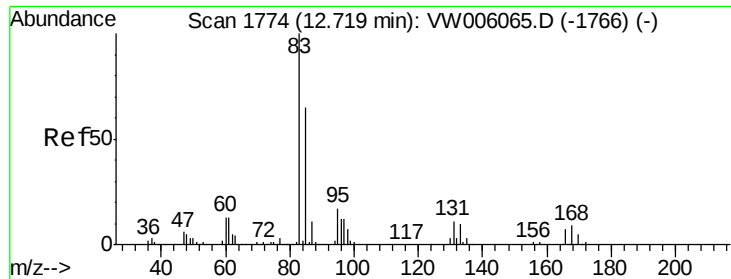
43 100

70 45.7 34.2 51.4

55 26.6 19.2 28.8

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.128 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

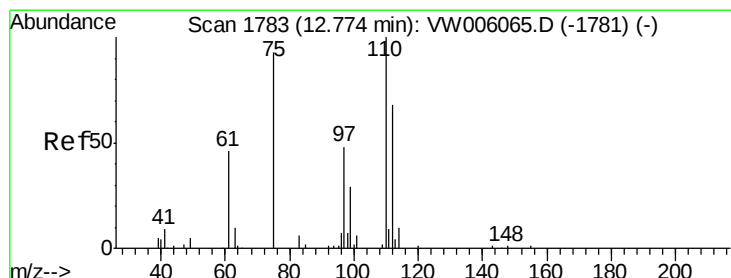
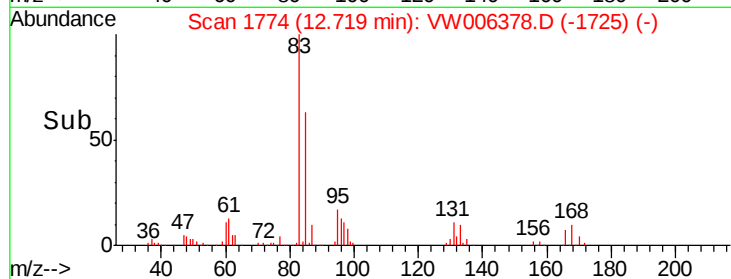
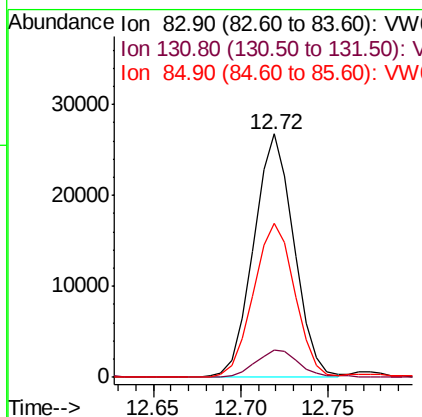
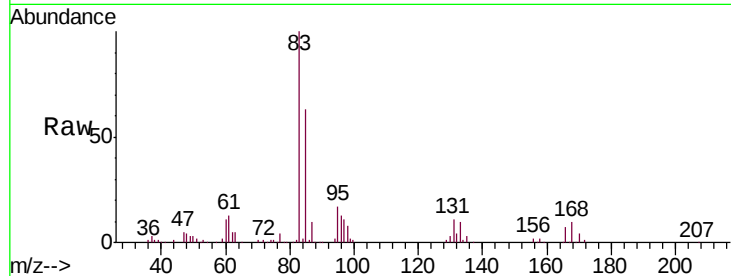
ClientSampleId :

VW1027SBS01

Tgt Ion:	83	Resp:	42726
Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.9	17.7
85	64.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.400 ug/l m

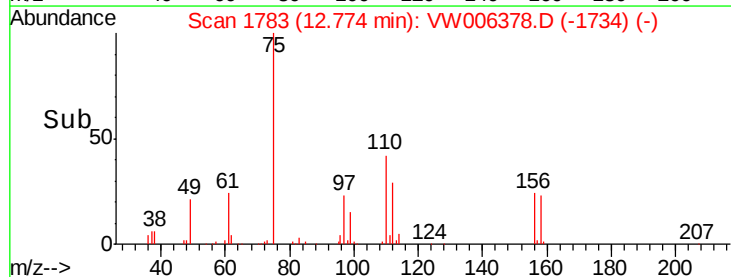
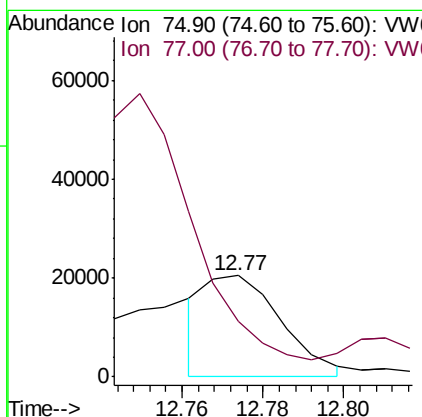
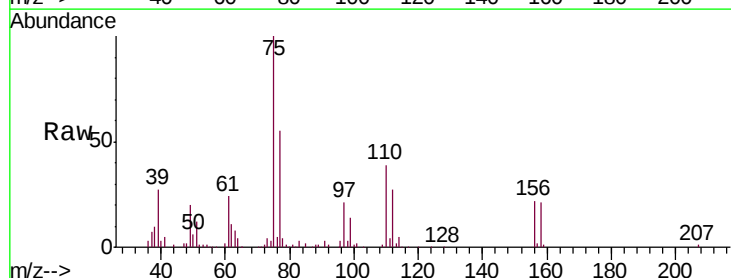
RT: 12.77 min Scan# 1783

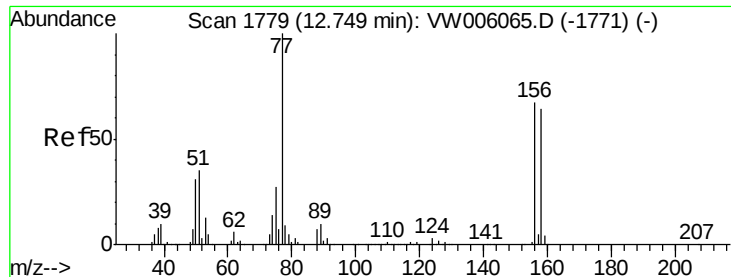
Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion:	75	Resp:	26789
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.815 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

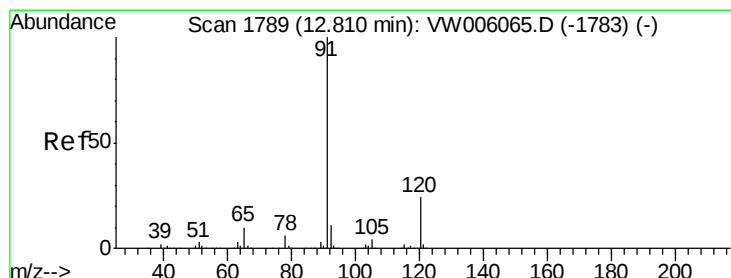
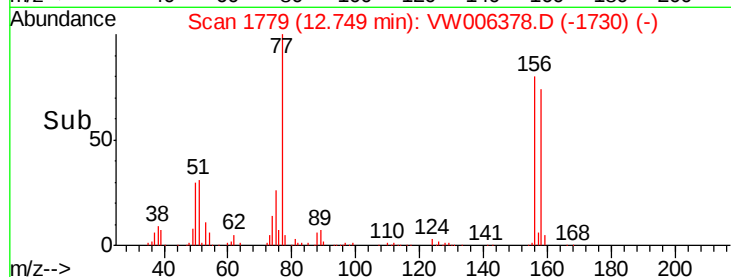
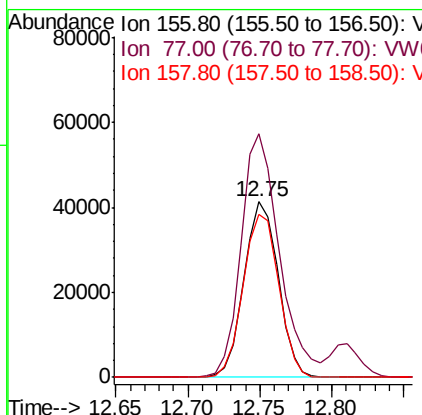
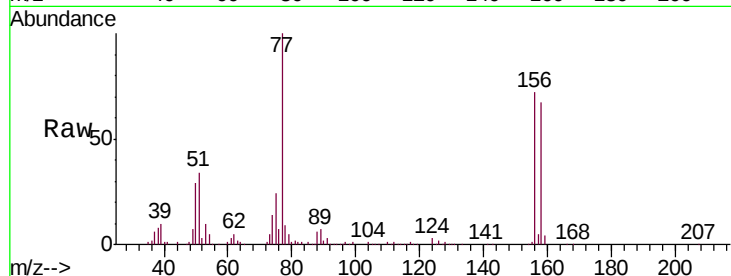
ClientSampleId :

VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	155.9	79.1	237.4
158	97.0	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.668 ug/l

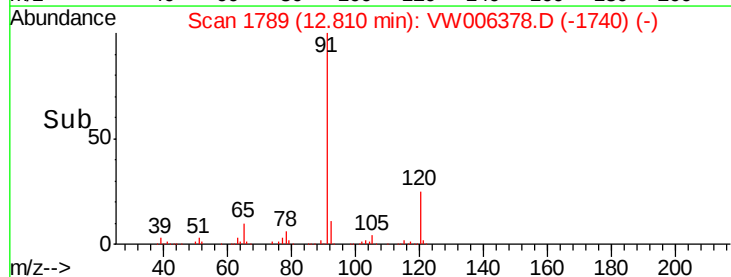
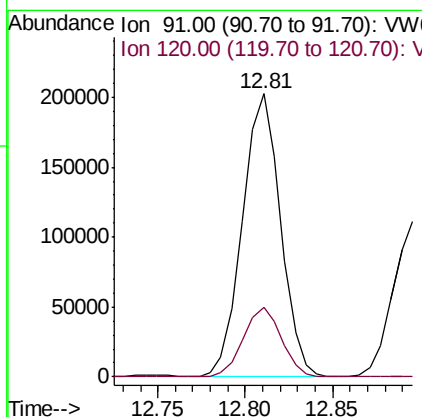
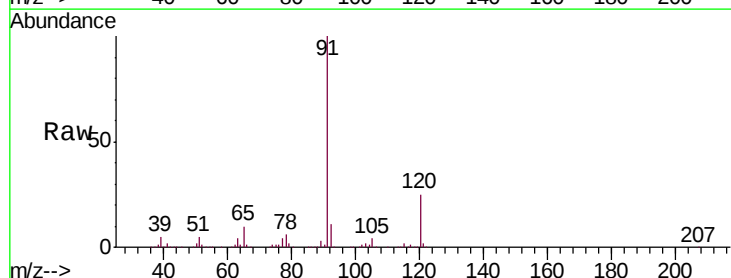
RT: 12.81 min Scan# 1789

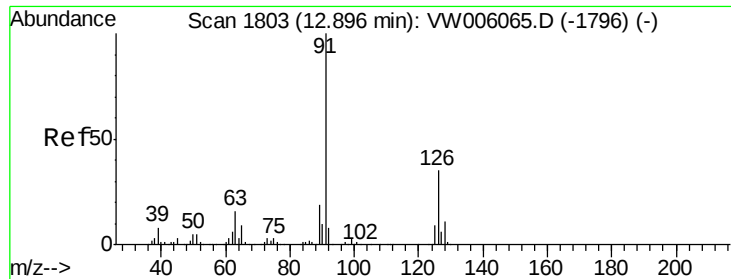
Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.2	36.6





#79

2-Chlorotoluene

Concen: 22.196 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 91 Resp: 176226

Ion Ratio Lower Upper

91 100

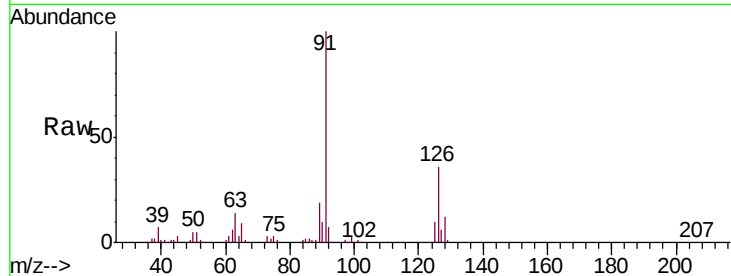
126 36.8 17.9 53.8

Manual Integrations

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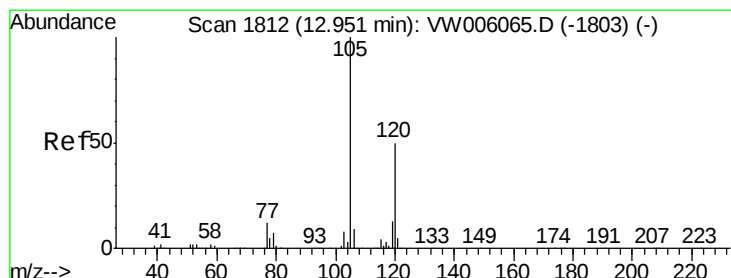
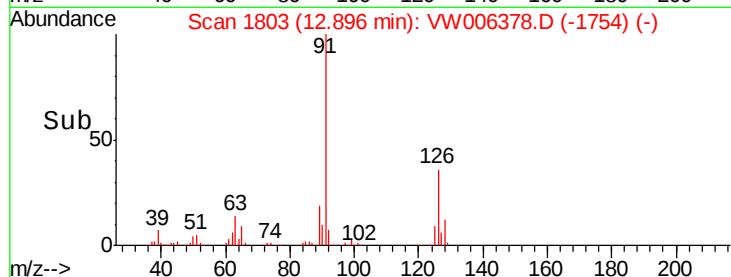
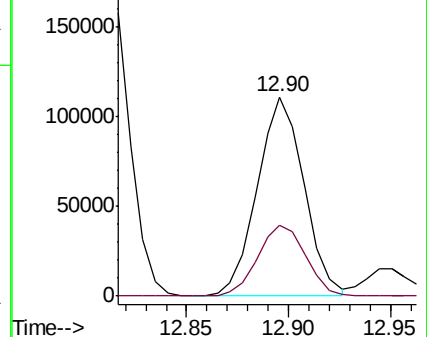
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.898 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006378.D

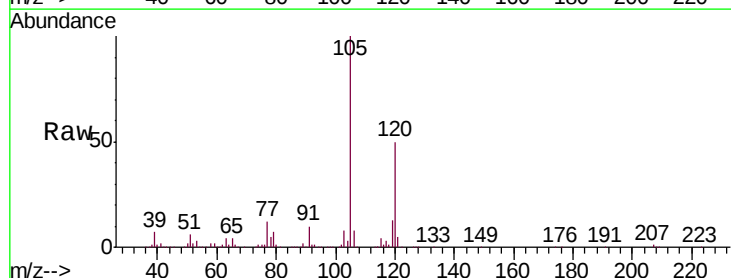
Acq: 26 Oct 2018 00:25

Tgt Ion: 105 Resp: 224218

Ion Ratio Lower Upper

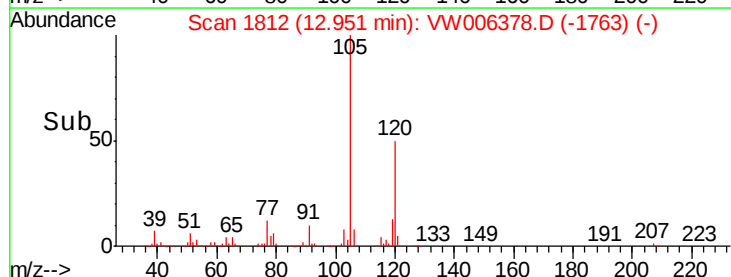
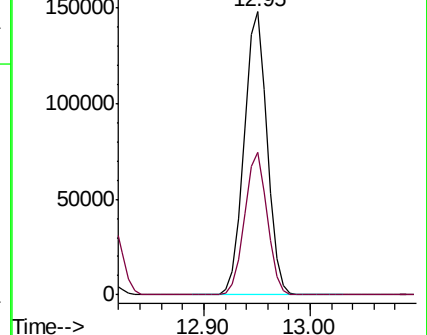
105 100

120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.926 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

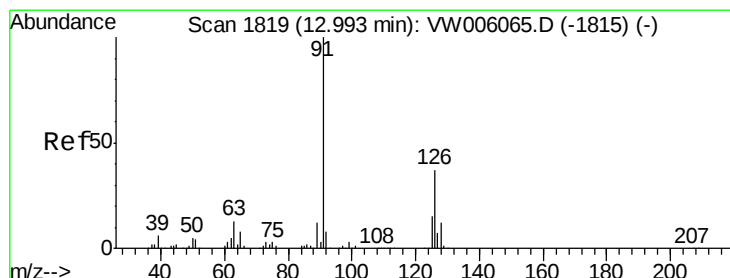
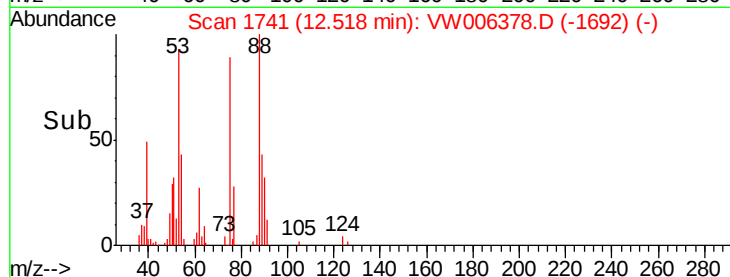
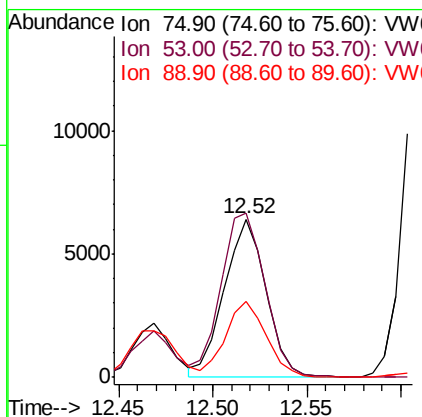
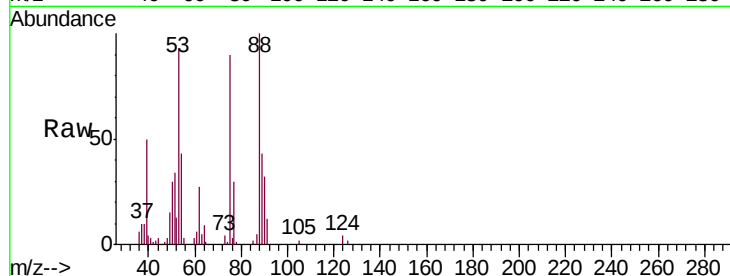
ClientSampleId :

VW1027SBS01

Tgt Ion:	75	Resp:	9848
Ion	Ratio	Lower	Upper
75	100		
53	110.2	79.8	119.6
89	46.8	37.5	56.3

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#82

4-Chlorotoluene

Concen: 22.463 ug/l

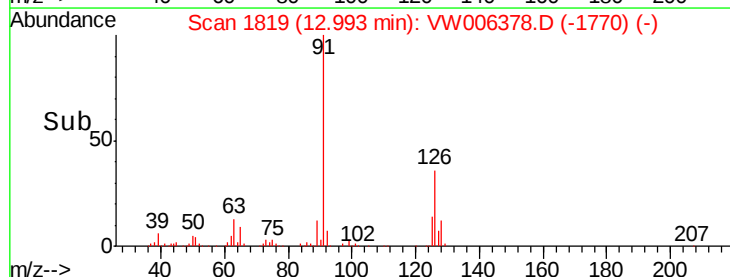
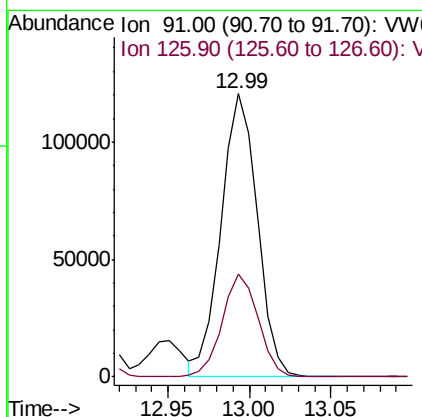
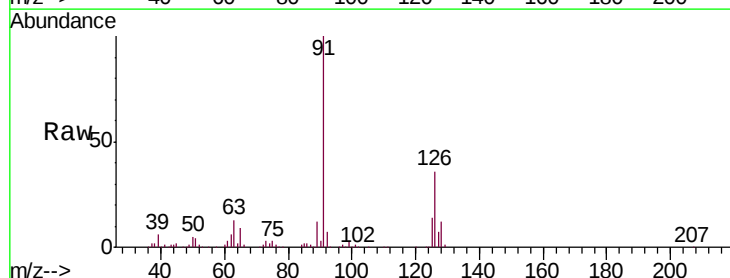
RT: 12.99 min Scan# 1819

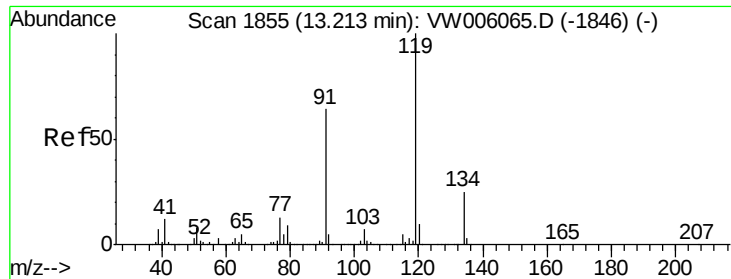
Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion:	91	Resp:	186822
Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.1	54.3





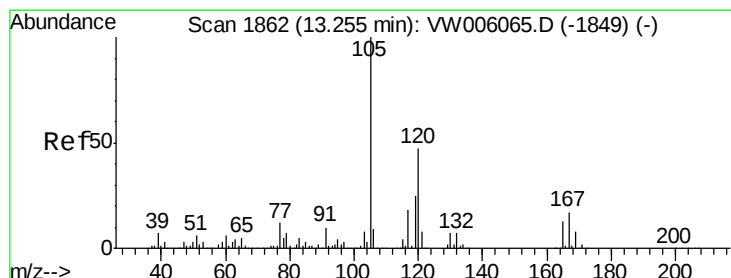
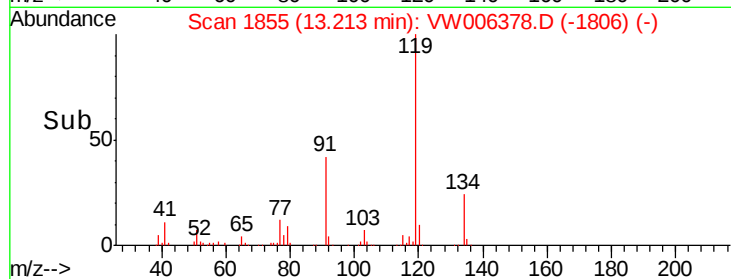
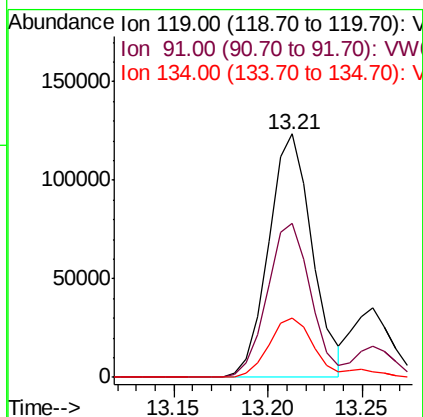
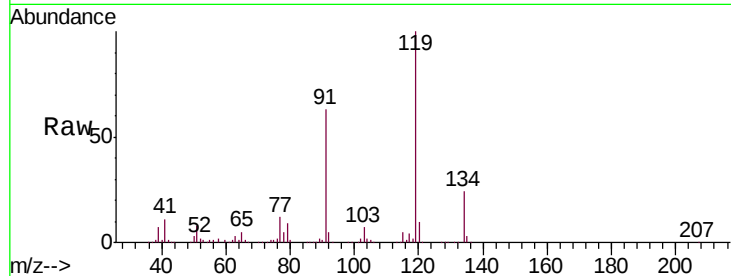
#83
tert-Butylbenzene
Concen: 21.560 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
119	100		
91	63.2	32.3	96.9
134	25.2	13.6	40.8

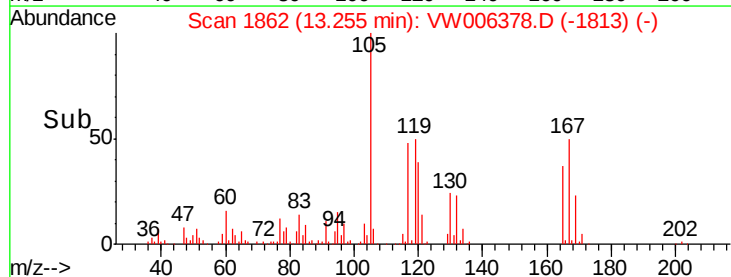
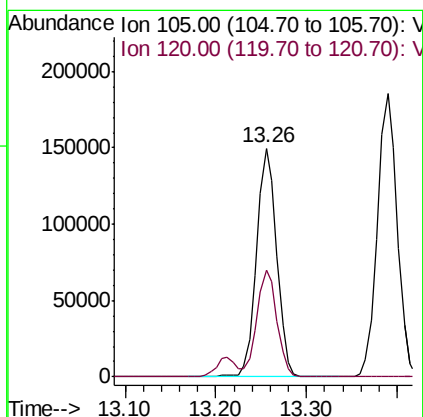
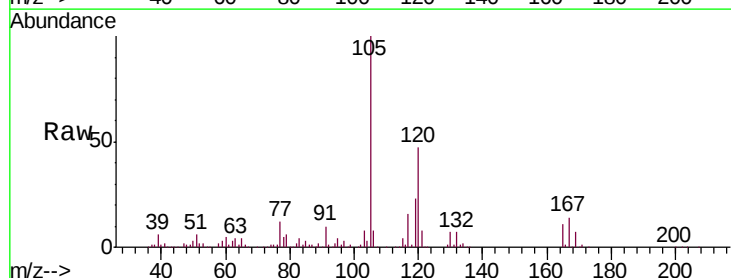
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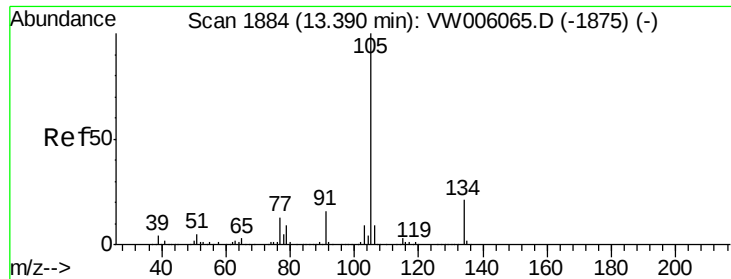
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#84
1,2,4-Trimethylbenzene
Concen: 22.199 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	46.0	23.1	69.3





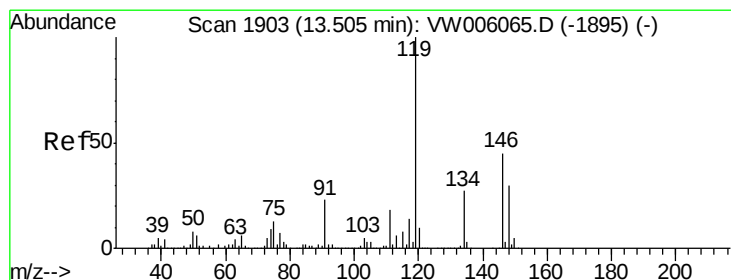
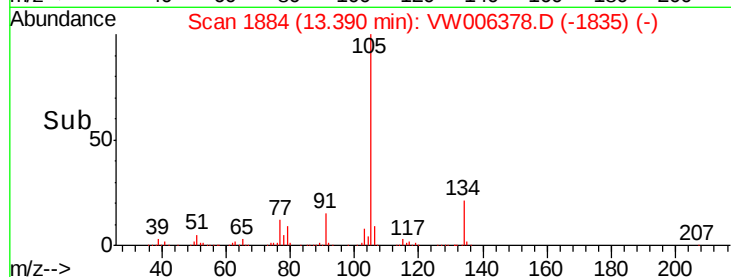
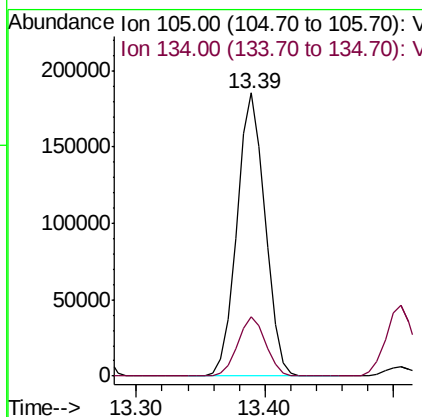
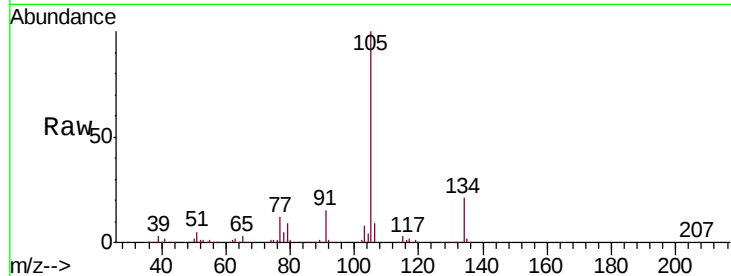
#85
 sec-Butylbenzene
 Concen: 21.644 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	280123		
134	20.9	10.5	31.6	

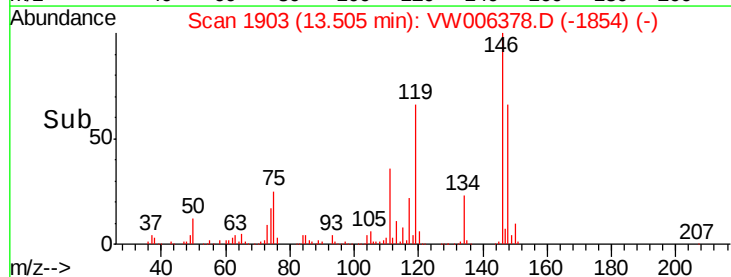
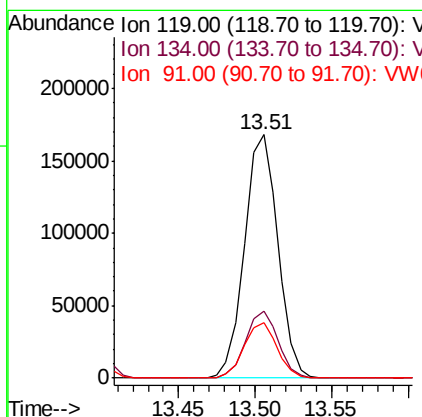
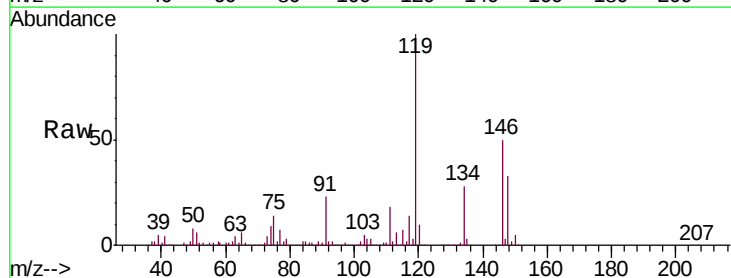
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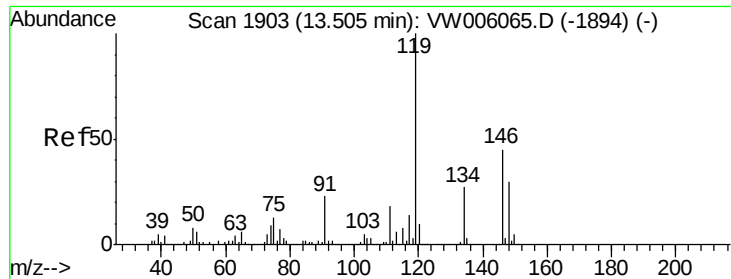
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#86
 p-Isopropyltoluene
 Concen: 21.690 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	253915		
134	27.2	13.4	40.2	
91	22.5	11.4	34.1	





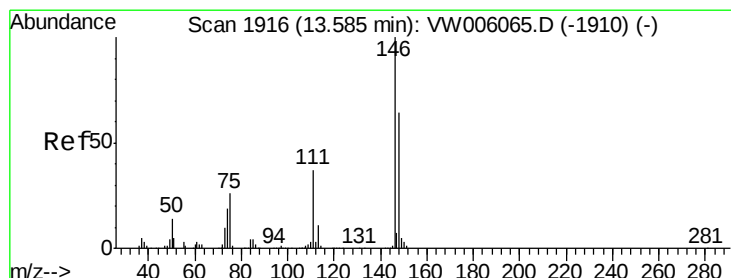
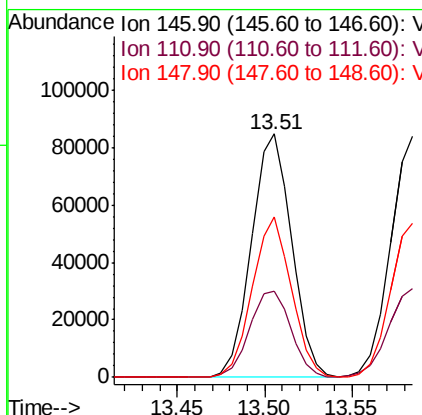
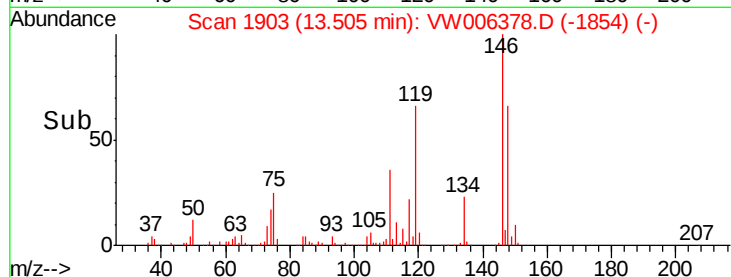
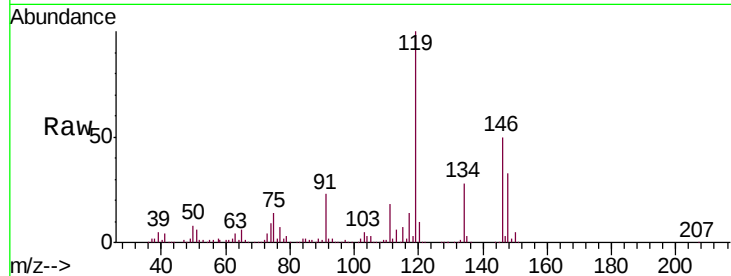
#87
 1,3-Dichlorobenzene
 Concen: 22.851 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	135296		
111	36.6	19.1	57.5	
148	64.2	32.0	96.2	

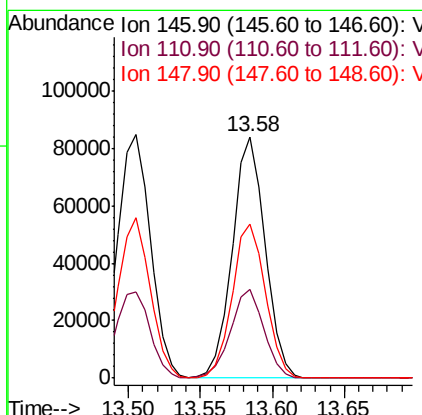
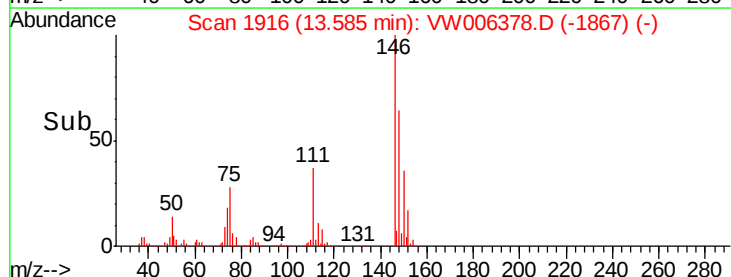
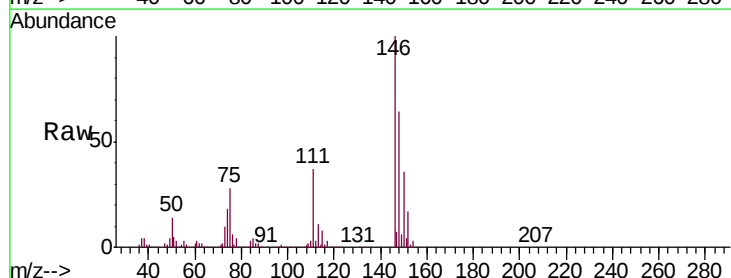
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#88
 1,4-Dichlorobenzene
 Concen: 22.642 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	133476		
111	37.5	18.6	56.0	
148	64.9	32.1	96.5	





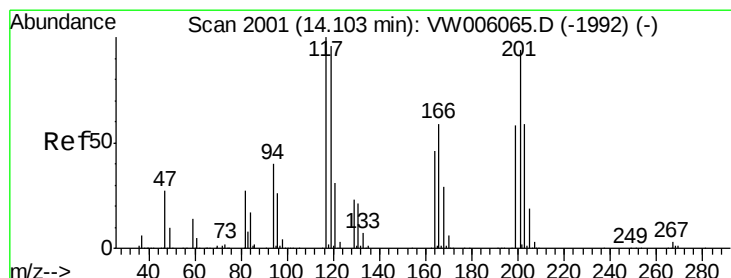
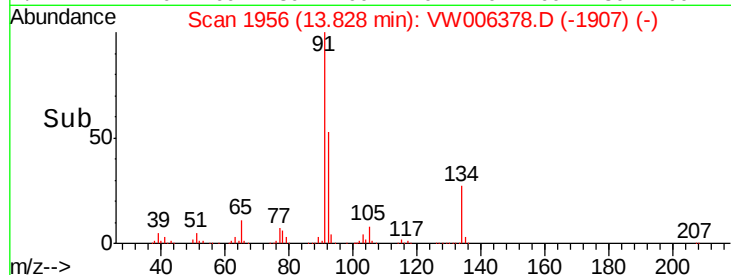
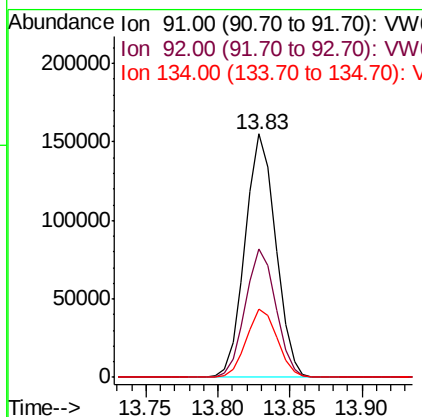
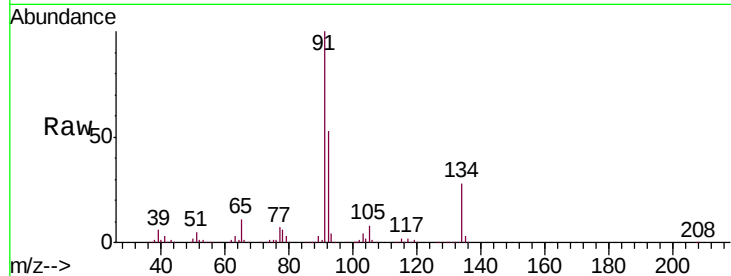
#89
n-Butylbenzene
Concen: 21.299 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion: 91 Resp: 228022
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 28.2 14.0 41.9

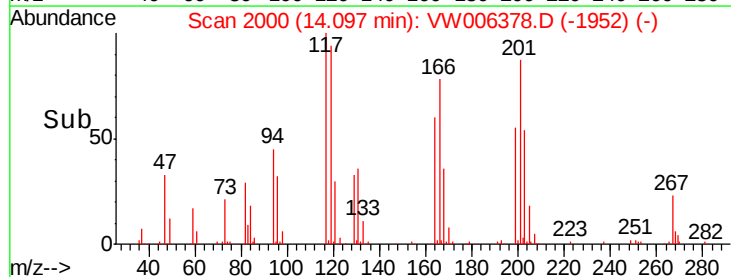
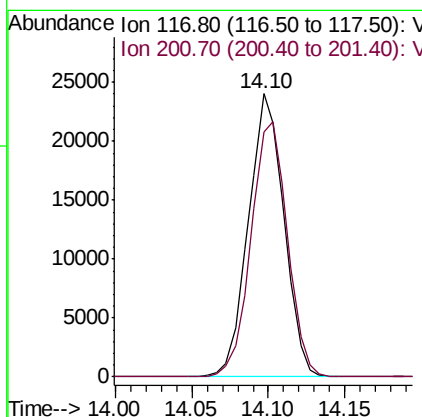
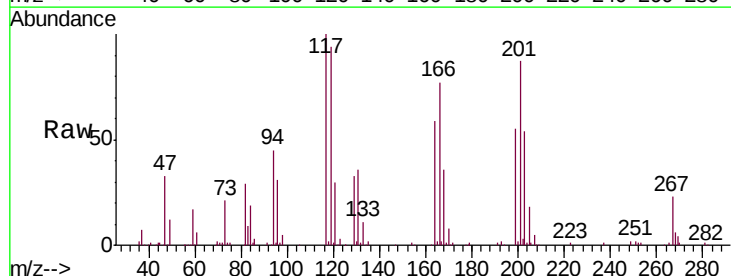
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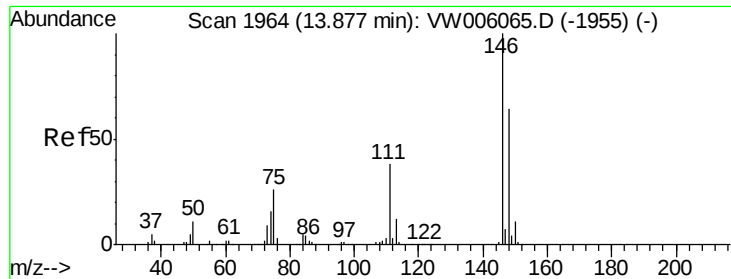
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#90
Hexachloroethane
Concen: 19.583 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 117 Resp: 38831
Ion Ratio Lower Upper
117 100
201 92.3 45.3 135.9





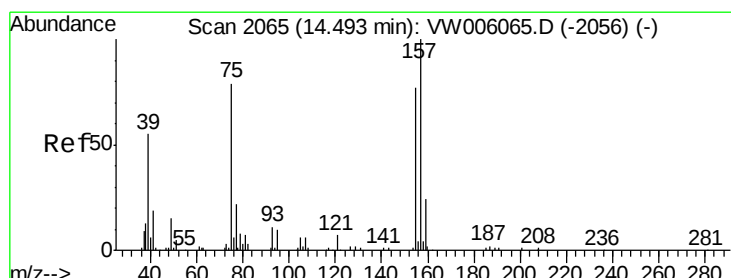
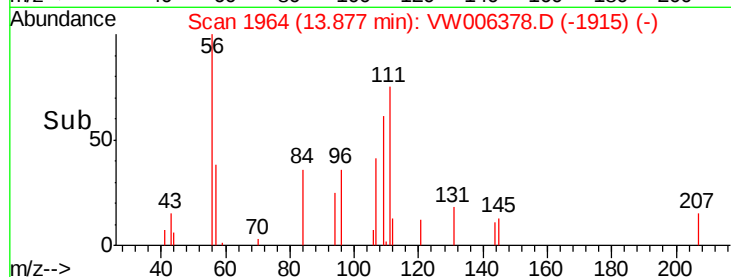
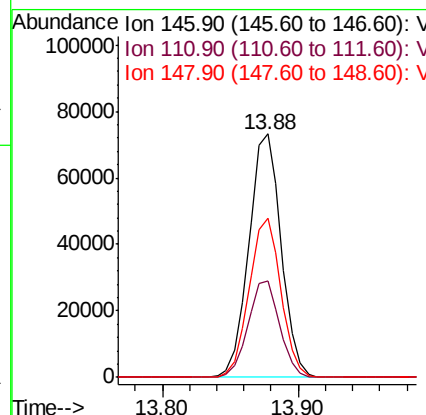
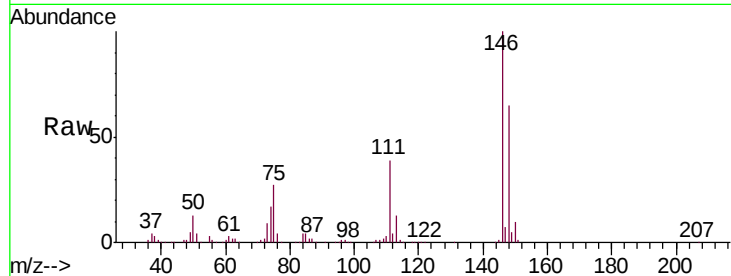
#91
 1,2-Dichlorobenzene
 Concen: 23.003 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	64.4	32.2	96.6

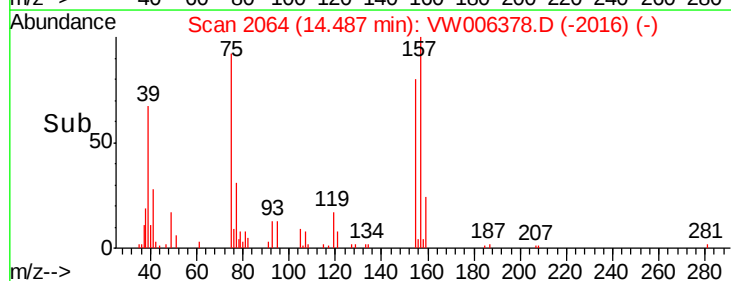
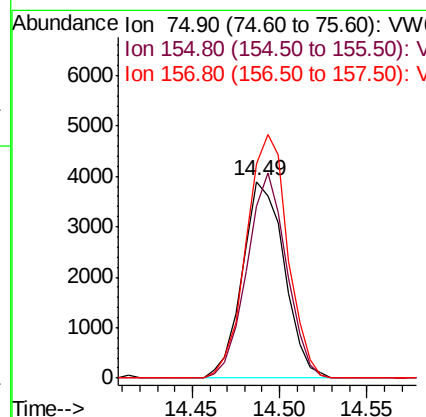
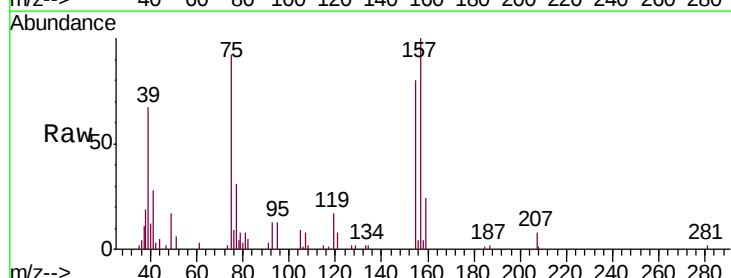
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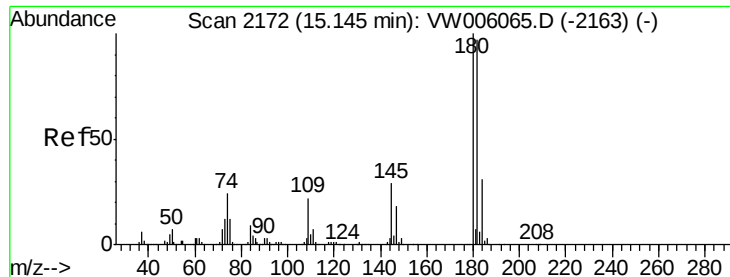
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.652 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	46.5	139.5
157	122.3	59.8	179.4





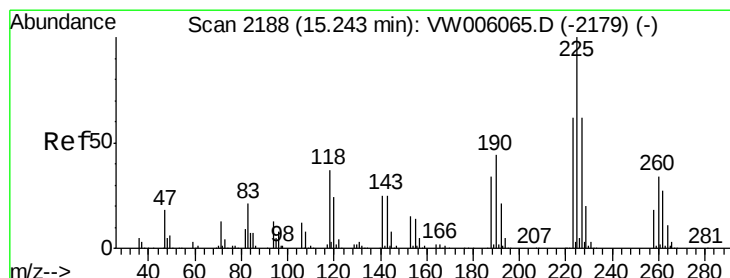
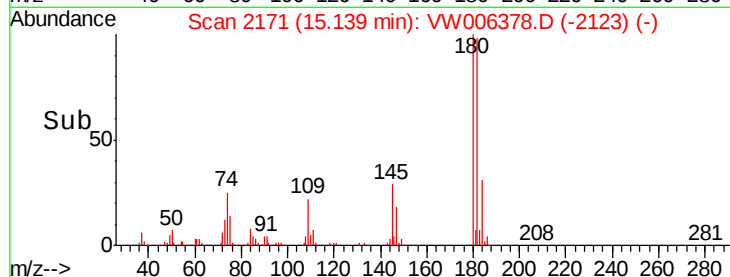
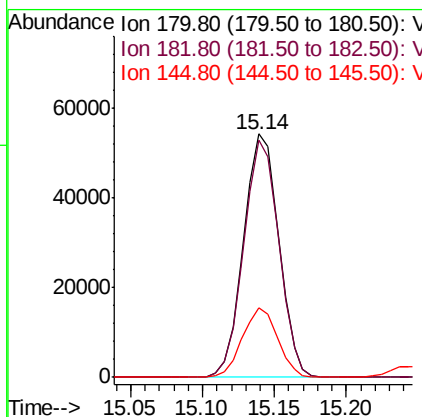
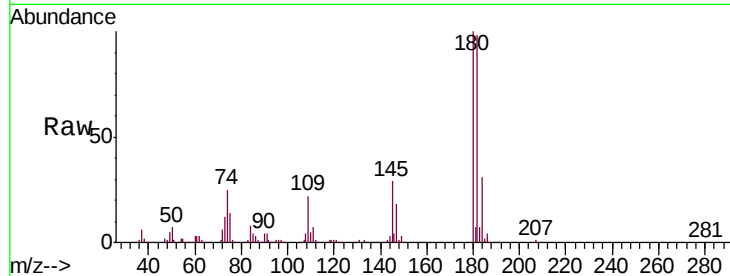
#93
 1,2,4-Trichlorobenzene
 Concen: 22.681 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	92166		
182	96.9	47.9	143.6	
145	28.5	14.2	42.8	

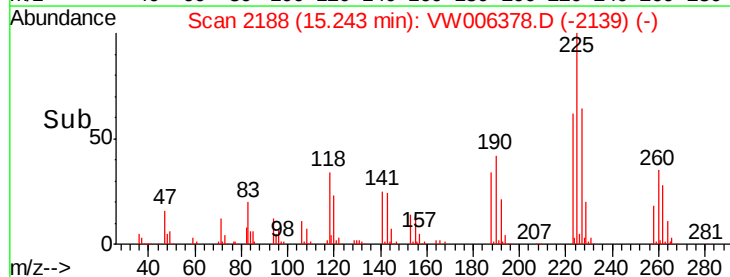
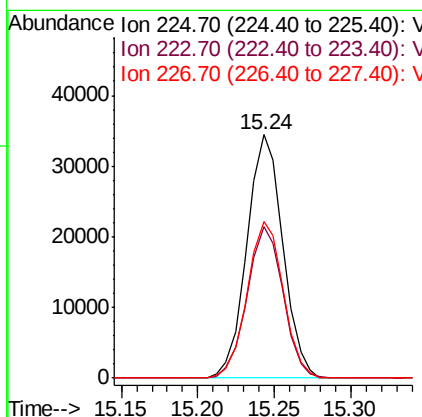
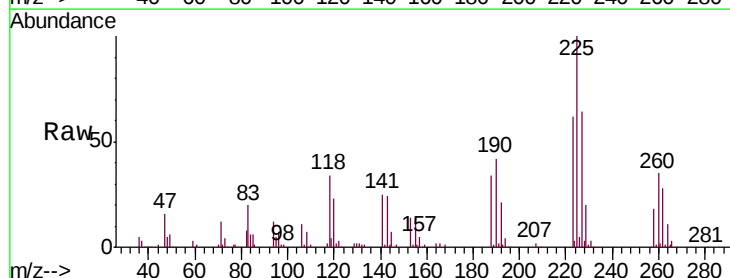
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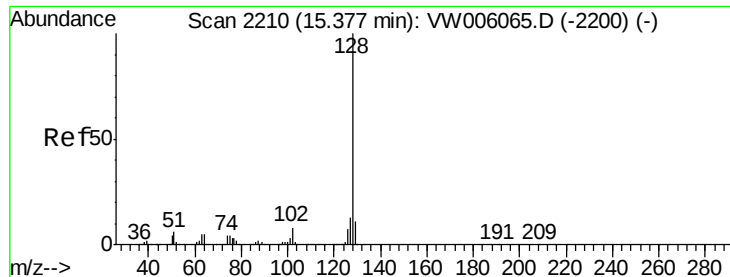
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#94
 Hexachlorobutadiene
 Concen: 22.049 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56285		
223	62.2	31.1	93.5	
227	64.8	32.4	97.0	





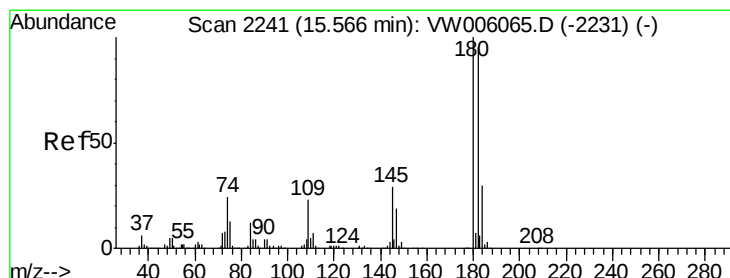
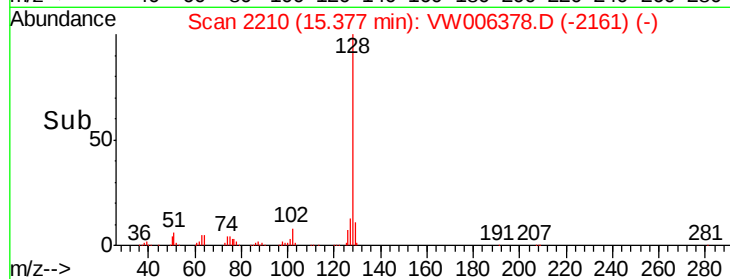
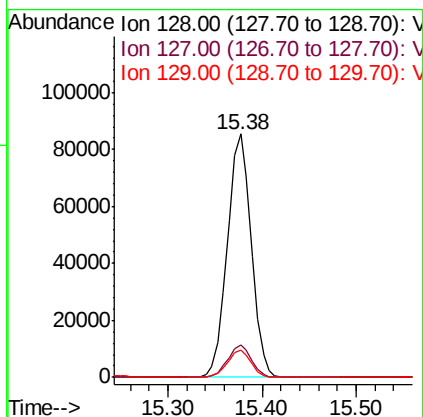
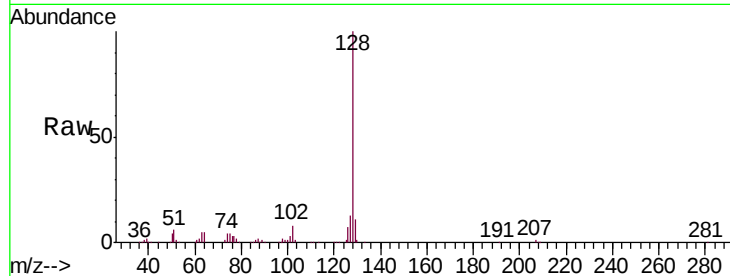
#95
Naphthalene
Concen: 22.239 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	150331		
127	13.2	10.3	15.5	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

apatel
10/26/2018 11:51:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.942 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80635		
182	96.0	47.8	143.3	
145	29.5	15.0	45.1	

