

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
 Data File : VW004203.D
 Acq On : 25 Jul 2018 20:19
 Operator : SY/AP
 Sample : VW0726SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Manual Integrations
 APPROVED

apatel
 7/26/2018 12:28:43 PM

Quant Time: Jul 26 06:03:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150755	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
35) Dibromofluoromethane	7.88	113	132386	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.32	98	510874	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	12.62	95	184391	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24425	18.27	ug/l	99
3) Chloromethane	2.21	50	40275	22.89	ug/l	98
4) Vinyl Chloride	2.36	62	50931	21.05	ug/l	100
5) Bromomethane	2.76	94	30904	20.43	ug/l	93
6) Chloroethane	2.92	64	27034	19.66	ug/l	97
7) Trichlorofluoromethane	3.25	101	20095	19.78	ug/l	100
8) Diethyl Ether	3.67	74	24056	20.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	49559	21.14	ug/l	100
10) Methyl Iodide	4.26	142	72578	21.56	ug/l	99
11) Tert butyl alcohol	5.19	59	23651	128.78	ug/l	98
12) 1,1-Dichloroethene	4.03	96	49966	21.60	ug/l	99
13) Acrolein	3.89	56	19138	101.42	ug/l	97
14) Allyl chloride	4.65	41	82937	21.72	ug/l	97
15) Acrylonitrile	5.37	53	70968	117.45	ug/l	100
16) Acetone	4.12	43	67394	105.42	ug/l	98
17) Carbon Disulfide	4.37	76	156421	21.67	ug/l	100
18) Methyl Acetate	4.67	43	35606	23.20	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	96020	21.66	ug/l	97
20) Methylene Chloride	4.91	84	61335	16.46	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	54548	21.51	ug/l	97
22) Diisopropyl ether	6.32	45	180171	23.35	ug/l	96
23) Vinyl Acetate	6.26	43	547352	111.95	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106727	22.67	ug/l	98
25) 2-Butanone	7.18	43	96715	112.42	ug/l	100
26) 2,2-Dichloropropane	7.16	77	55577	20.56	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58404	21.31	ug/l	99
28) Bromochloromethane	7.51	49	46499	24.13	ug/l	97
29) Tetrahydrofuran	7.53	42	63706	118.88	ug/l	96
30) Chloroform	7.68	83	104812	22.38	ug/l	98
31) Cyclohexane	7.95	56	90323	20.47	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	78032	21.34	ug/l	99
36) 1,1-Dichloropropene	8.08	75	80947	20.90	ug/l	100
37) Ethyl Acetate	7.26	43	44806	23.99	ug/l	99
38) Carbon Tetrachloride	8.07	117	74983	20.72	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87061	19.20	ug/l	94
40) Benzene	8.32	78	235543	21.92	ug/l	99
41) Methacrylonitrile	7.48	41	24655	23.82	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	73247	22.35	ug/l	99
43) Isopropyl Acetate	8.43	43	77863	22.29	ug/l	99
44) Trichloroethene	9.09	130	58454	20.99	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62718	22.87	ug/l	99
46) Dibromomethane	9.46	93	31935	22.44	ug/l	100
47) Bromodichloromethane	9.65	83	77307	22.04	ug/l	99
48) Methyl methacrylate	9.44	41	37196	22.02	ug/l	100
49) 1,4-Dioxane	9.45	88	10893	498.02	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	215497	115.78	ug/l	99
52) Toluene	10.39	92	145822	21.95	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	78320	21.35	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	89121	21.24	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46977	23.47	ug/l	98
56) Ethyl methacrylate	10.65	69	55988	21.35	ug/l	96
57) 1,3-Dichloropropane	10.94	76	80114	23.04	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	131841	111.05	ug/l	99
59) 2-Hexanone	10.98	43	149510	113.97	ug/l	97
60) Dibromochloromethane	11.13	129	52395	22.48	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43893	23.05	ug/l	100
64) Tetrachloroethene	10.87	164	51525	20.93	ug/l	98
65) Chlorobenzene	11.66	112	160331	21.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	55930	21.09	ug/l	99
67) Ethyl Benzene	11.74	91	266620	19.89	ug/l	100
68) m/p-Xylenes	11.85	106	211115	41.21	ug/l	100
69) o-Xylene	12.17	106	96420	20.29	ug/l	99
70) Styrene	12.18	104	168085	21.17	ug/l	99
71) Bromoform	12.35	173	31214	20.85	ug/l #	100
73) Isopropylbenzene	12.47	105	259940	19.18	ug/l	100
74) N-amyl acetate	12.28	43	75374	21.34	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56841	21.69	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37713m	19.81	ug/l	
77) Bromobenzene	12.75	156	65578	20.22	ug/l	97
78) n-propylbenzene	12.81	91	333373	20.05	ug/l	100
79) 2-Chlorotoluene	12.90	91	192052	20.48	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	229884	20.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	17025	19.78	ug/l	96
82) 4-Chlorotoluene	12.99	91	207852	20.65	ug/l	99
83) tert-Butylbenzene	13.21	119	186868	19.52	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	240752	20.52	ug/l	99
85) sec-Butylbenzene	13.39	105	282476	19.88	ug/l	100
86) p-Isopropyltoluene	13.51	119	245723	19.72	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	134329	20.74	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	134508	20.71	ug/l	99
89) n-Butylbenzene	13.83	91	240497	19.63	ug/l	100
90) Hexachloroethane	14.10	117	46316	20.16	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	122471	21.22	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10030	21.52	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82962	20.47	ug/l	98
94) Hexachlorobutadiene	15.24	225	47077	20.23	ug/l	98
95) Naphthalene	15.38	128	152618	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75571	21.06	ug/l	99

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

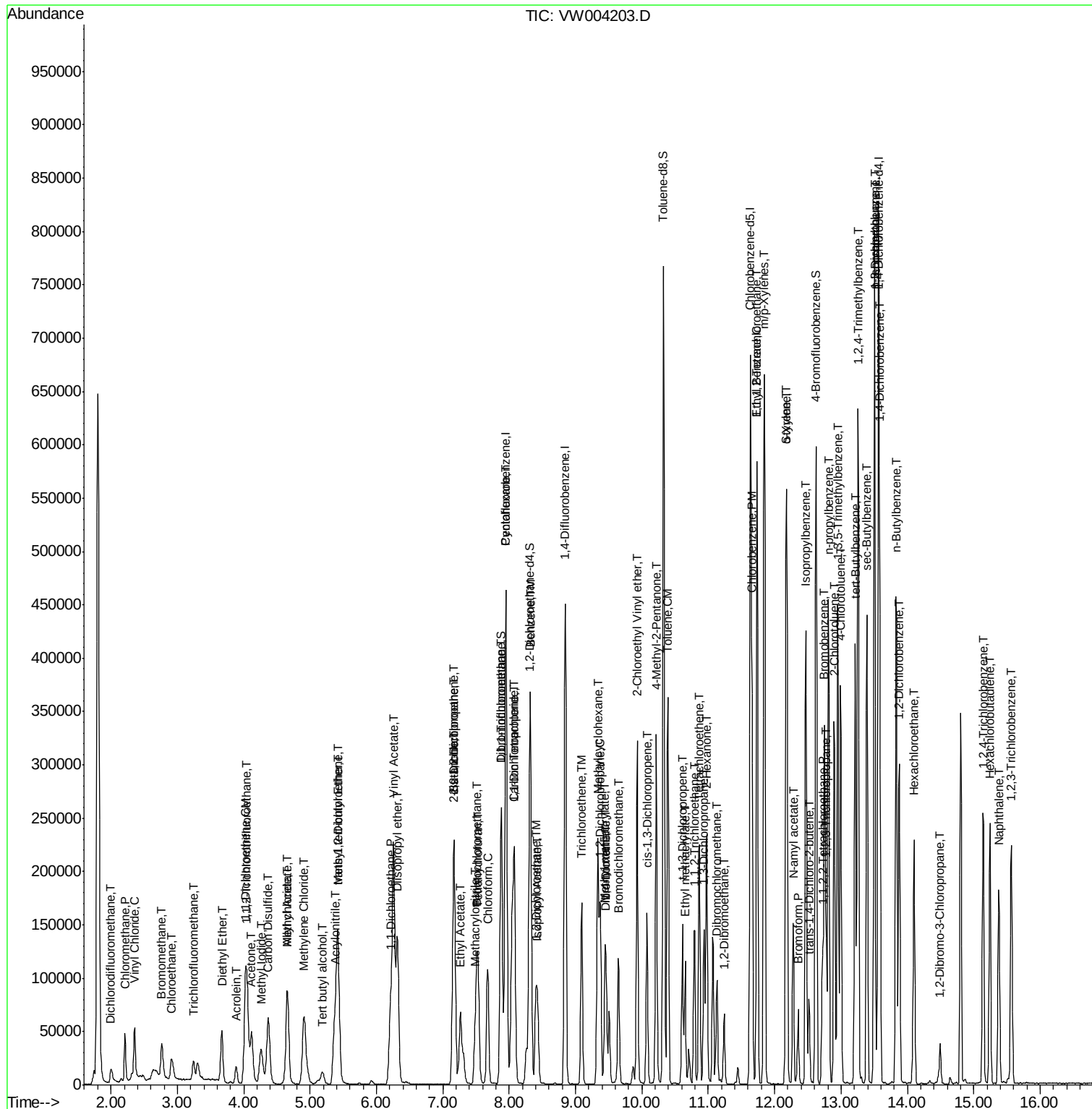
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
Data File : VW004203.D
Acq On : 25 Jul 2018 20:19
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Sample : VW0726SBSD01
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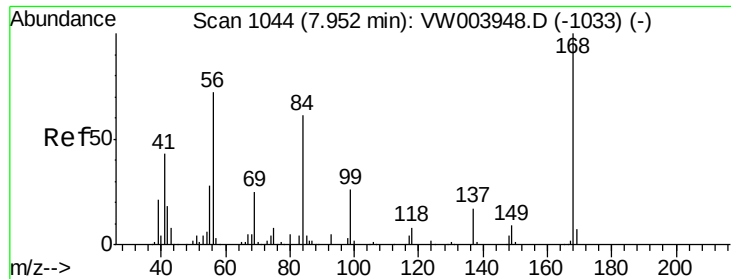
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBSD01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion:168 Resp: 238005

Ion Ratio Lower Upper

168 100

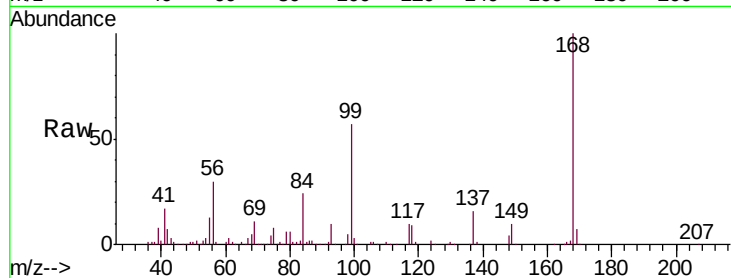
99 57.0 43.8 65.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

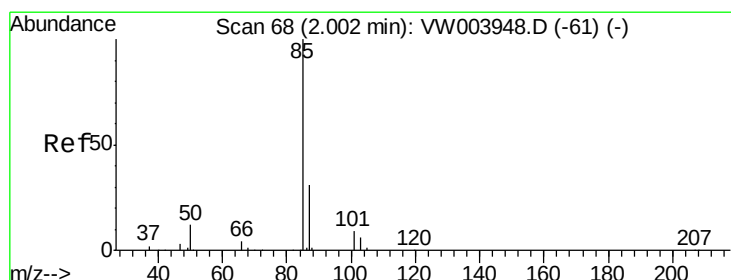
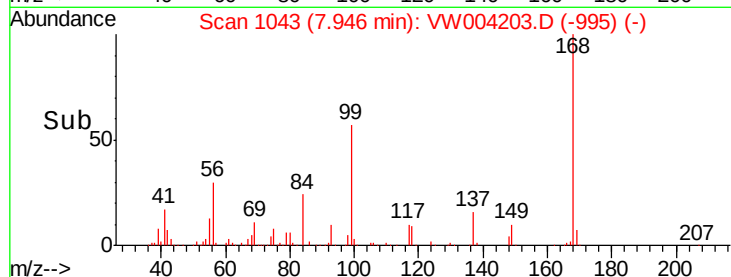
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.27 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004203.D

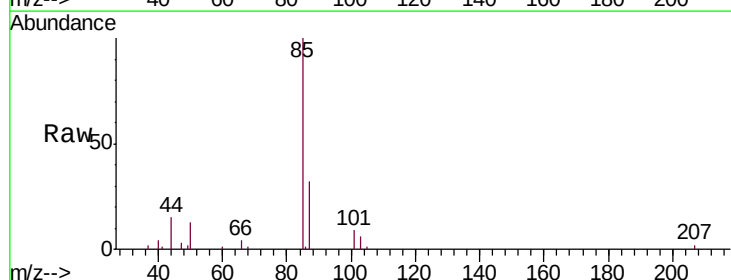
Acq: 25 Jul 2018 20:19

Tgt Ion: 85 Resp: 24425

Ion Ratio Lower Upper

85 100

87 31.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

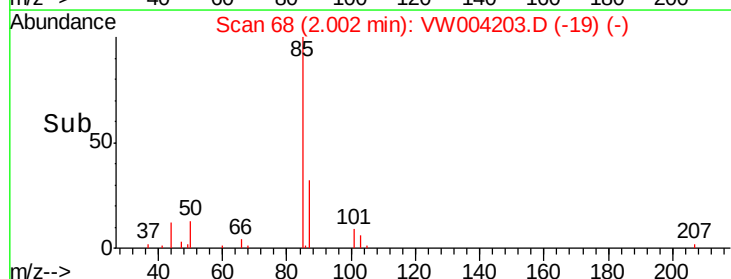
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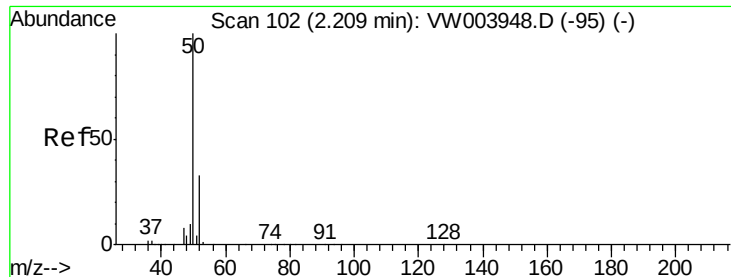
4000

2000

0

Time-->





#3

Chloromethane

Concen: 22.89 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBSD01

Tot Ion: 50 Resp: 40275

Ion Ratio Lower Upper

50 100

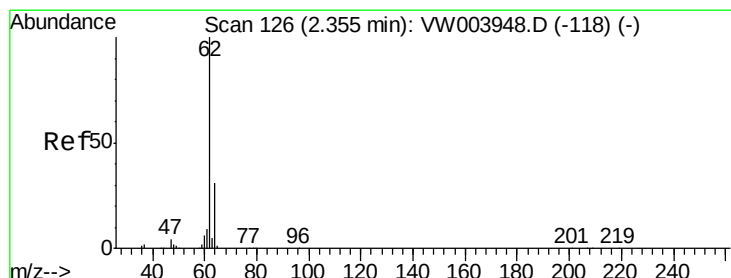
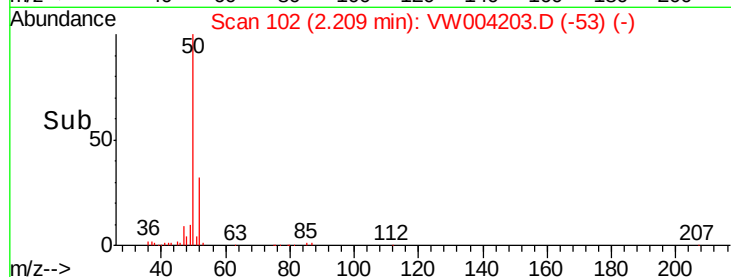
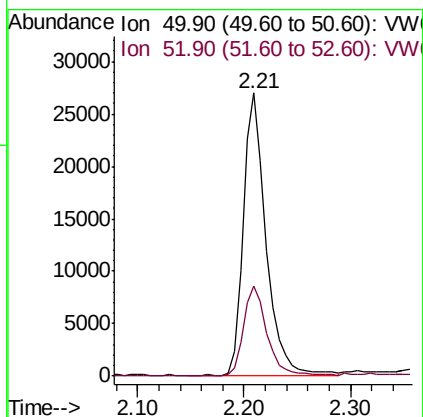
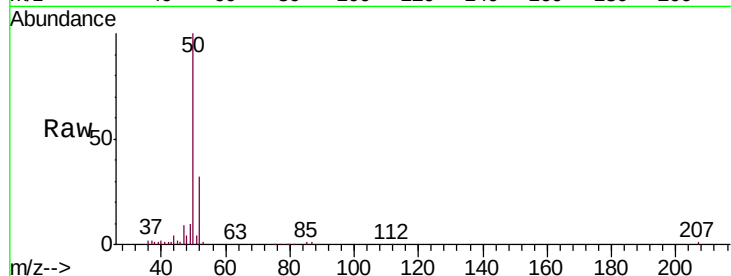
52 31.8 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.05 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004203.D

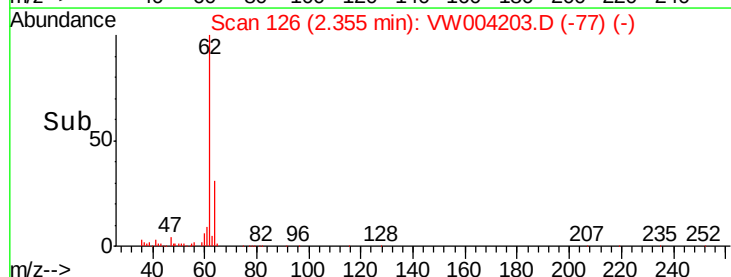
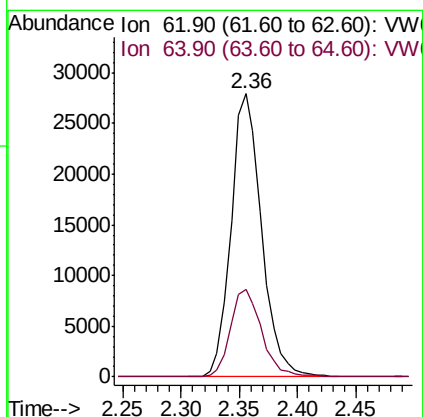
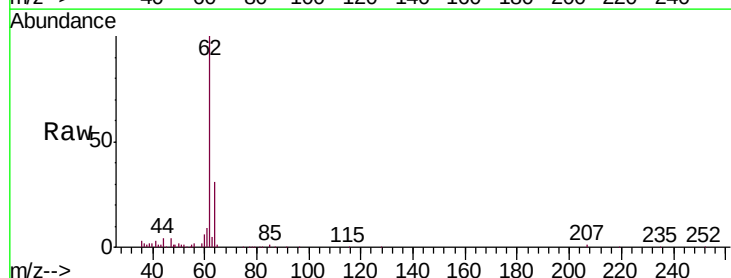
Acq: 25 Jul 2018 20:19

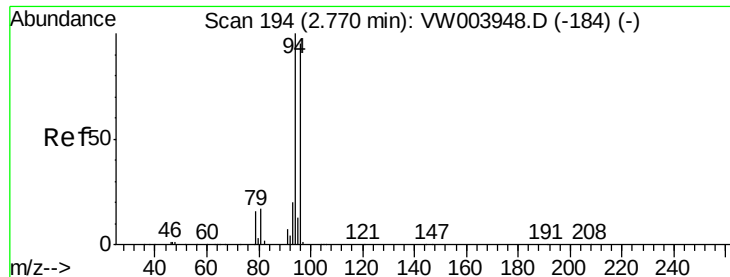
Tgt Ion: 62 Resp: 50931

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.6





#5

Bromomethane

Concen: 20.43 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBSD01

Tot Ion: 94 Resp: 30904

Ion Ratio Lower Upper

94 100

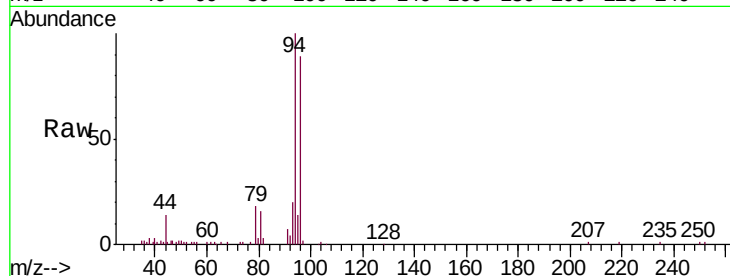
96 88.1 75.8 113.6

Manual Integrations

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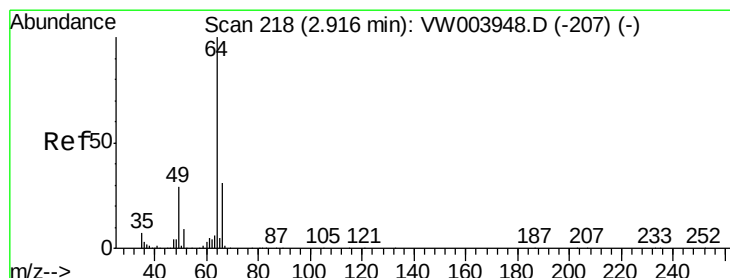
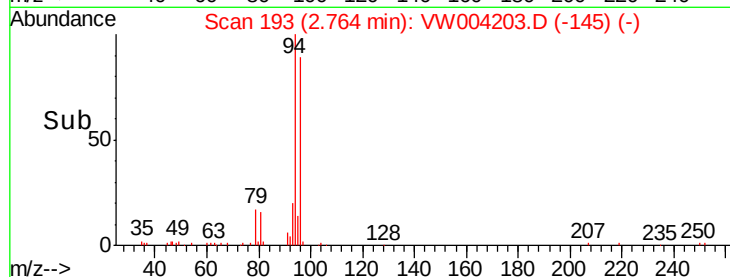
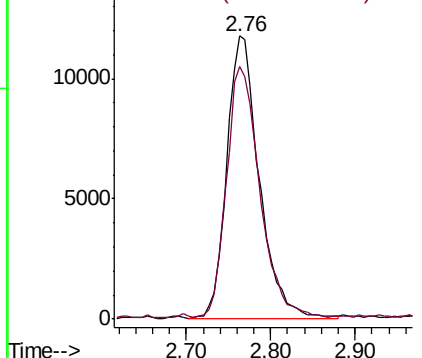
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.66 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW004203.D

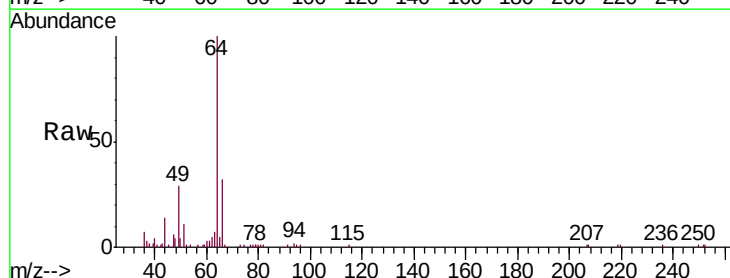
Acq: 25 Jul 2018 20:19

Tgt Ion: 64 Resp: 27034

Ion Ratio Lower Upper

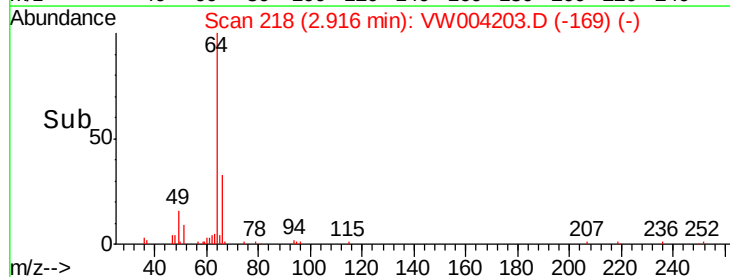
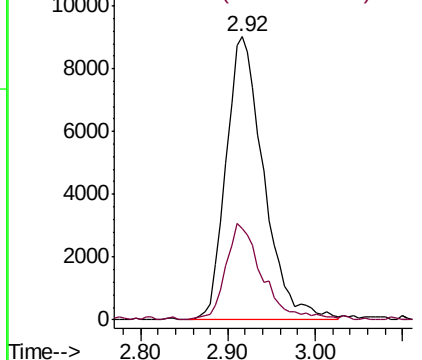
64 100

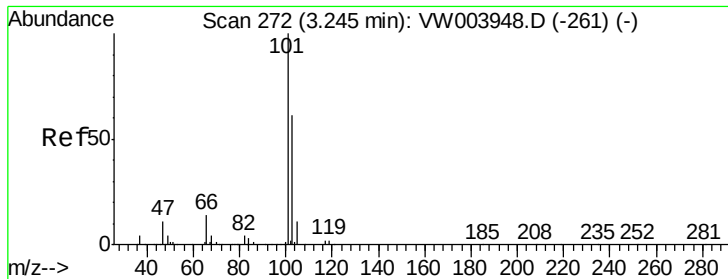
66 32.3 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

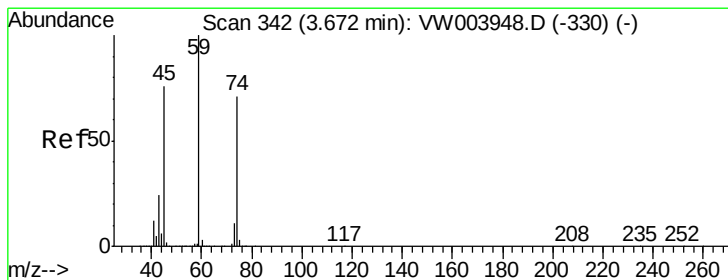
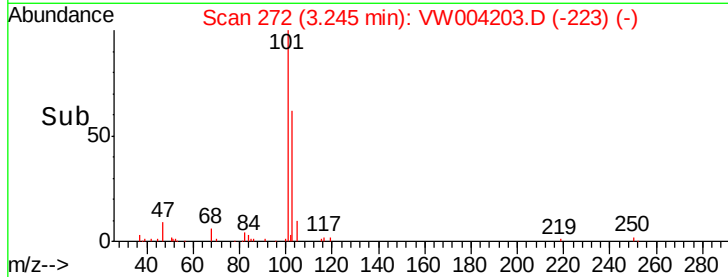
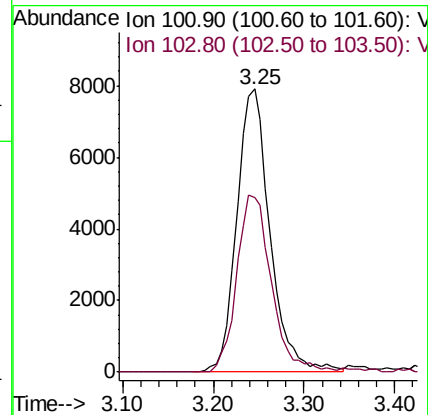
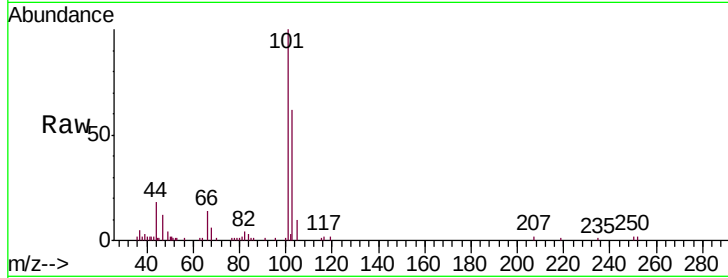
Trichlorofluoromethane
 Concen: 19.78 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	49.0	73.6

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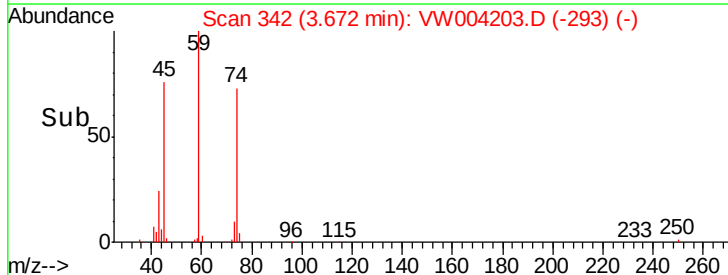
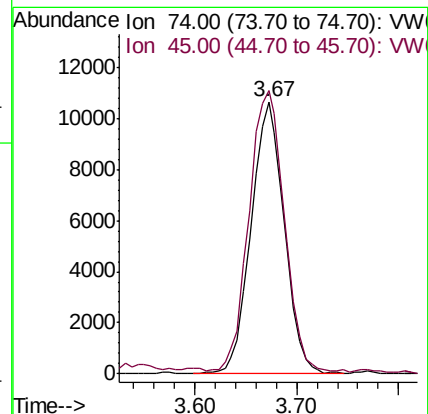
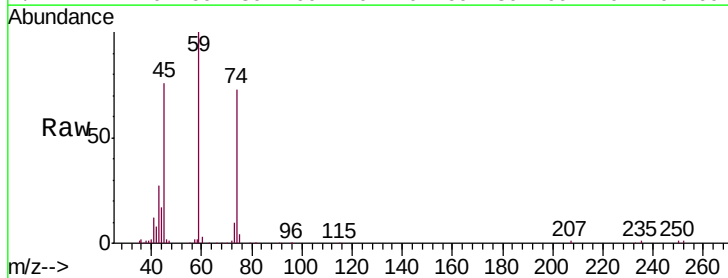
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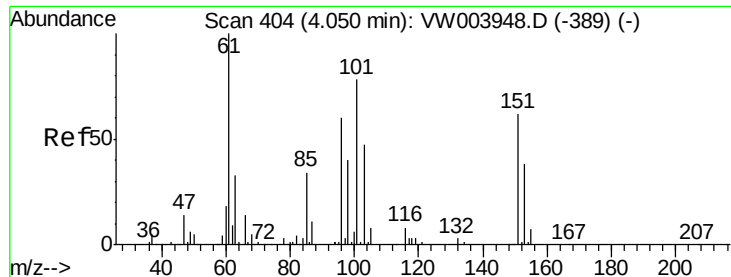


#8

Diethyl Ether
 Concen: 20.40 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.4	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.14 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

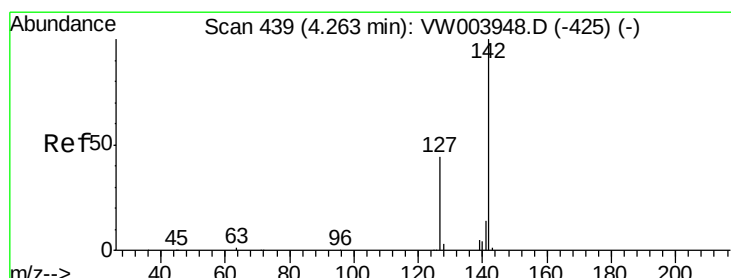
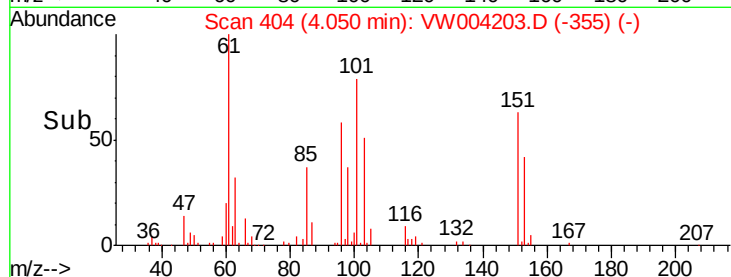
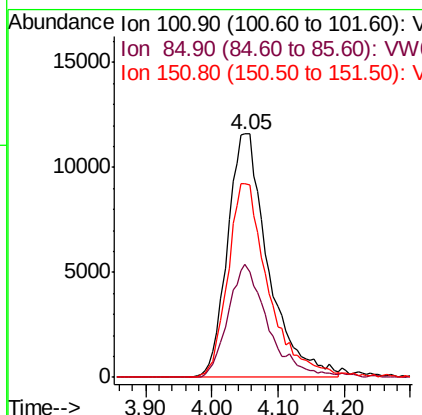
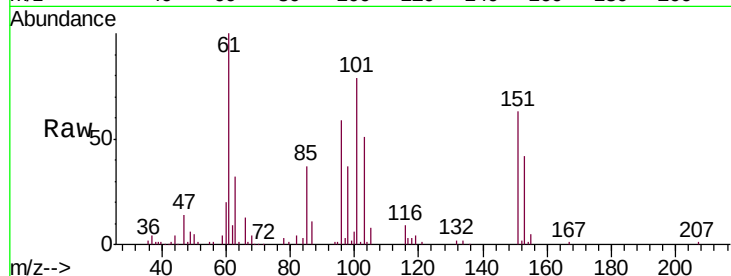
ClientSampleId :

VW0726SBS01

Tot Ion:	101	Resp:	49559
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.8	53.6
151	79.7	63.6	95.4

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#10

Methyl Iodide

Concen: 21.56 ug/l

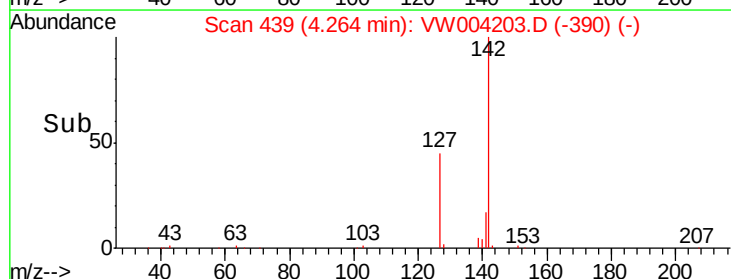
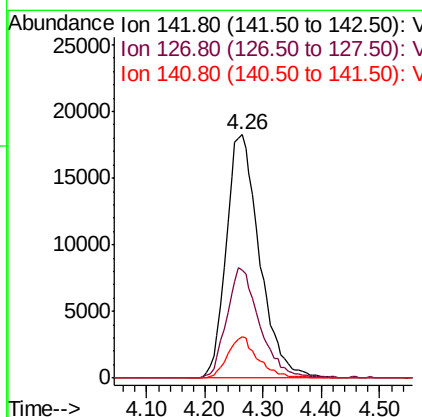
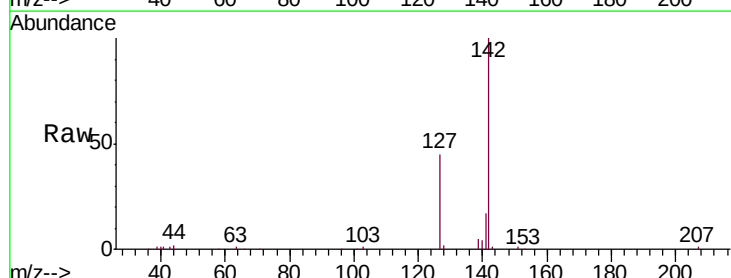
RT: 4.26 min Scan# 439

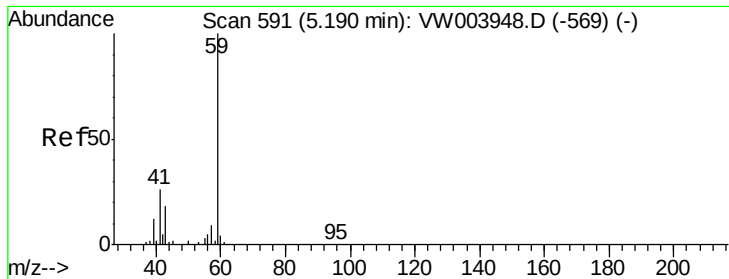
Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Tgt Ion:	142	Resp:	72578
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.4	53.2
141	15.3	11.7	17.5





#11

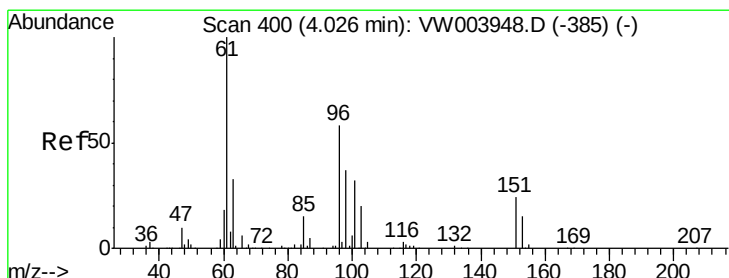
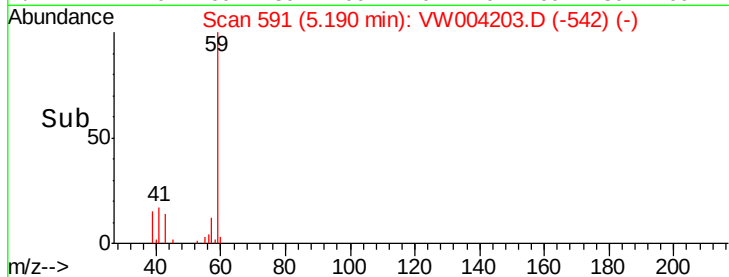
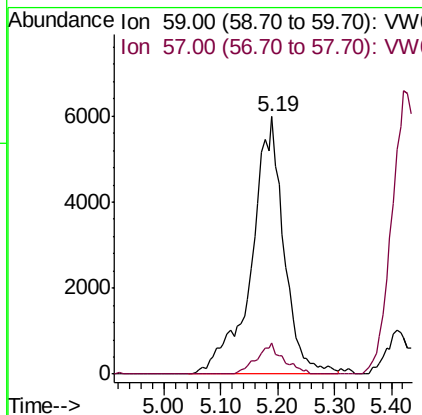
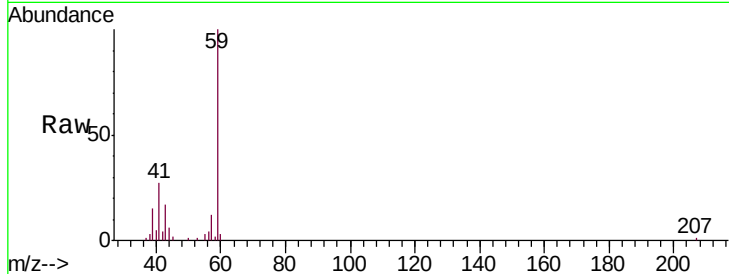
Tert butyl alcohol
 Concen: 128.78 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampled :
 VW0726SBS01

Tot Ion	59	Resp	23651
Ion Ratio	100	Lower	Upper
57	10.0	8.5	12.7

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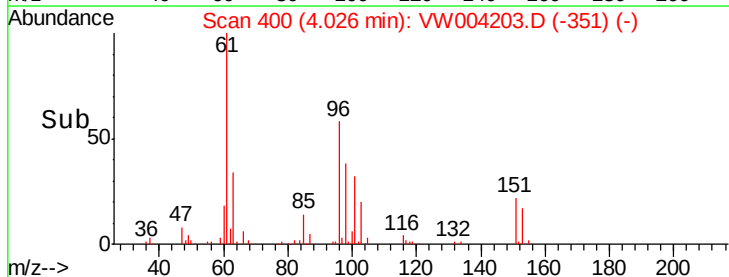
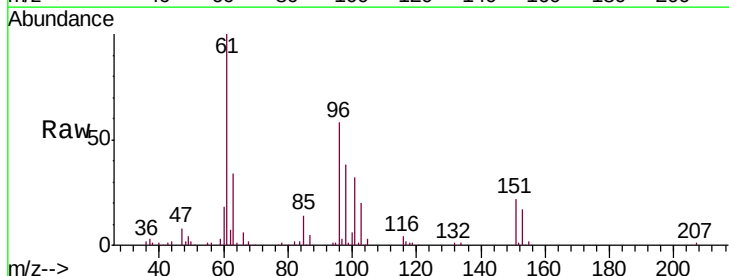
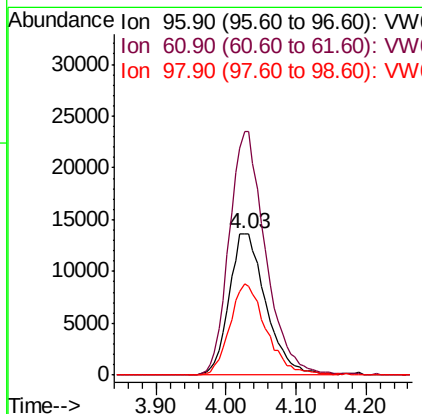
apatel
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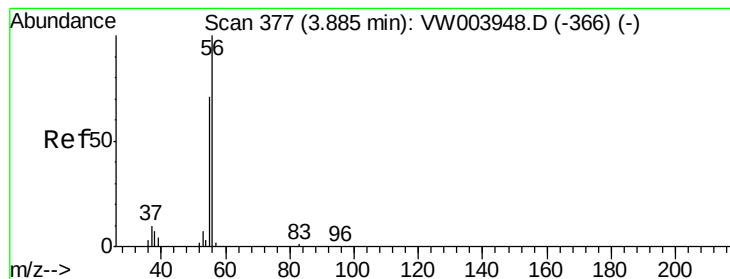


#12

1,1-Dichloroethene
 Concen: 21.60 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	96	Resp	49966
Ion Ratio	100	Lower	Upper
61	171.9	137.0	205.6
98	64.6	50.2	75.4





#13

Acrolein

Concen: 101.42 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 56 Resp: 19138

Ion Ratio Lower Upper

56 100

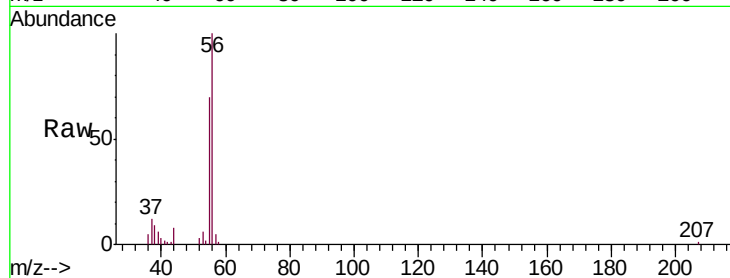
55 70.5 58.2 87.4

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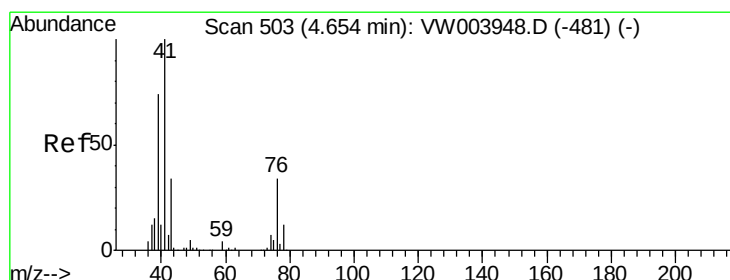
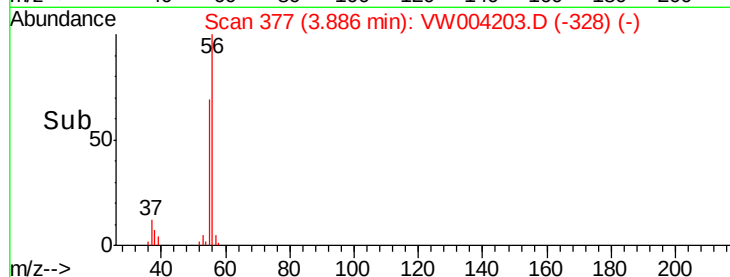
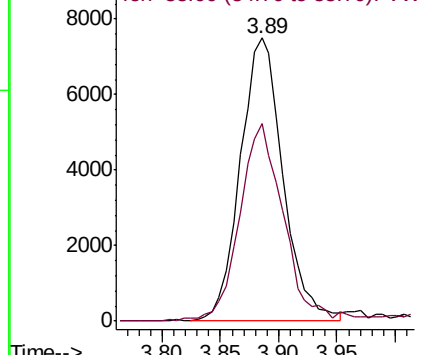
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.72 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

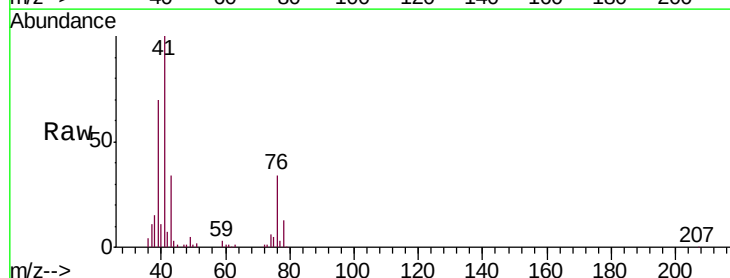
Tgt Ion: 41 Resp: 82937

Ion Ratio Lower Upper

41 100

39 68.4 57.0 85.4

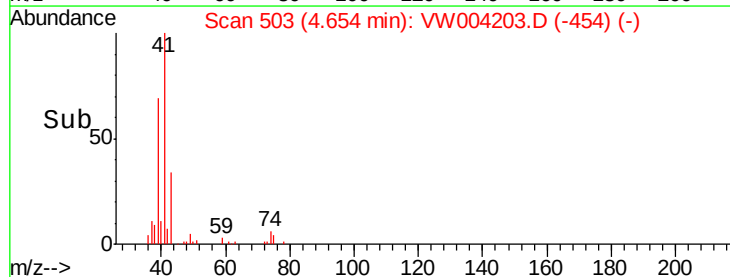
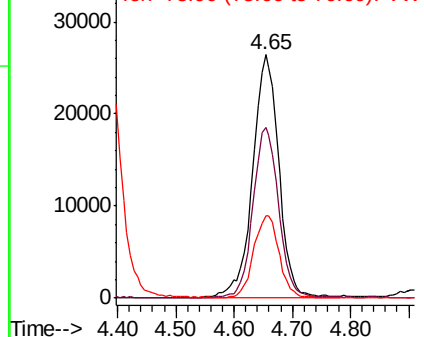
76 32.8 26.5 39.7

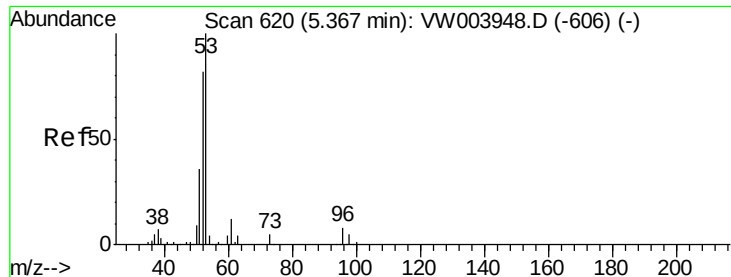


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 117.45 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

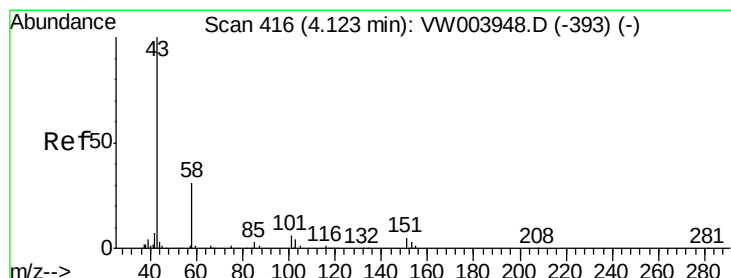
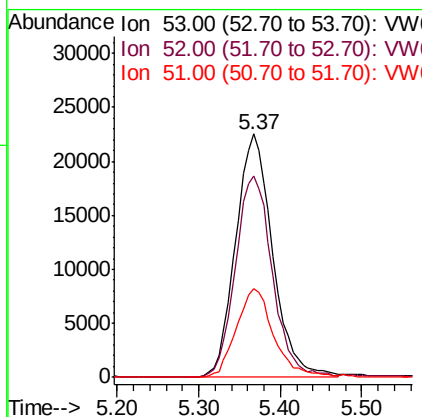
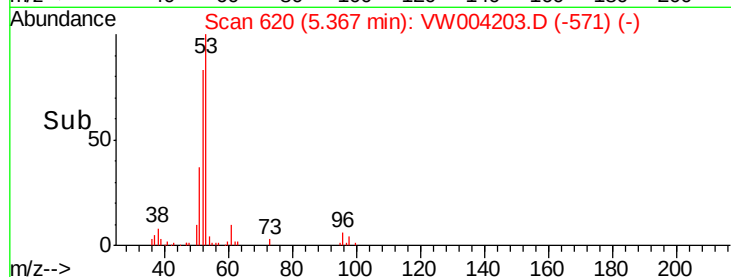
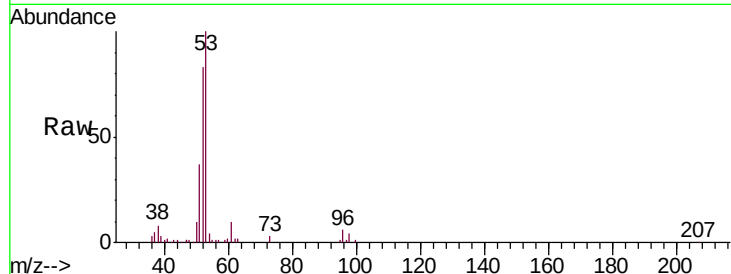
ClientSampleId :

VW0726SBS01

Tot Ion:	53	Resp:	70968
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.1	99.1
51	36.9	29.8	44.6

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#16

Acetone

Concen: 105.42 ug/l

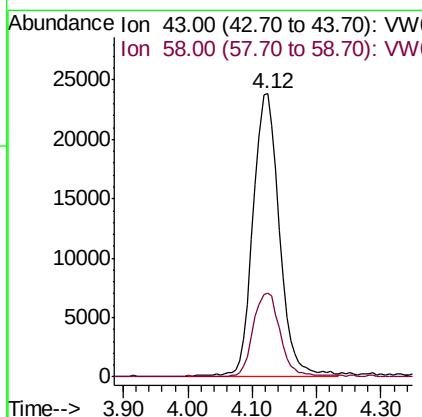
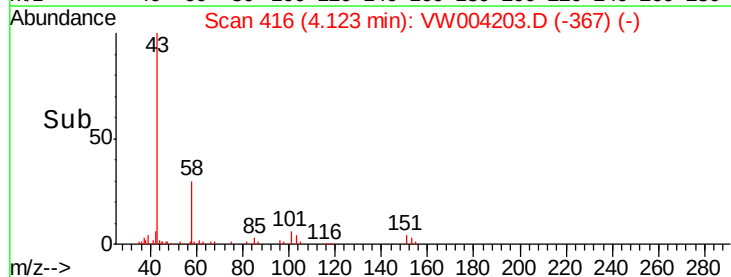
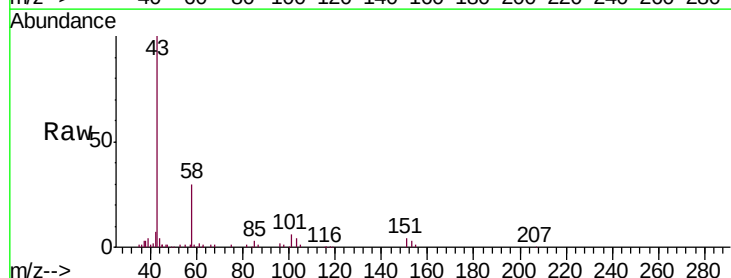
RT: 4.12 min Scan# 416

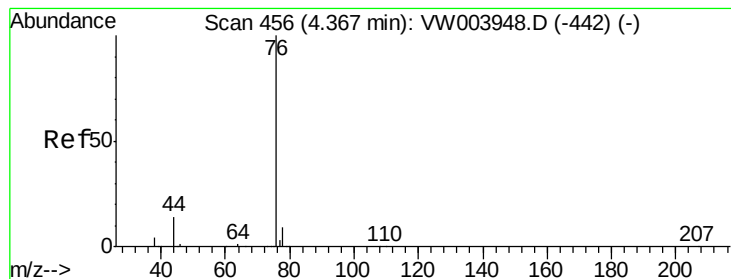
Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Tgt Ion:	43	Resp:	67394
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.5	36.7





#17

Carbon Disulfide

Concen: 21.67 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBSD01

Tot Ion: 76 Resp: 156421

Ion Ratio Lower Upper

76 100

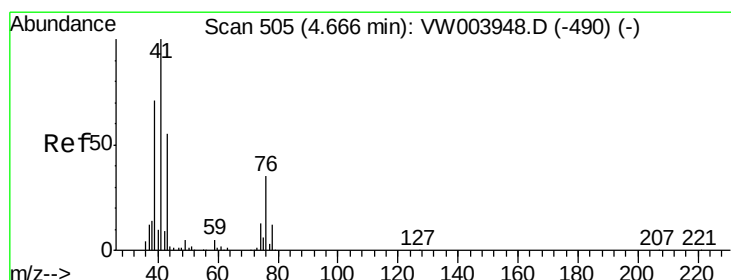
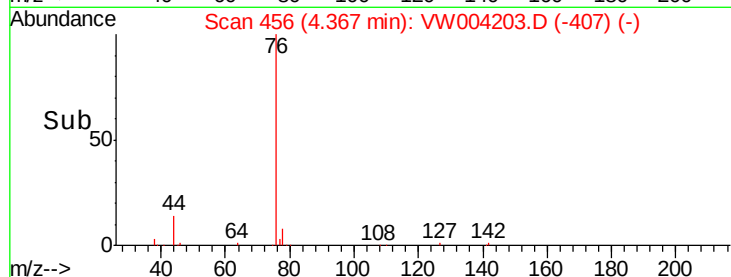
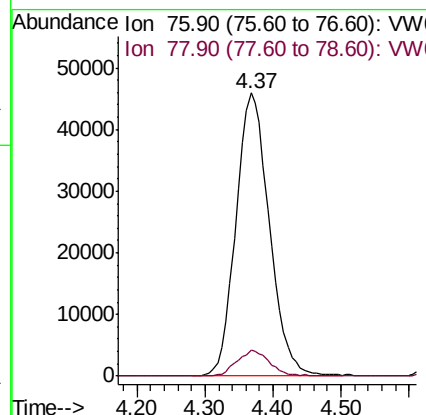
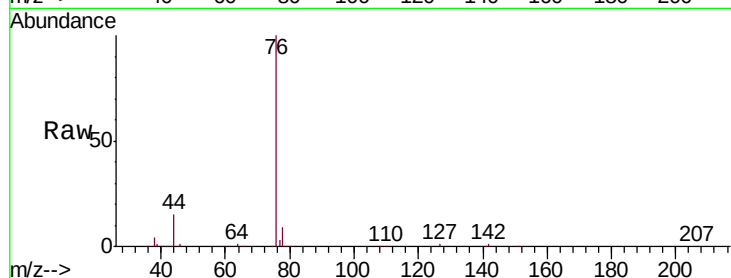
78 9.0 7.1 10.7

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#18

Methyl Acetate

Concen: 23.20 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW004203.D

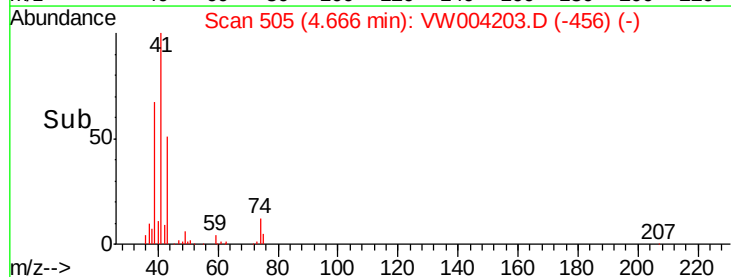
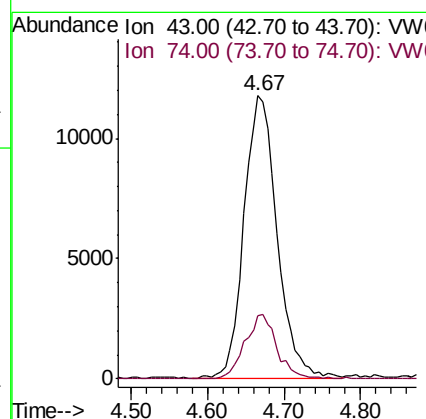
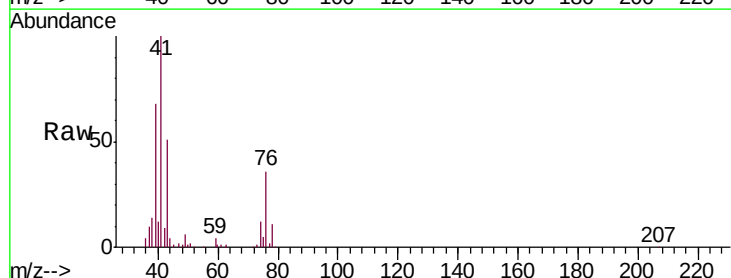
Acq: 25 Jul 2018 20:19

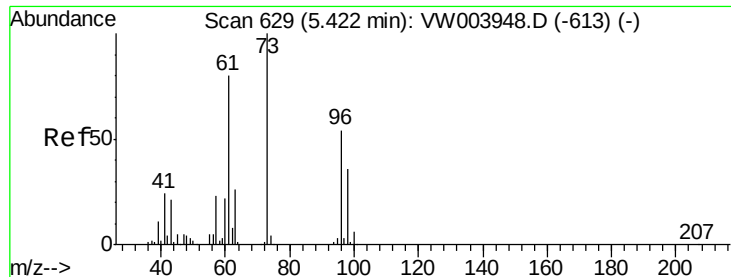
Tgt Ion: 43 Resp: 35606

Ion Ratio Lower Upper

43 100

74 21.6 17.7 26.5





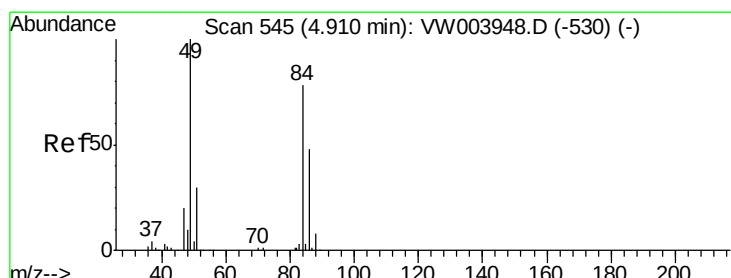
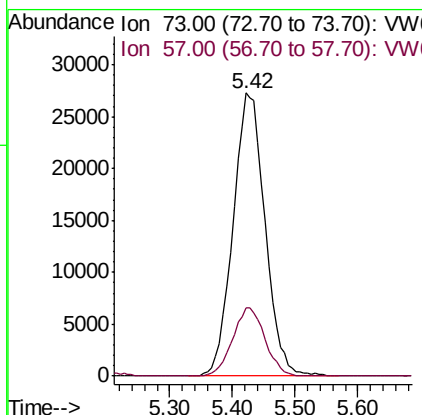
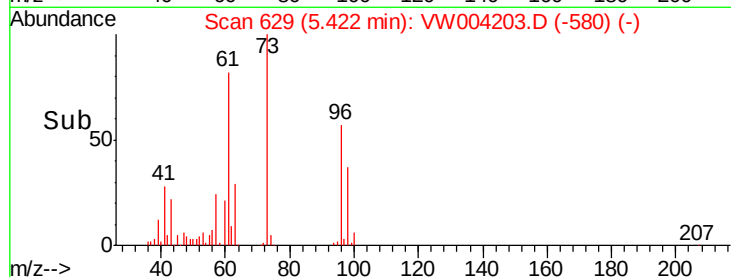
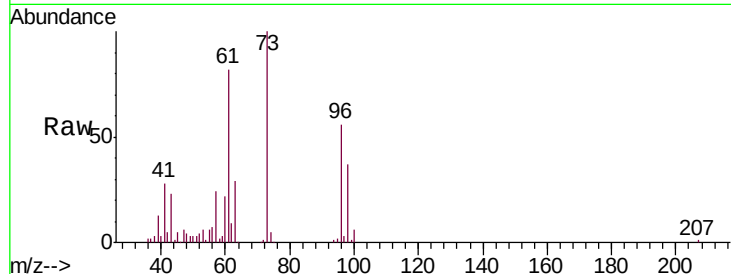
#19
Methyl tert-butyl Ether
Concen: 21.66 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion: 73 Resp: 96020
Ion Ratio Lower Upper
73 100
57 24.1 18.2 27.4

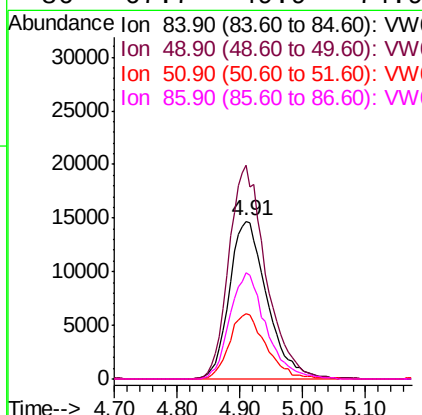
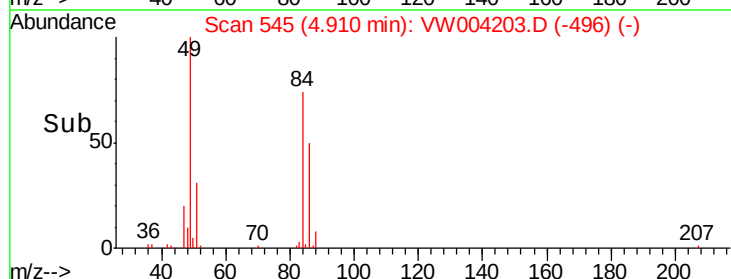
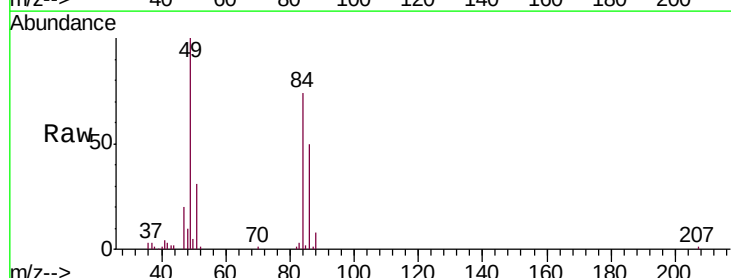
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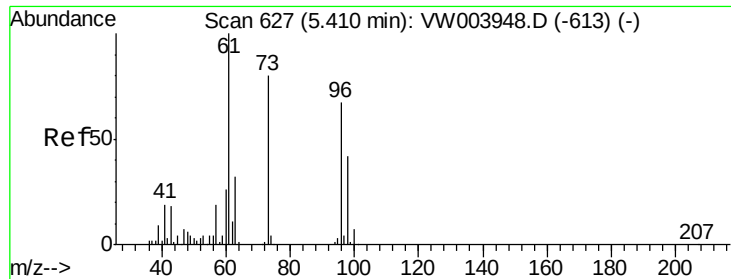
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#20
Methylene Chloride
Concen: 16.46 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion: 84 Resp: 61335
Ion Ratio Lower Upper
84 100
49 135.5 102.9 154.3
51 41.4 30.9 46.3
86 67.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.51 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampled :

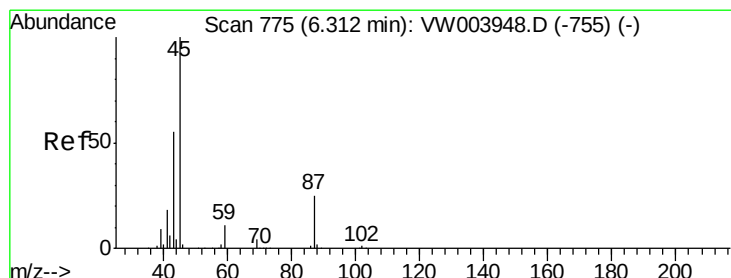
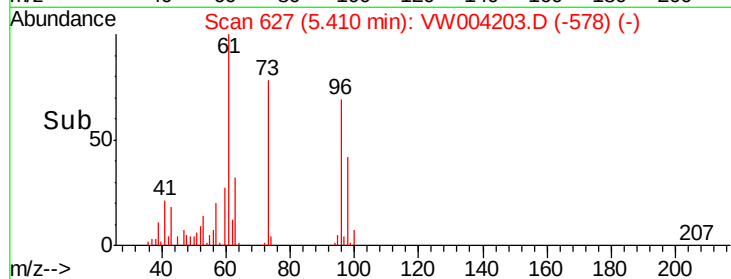
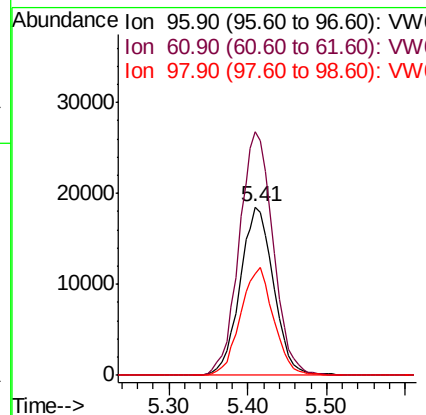
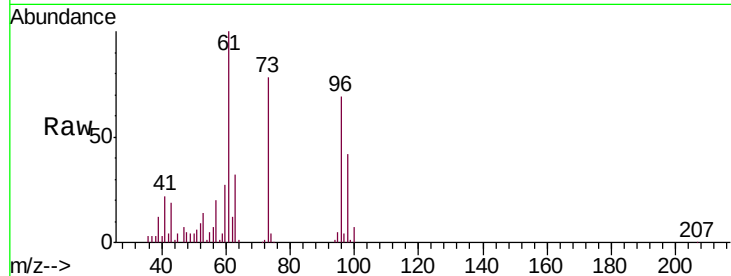
VW0726SBS01

Tot Ion:	96	Resp:	54548
Ion	Ratio	Lower	Upper
96	100		
61	144.6	119.0	178.4
98	60.2	49.9	74.9

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#22

Diisopropyl ether

Concen: 23.35 ug/l

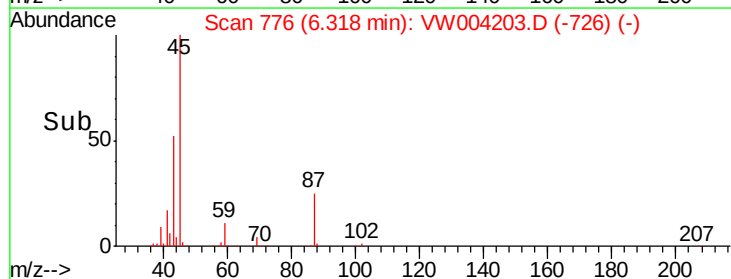
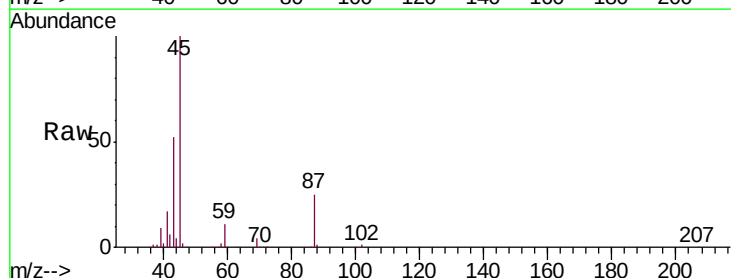
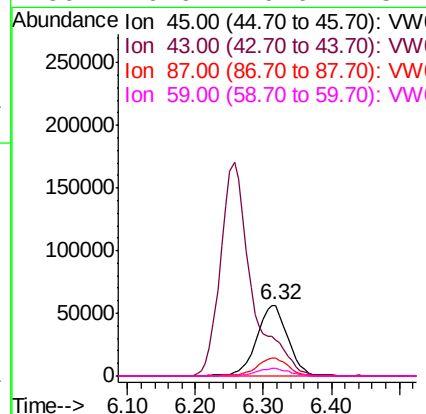
RT: 6.32 min Scan# 776

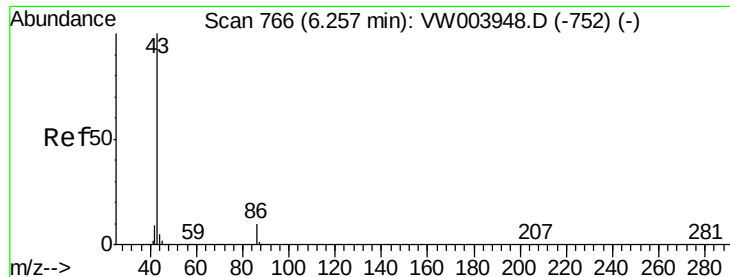
Delta R.T. 0.01 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Tgt Ion:	45	Resp:	180171
Ion	Ratio	Lower	Upper
45	100		
43	50.8	44.3	66.5
87	24.6	20.2	30.4
59	10.9	9.0	13.4





#23

Vinyl Acetate

Concen: 111.95 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 43 Resp: 547352

Ion Ratio Lower Upper

43 100

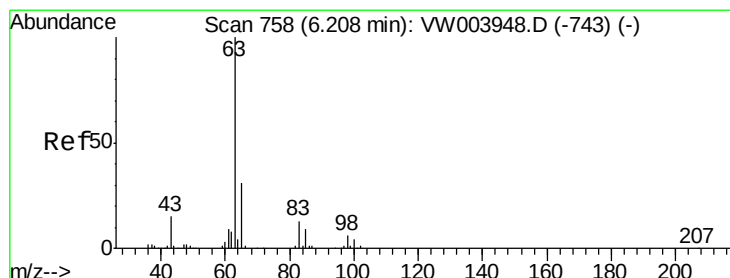
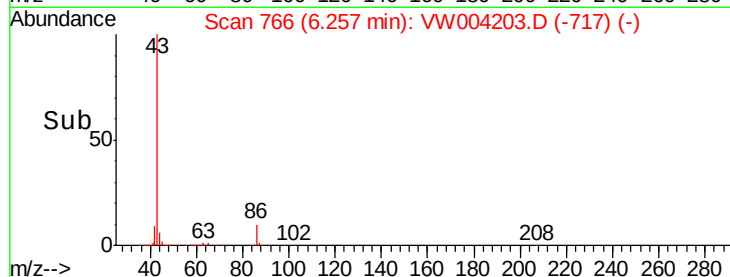
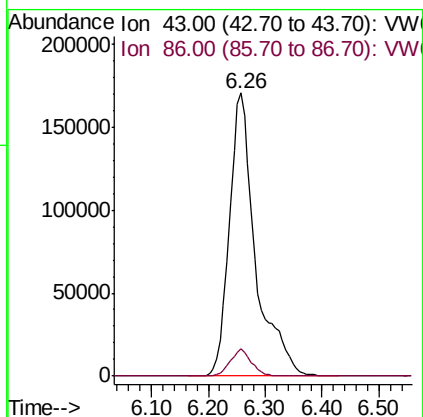
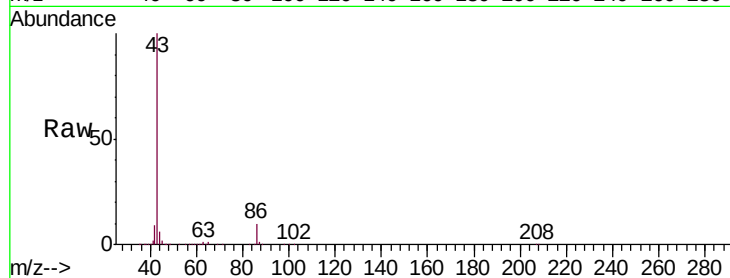
86 9.6 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 22.67 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

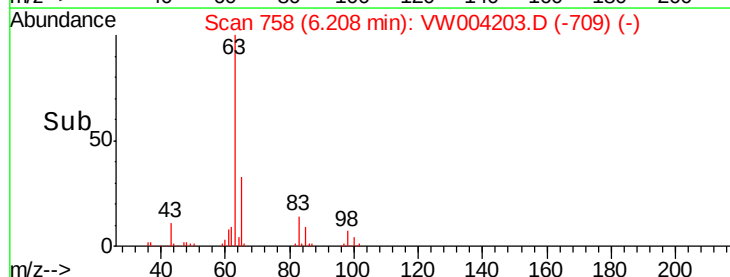
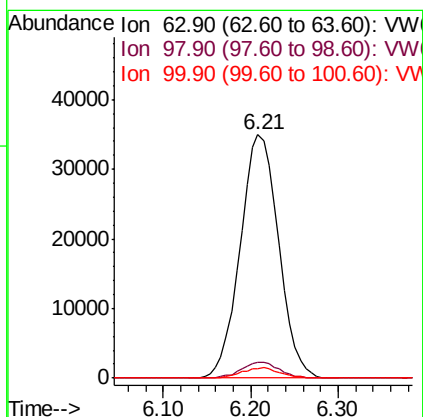
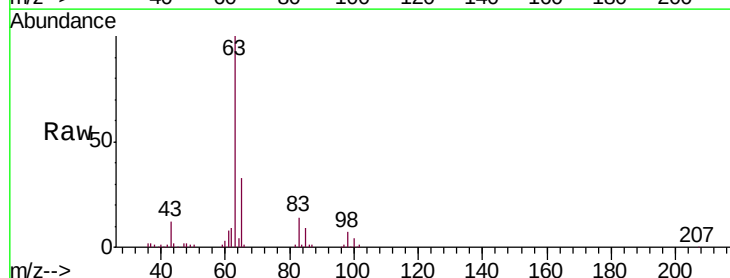
Tgt Ion: 63 Resp: 106727

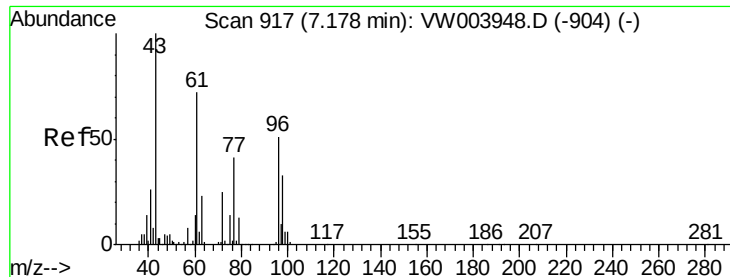
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 112.42 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 43 Resp: 96715

Ion Ratio Lower Upper

43 100

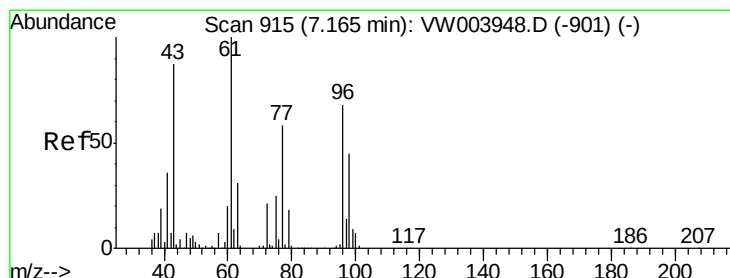
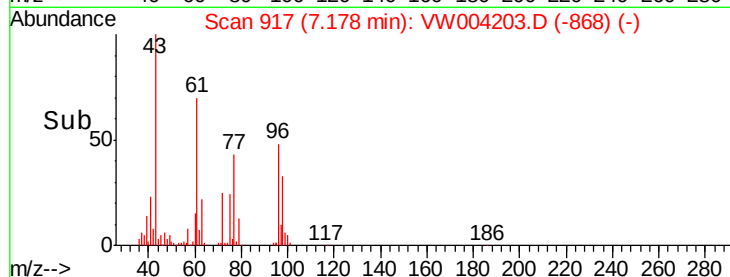
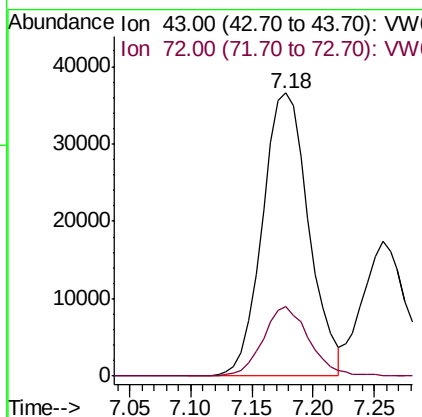
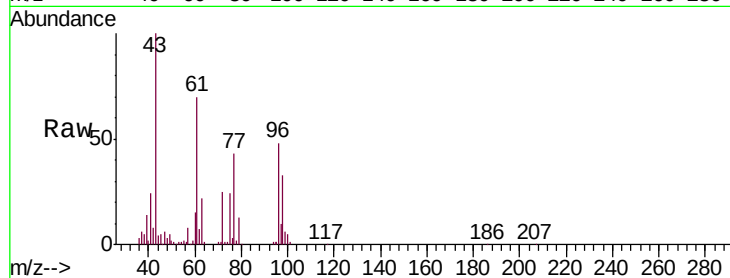
72 24.7 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.56 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW004203.D

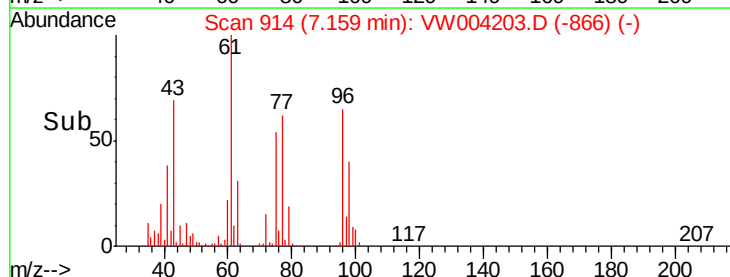
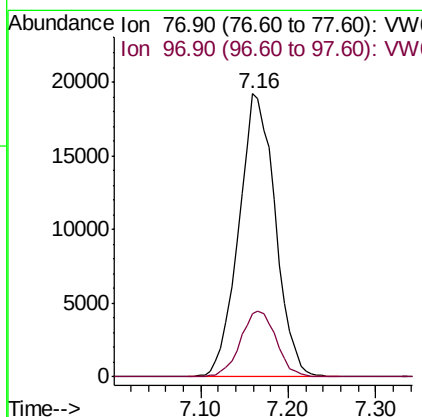
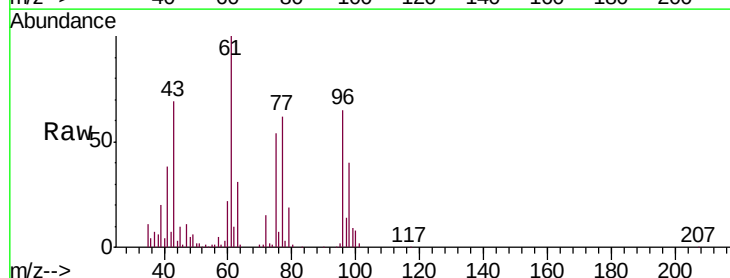
Acq: 25 Jul 2018 20:19

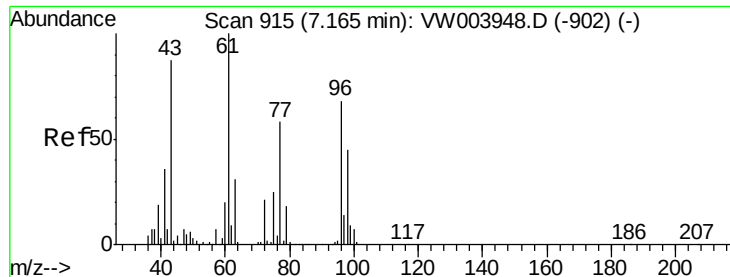
Tgt Ion: 77 Resp: 55577

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.3





#27

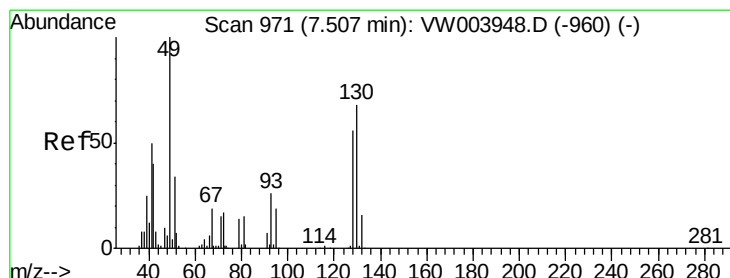
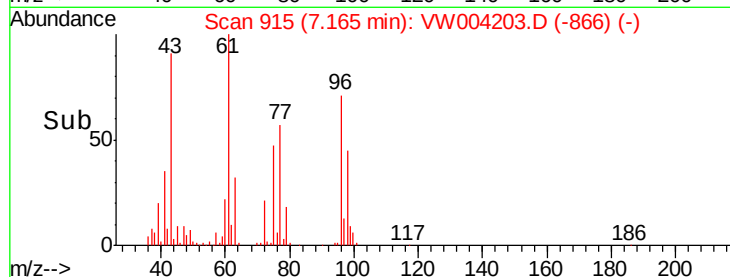
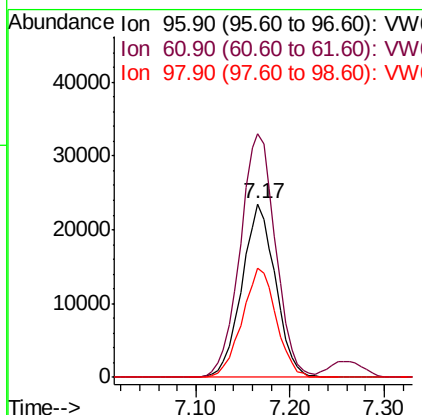
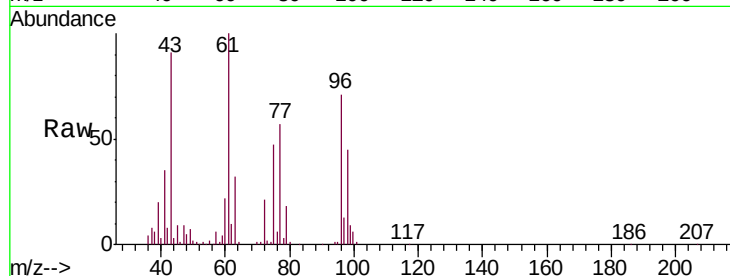
cis-1,2-Dichloroethene
 Concen: 21.31 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	298.6
98	64.5	0.0	130.4

Manual Integrations
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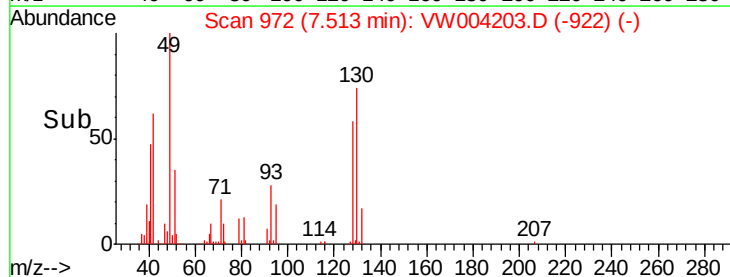
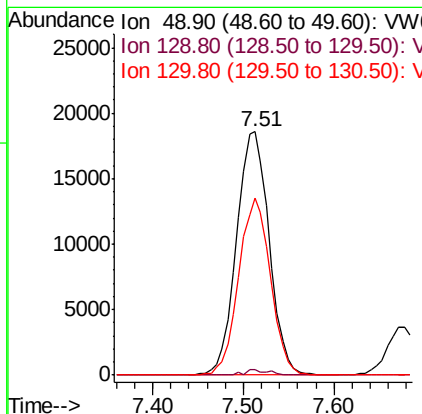
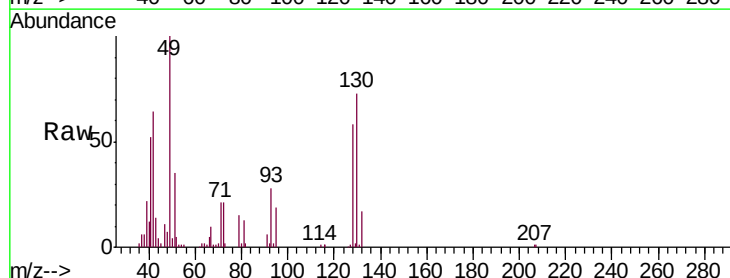
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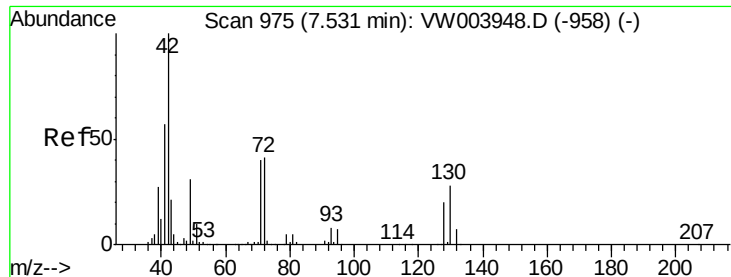


#28

Bromochloromethane
 Concen: 24.13 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.2
130	70.8	58.3	87.5





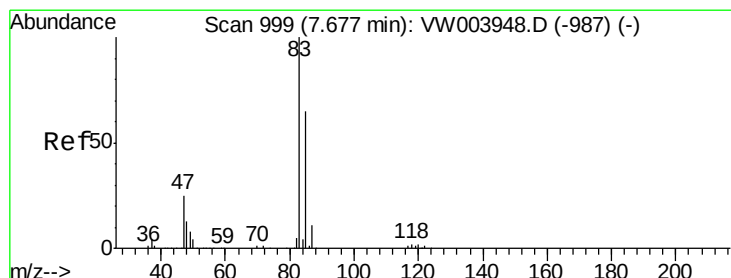
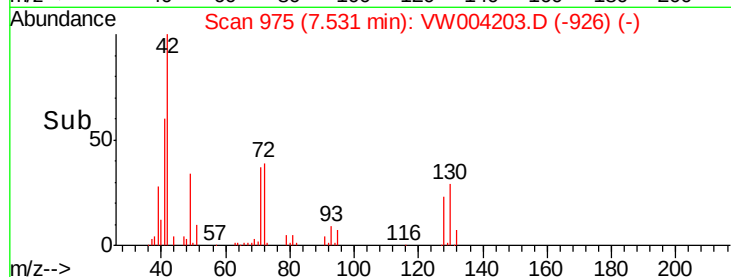
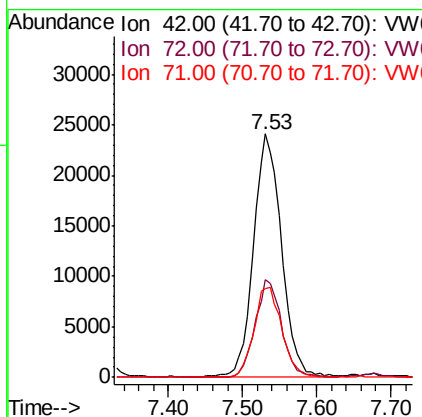
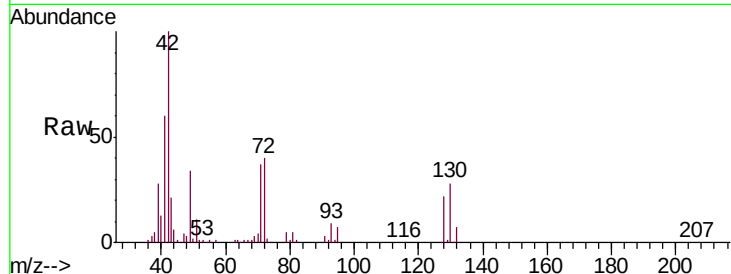
#29
Tetrahydrofuran
Concen: 118.88 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.7	32.6	48.8
71	36.5	30.5	45.7

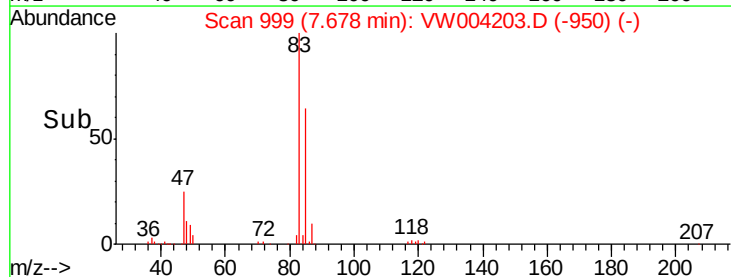
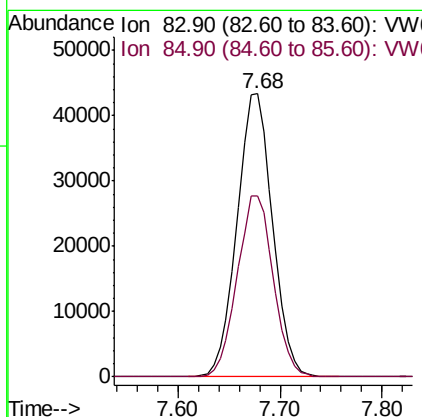
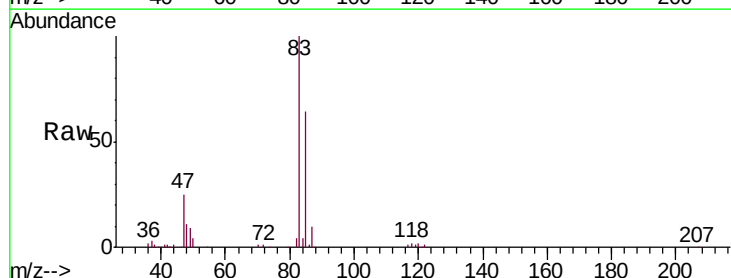
Manual Integrations
APPROVED

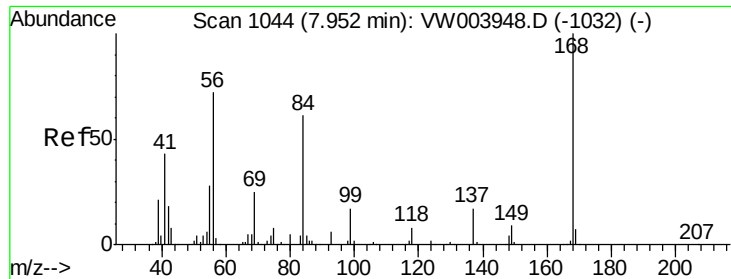
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#30
Chloroform
Concen: 22.38 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.2	78.4





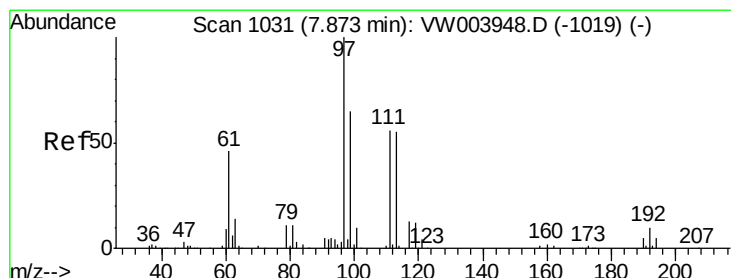
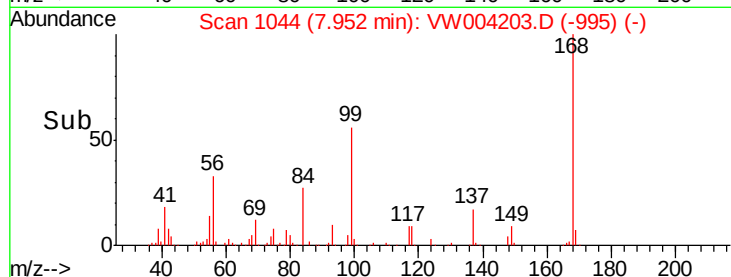
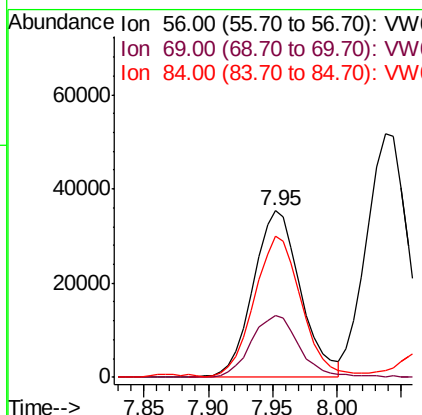
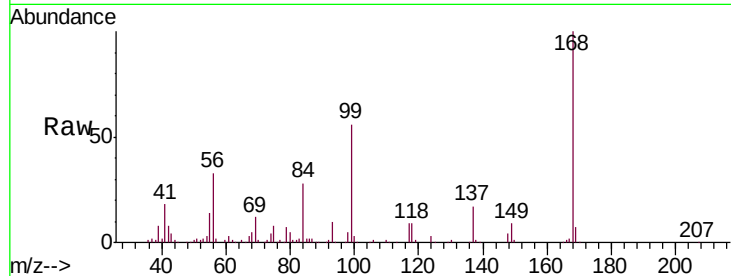
#31
Cyclohexane
Concen: 20.47 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	56	Resp	90323
Ion Ratio	Lower	Upper	
56	100		
69	37.5	27.8	41.8
84	83.1	67.2	100.8

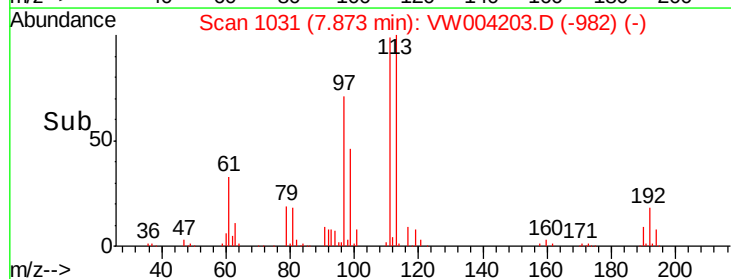
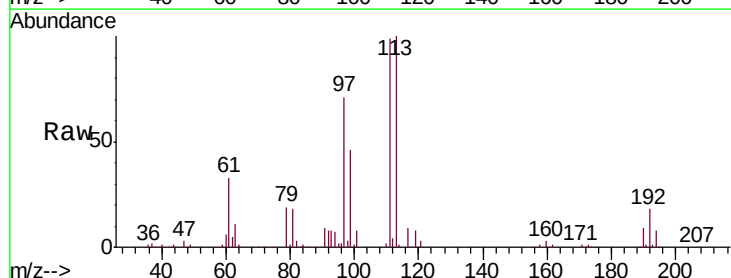
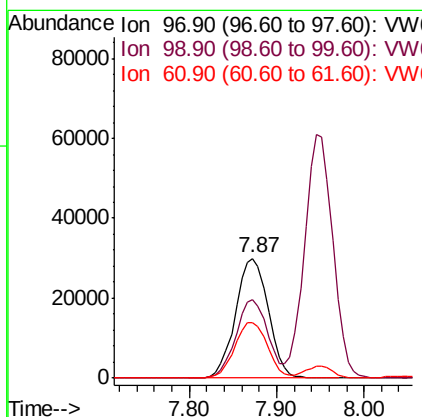
Manual Integrations
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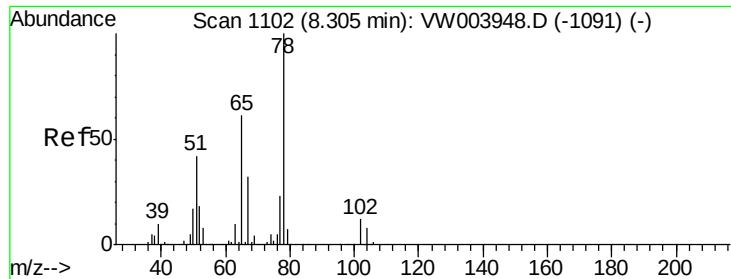
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#32
1,1,1-Trichloroethane
Concen: 21.34 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	97	Resp	78032
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.3	76.9
61	46.5	36.8	55.2





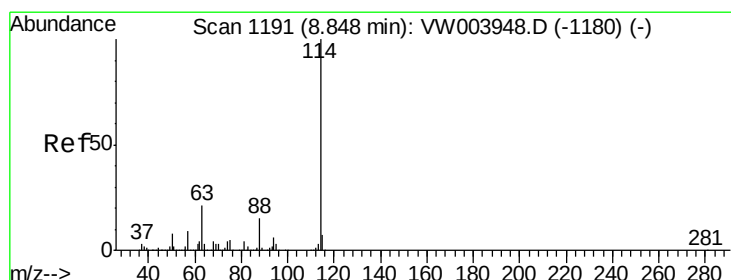
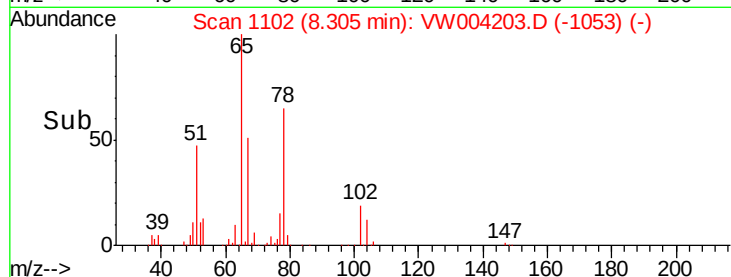
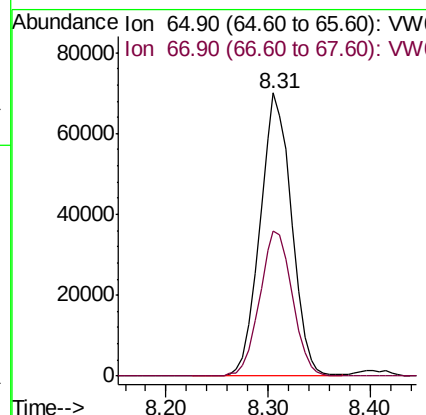
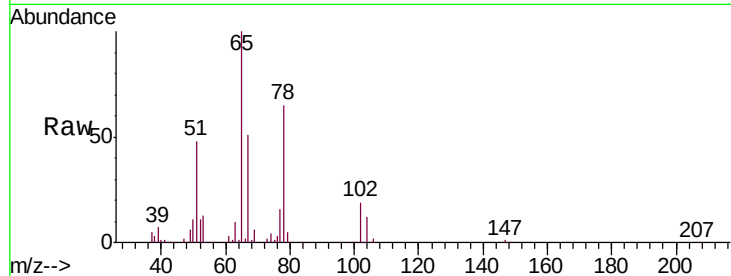
#33
 1,2-Dichloroethane-d4
 Concen: 56.67 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	105.0	

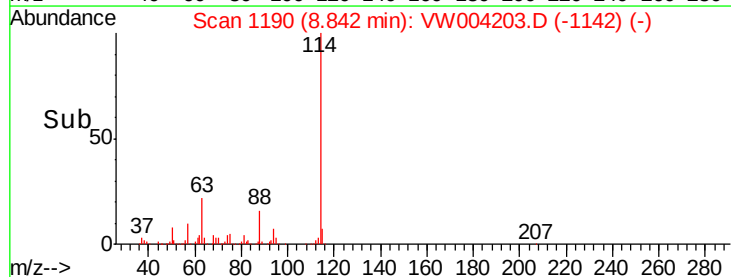
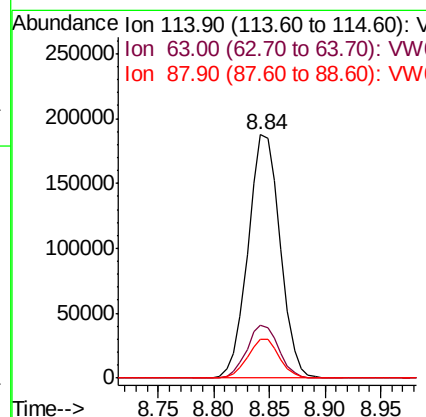
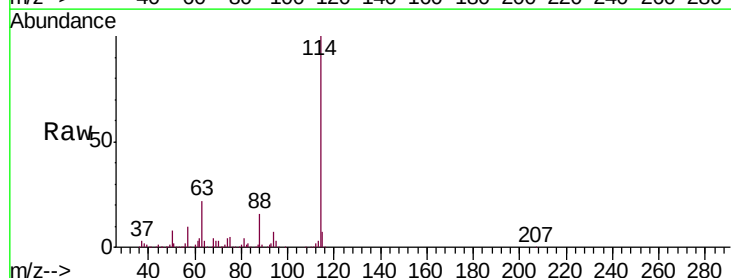
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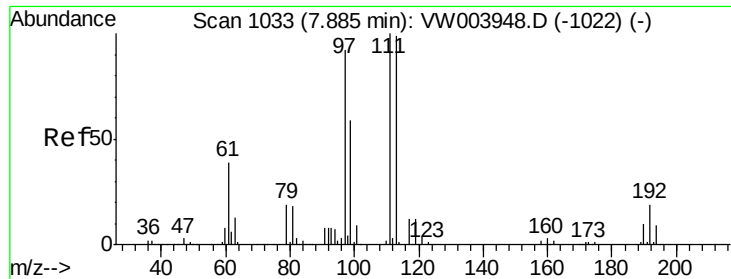
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.8	0.0	42.8	
88	15.9	0.0	30.4	





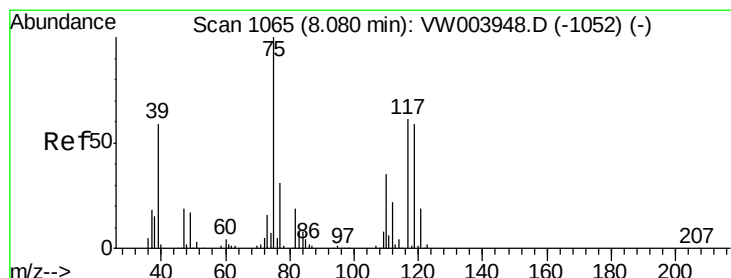
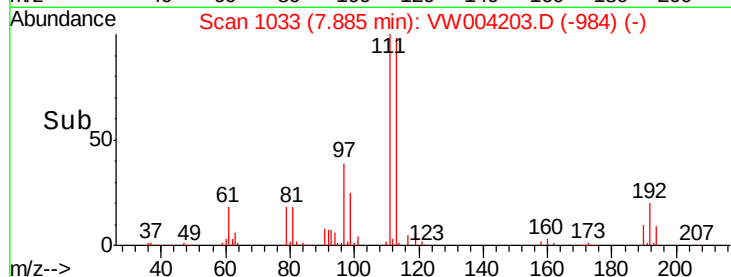
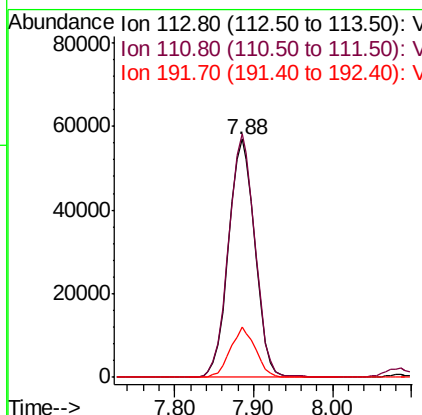
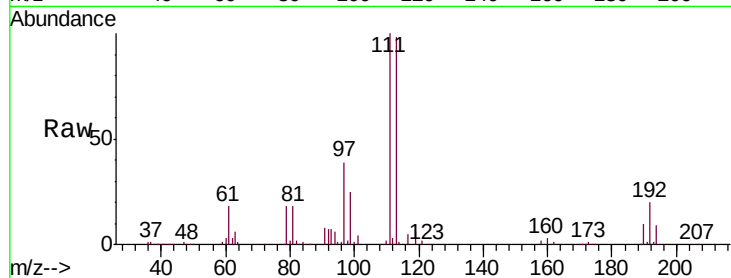
#35
 Dibromofluoromethane
 Concen: 54.82 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132386		
111	101.9	81.3	121.9	
192	20.0	15.8	23.6	

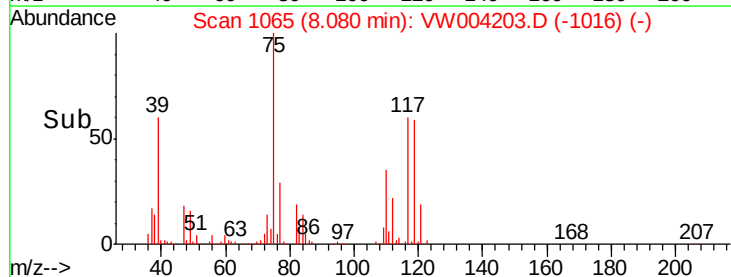
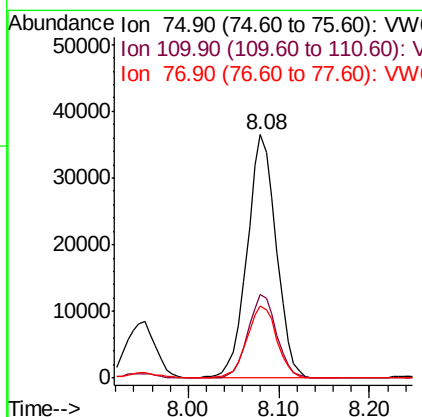
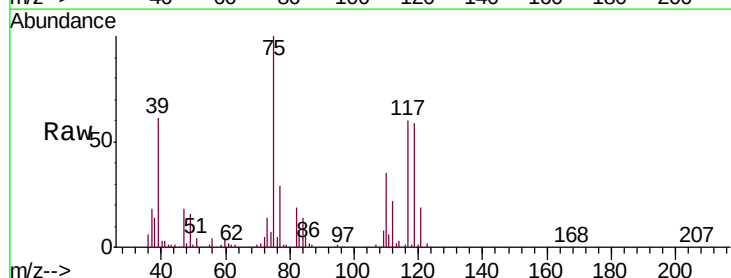
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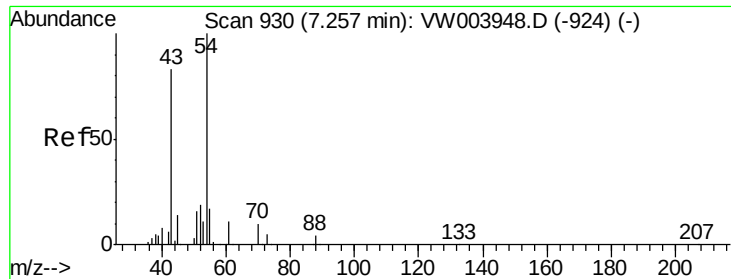
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#36
 1,1-Dichloropropene
 Concen: 20.90 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80947		
110	34.0	17.0	51.0	
77	30.6	24.9	37.3	





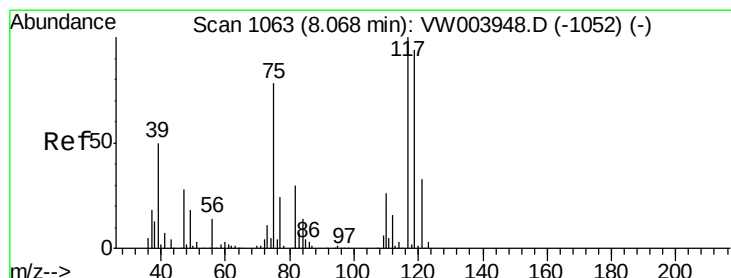
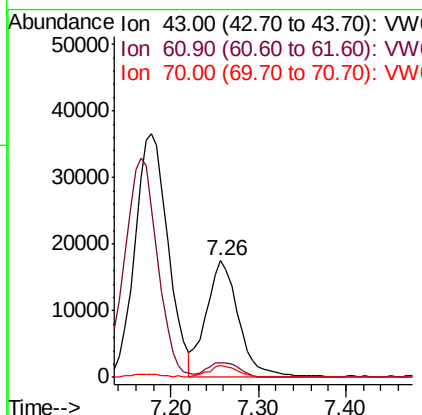
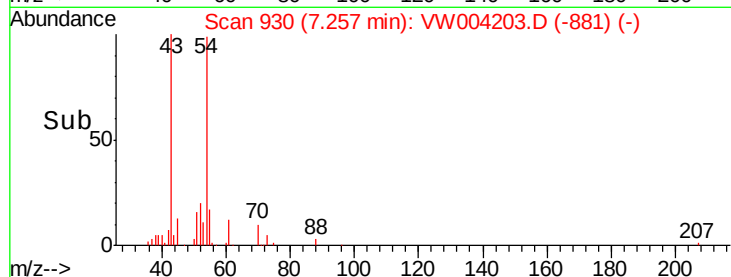
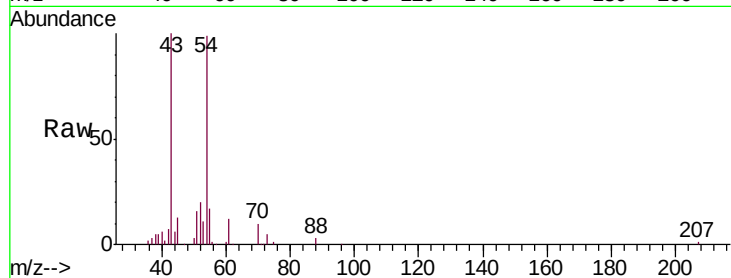
#37
Ethyl Acetate
Concen: 23.99 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.7	16.1
70	9.2	7.7	11.5

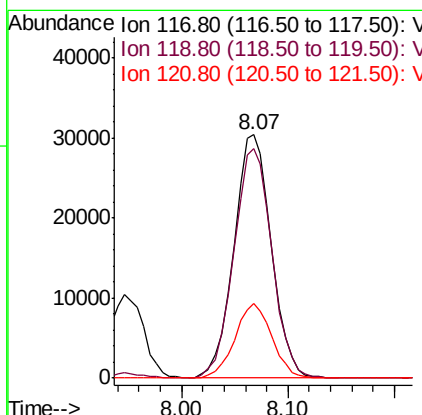
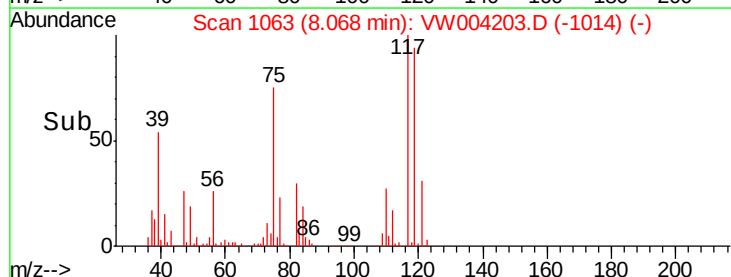
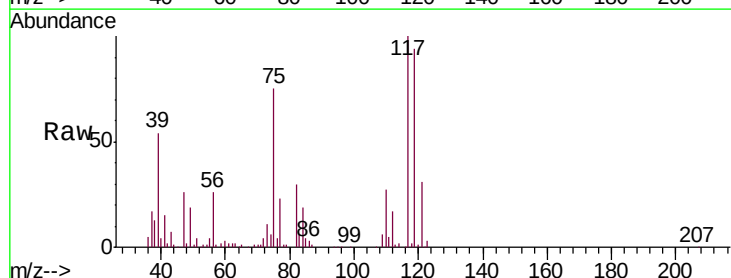
Manual Integrations
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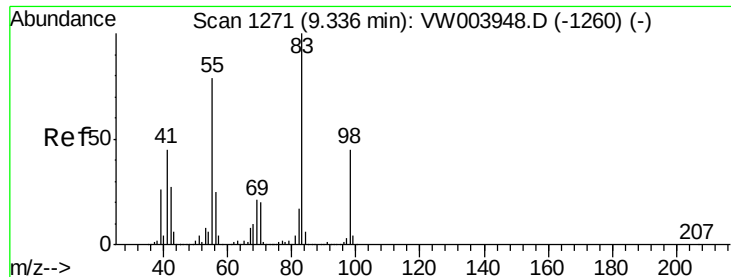
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#38
Carbon Tetrachloride
Concen: 20.72 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.3	112.9
121	30.6	26.0	39.0





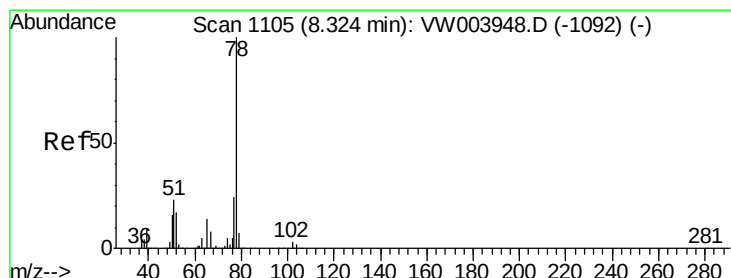
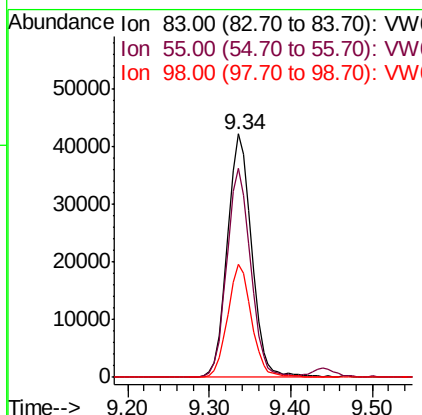
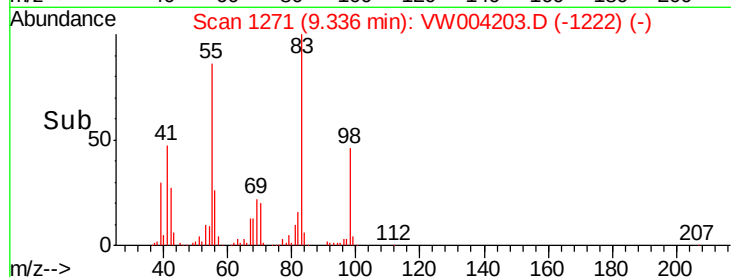
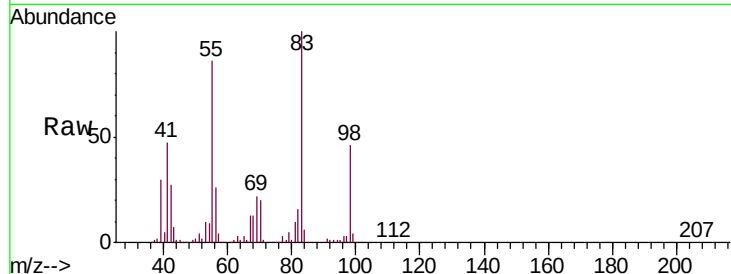
#39
Methylvlcyclohexane
Concen: 19.20 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	83	Resp	87061
Ion	Ratio	Lower	Upper
83	100		
55	85.9	62.8	94.2
98	46.2	36.2	54.4

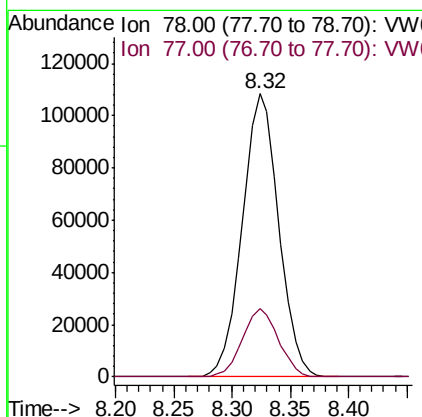
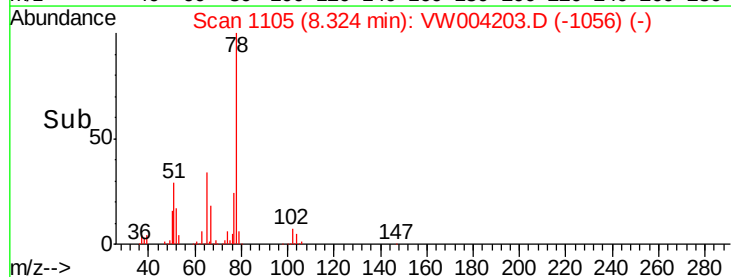
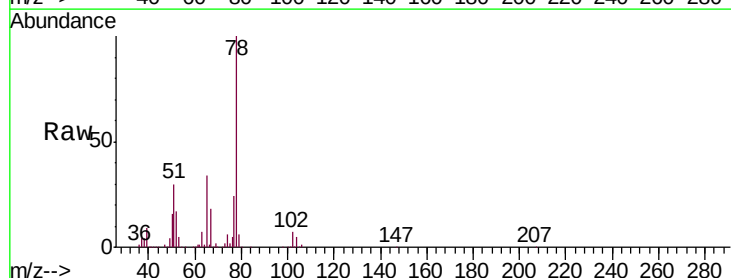
Manual Integrations
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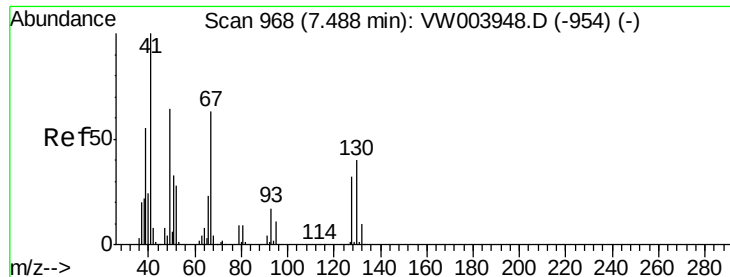
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#40
Benzene
Concen: 21.92 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	78	Resp	235543
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





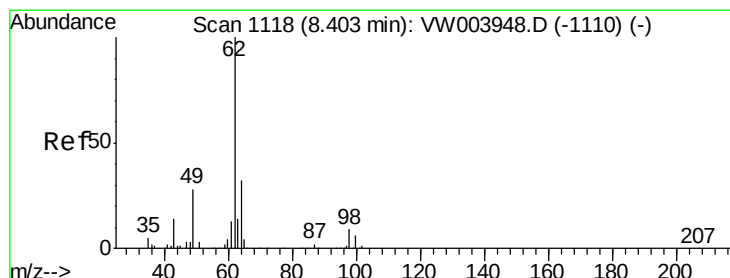
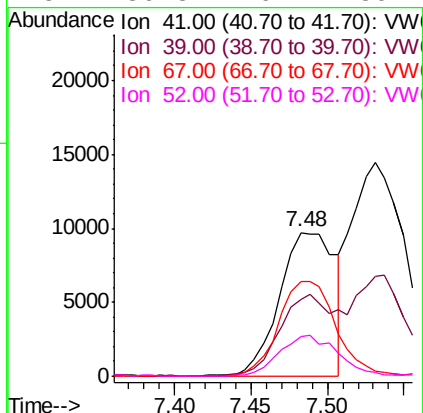
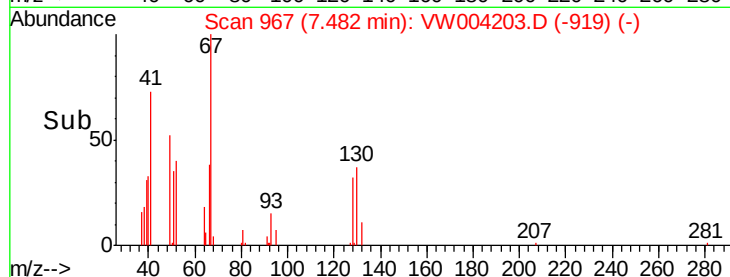
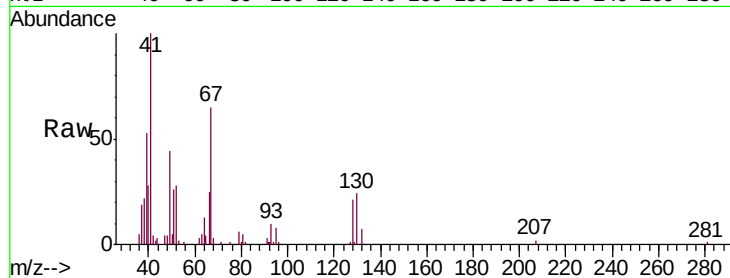
#41
Methacrylonitrile
Concen: 23.82 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	48.1	50.0	75.0#
67	68.3	60.8	91.2
52	30.3	26.2	39.4

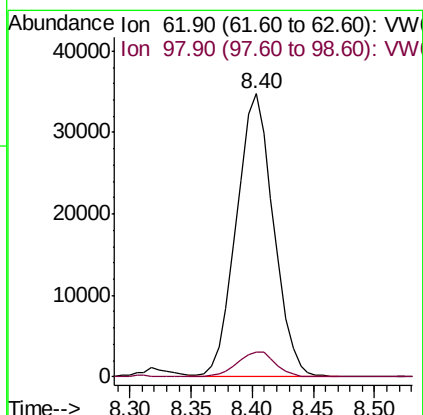
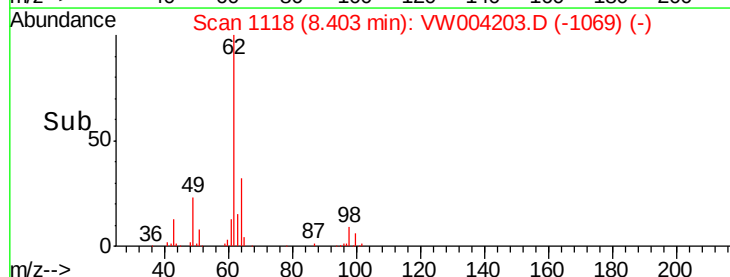
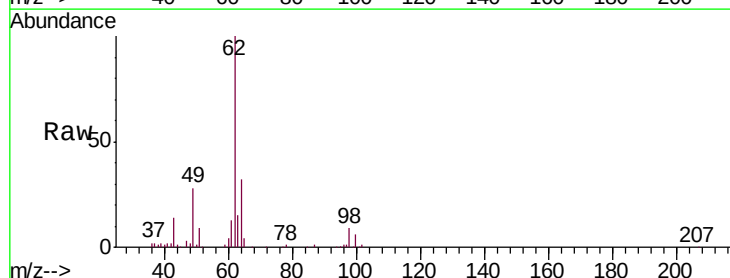
Manual Integrations
APPROVED

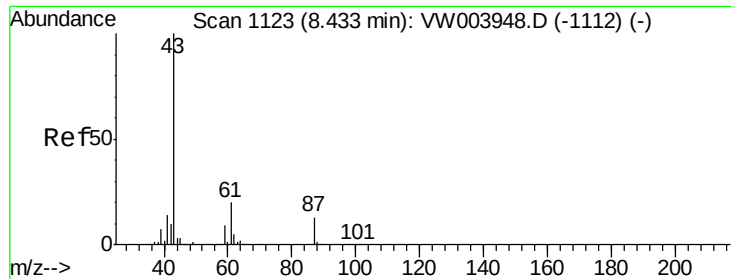
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#42
1,2-Dichloroethane
Concen: 22.35 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.4





#43

Isopropyl Acetate

Concen: 22.29 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

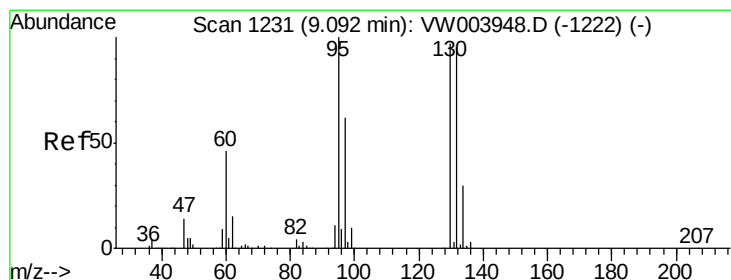
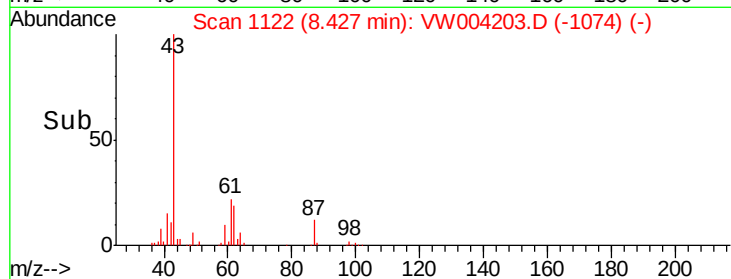
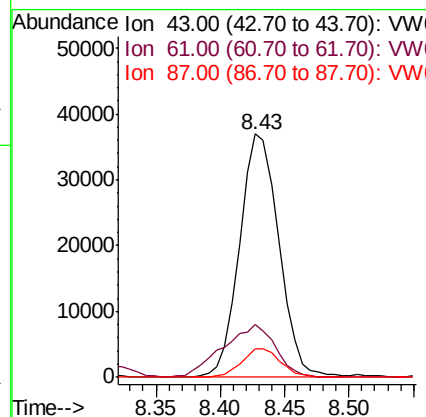
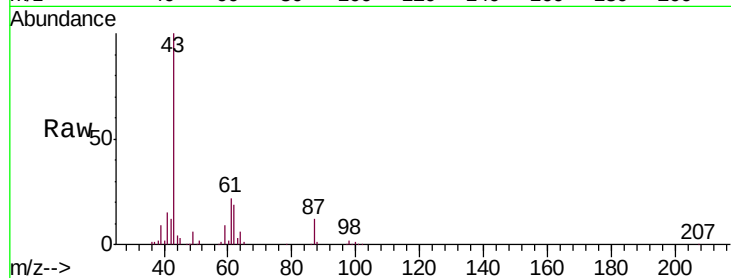
ClientSampleId :

VW0726SBS01

Tot Ion:	43	Resp:	77863
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.0	34.6
87	11.9	9.9	14.9

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#44

Trichloroethene

Concen: 20.99 ug/l

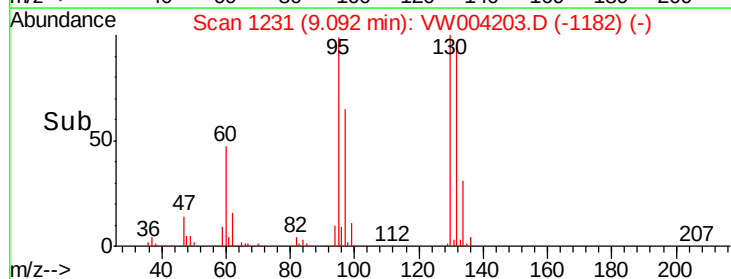
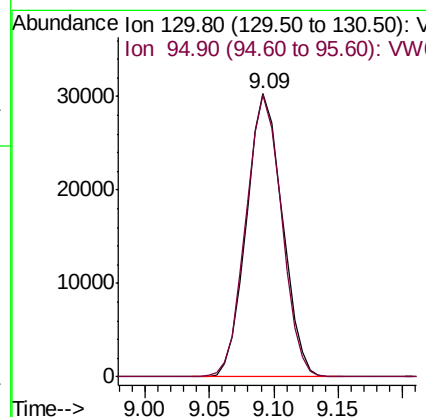
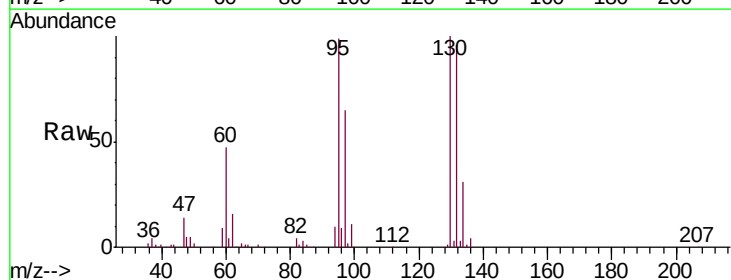
RT: 9.09 min Scan# 1231

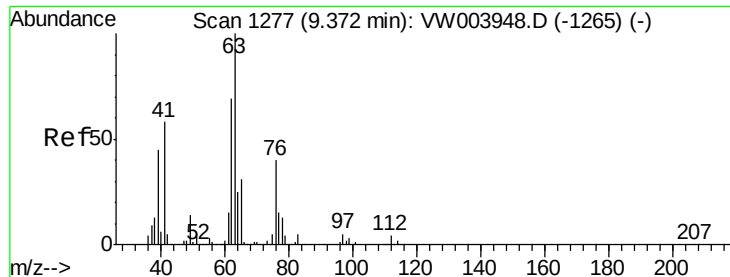
Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Tgt Ion:	130	Resp:	58454
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	206.8





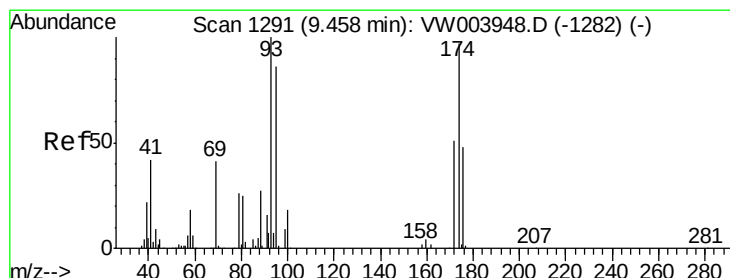
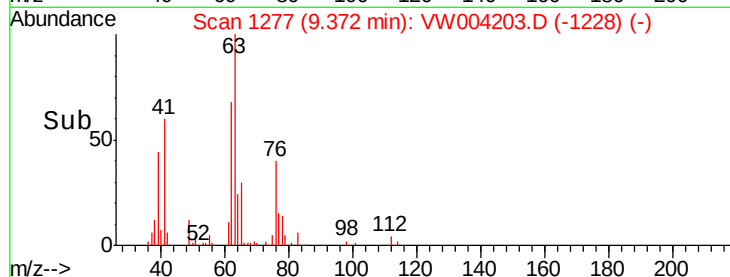
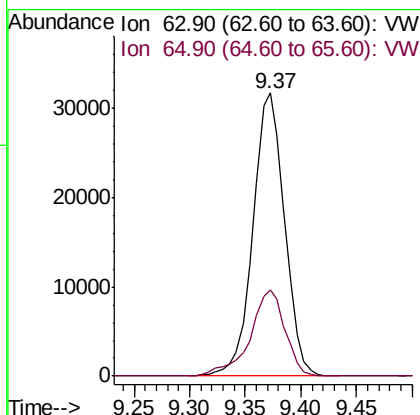
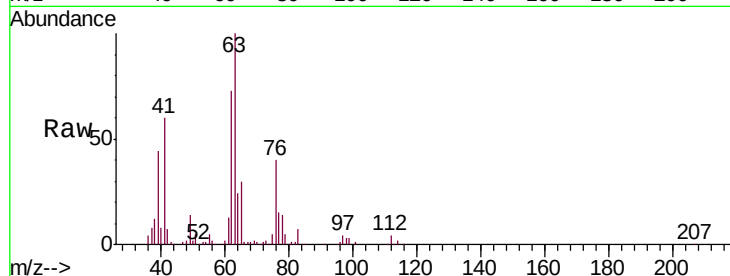
#45
 1,2-Dichloropropane
 Concen: 22.87 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampled :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.8	37.2

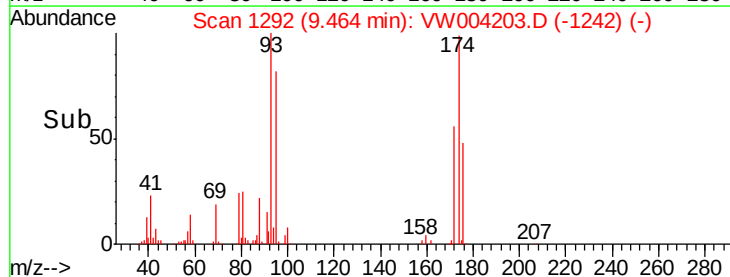
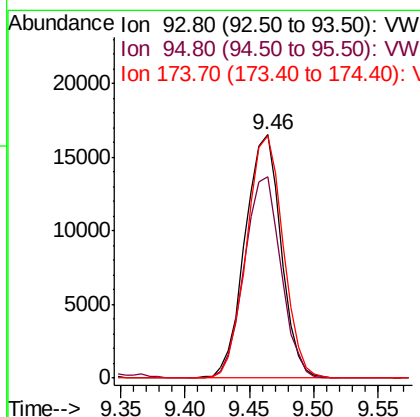
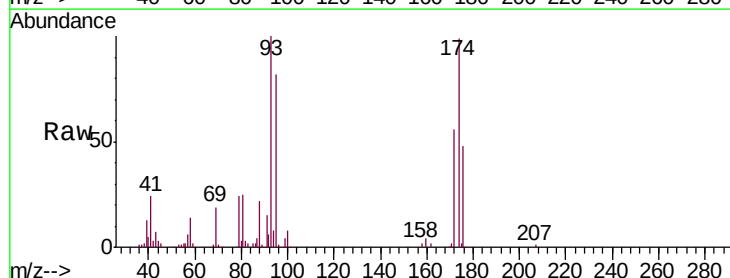
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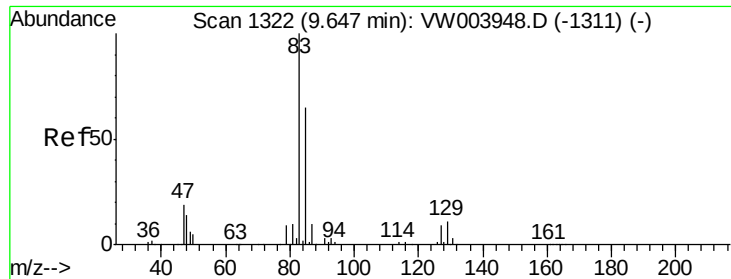
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#46
 Dibromomethane
 Concen: 22.44 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.9	100.3
174	100.5	80.2	120.2





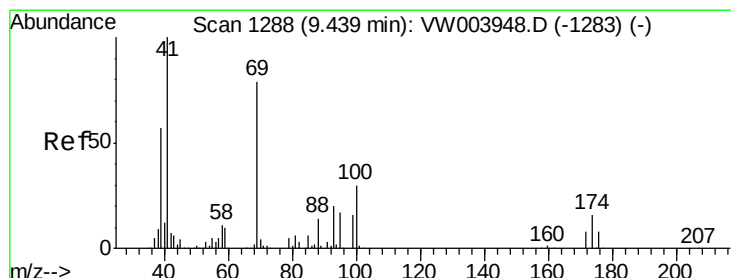
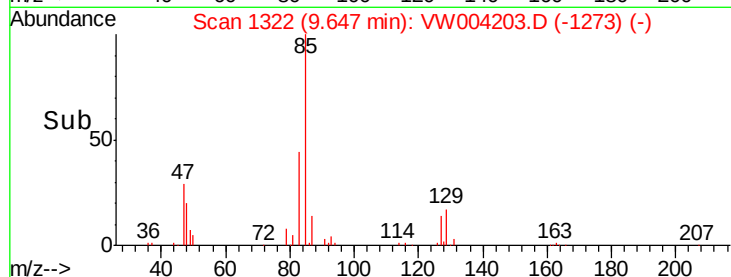
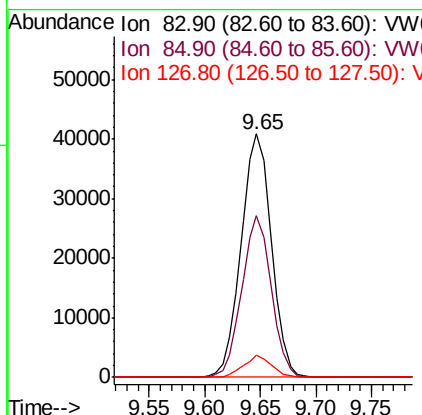
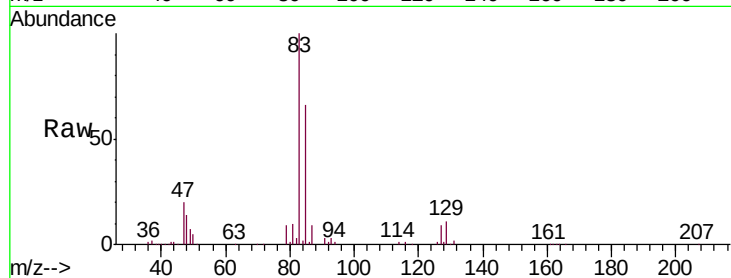
#47
Bromodichloromethane
Concen: 22.04 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.2	78.2
127	9.2	7.0	10.4

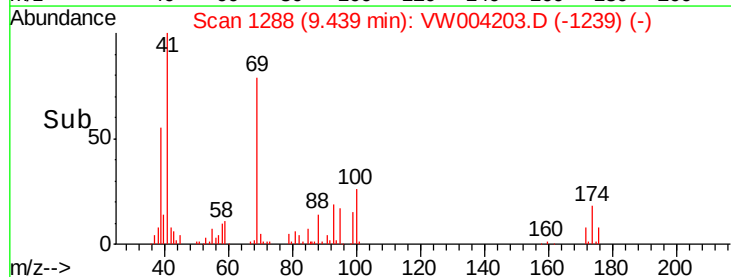
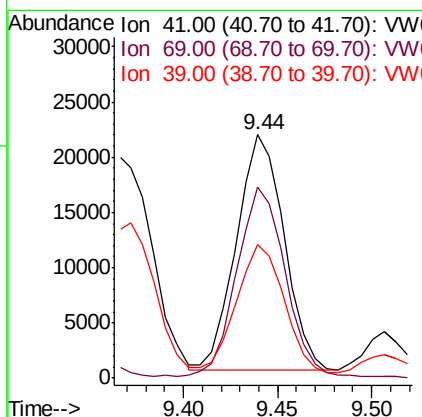
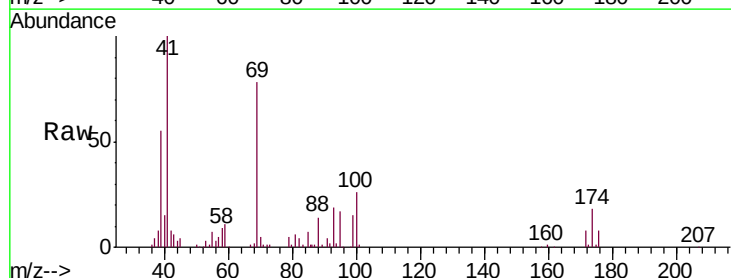
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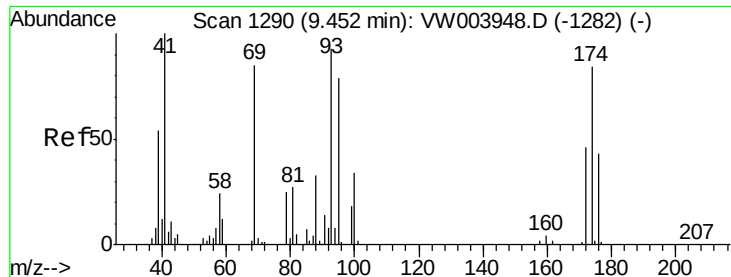
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#48
Methyl methacrylate
Concen: 22.02 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.8	67.0	100.6
39	60.5	48.8	73.2





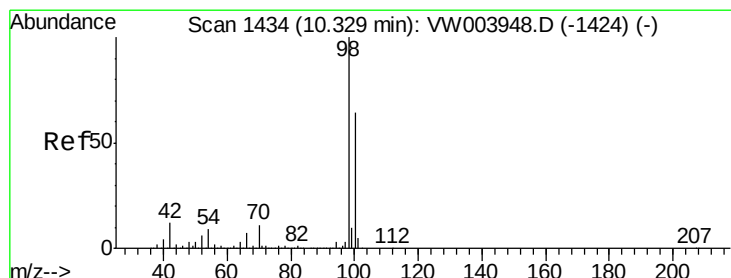
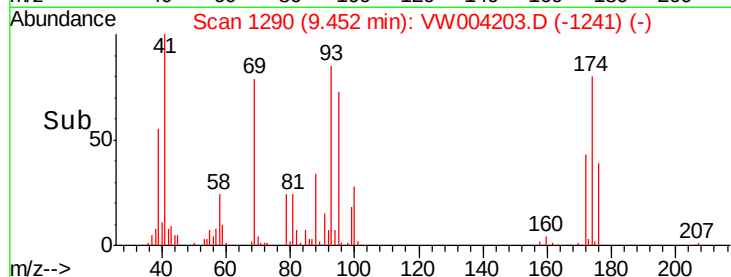
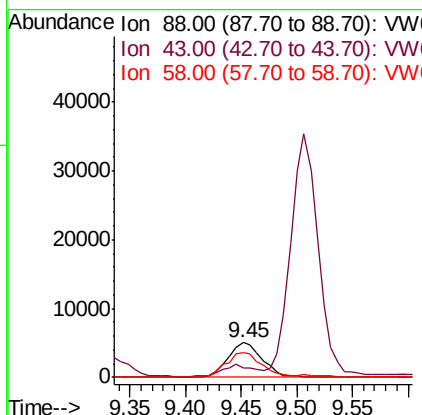
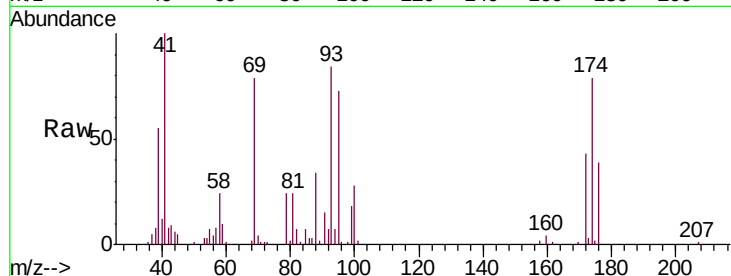
#49
1,4-Dioxane
Concen: 498.02 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBSD01

Tot Ion	88	Resp	10893
Ion Ratio	Lower	Upper	
88	100		
43	32.1	27.3	40.9
58	74.4	61.1	91.7

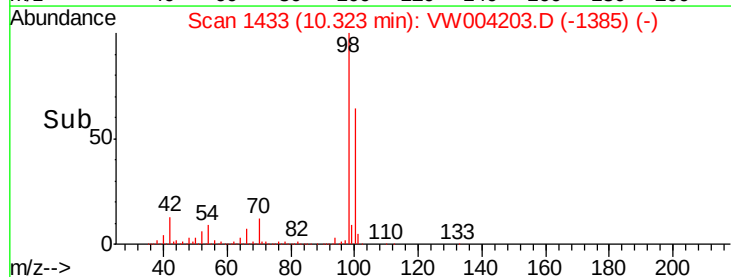
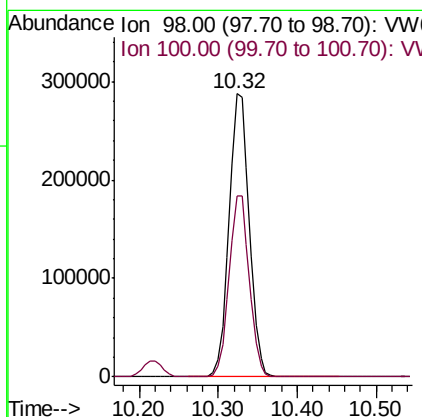
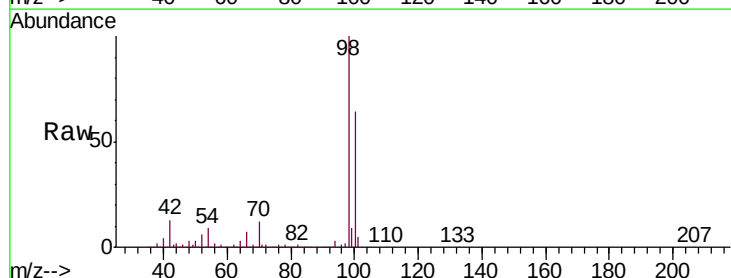
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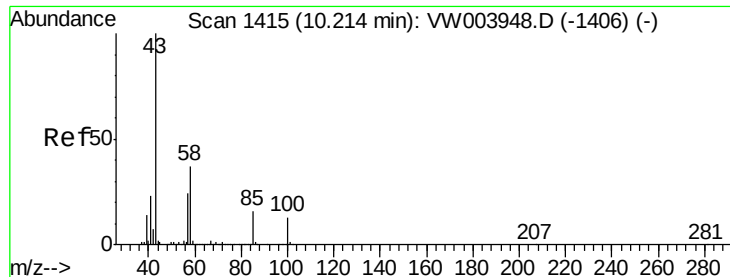
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#50
Toluene-d8
Concen: 54.52 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	98	Resp	510874
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.2	76.8





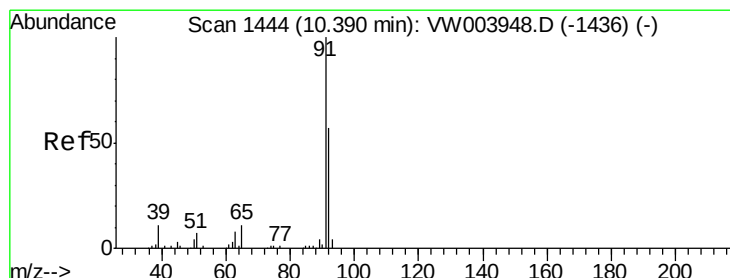
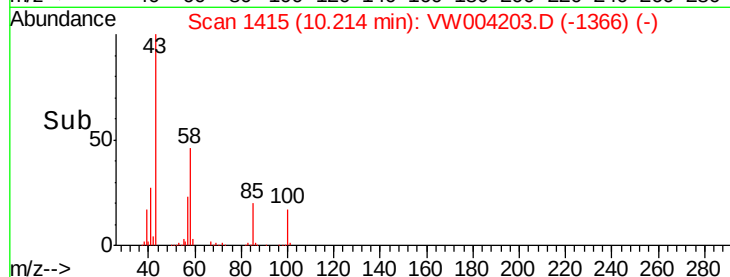
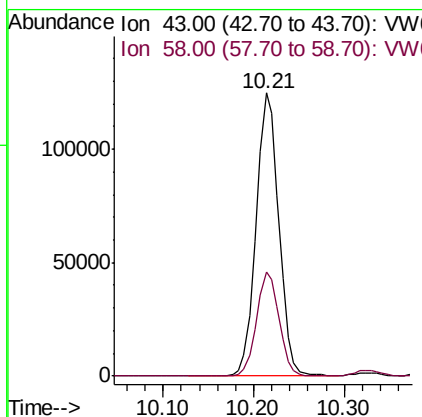
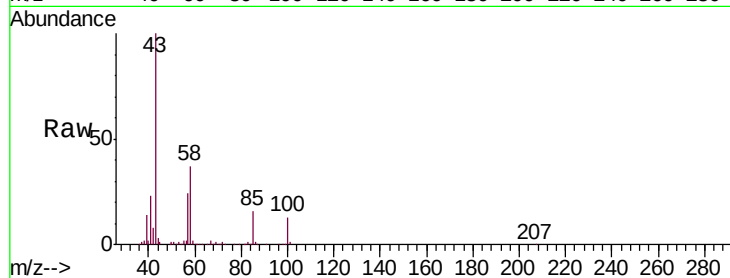
#51
 4-Methyl-2-Pentanone
 Concen: 115.78 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampled :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.9	44.9

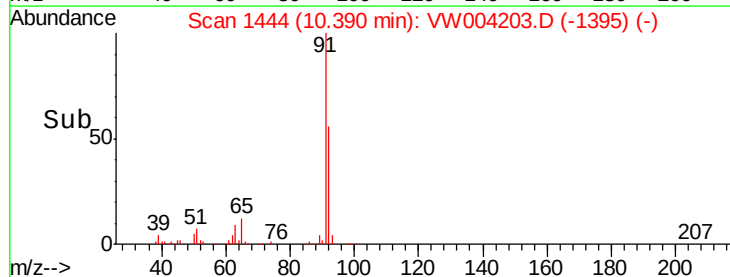
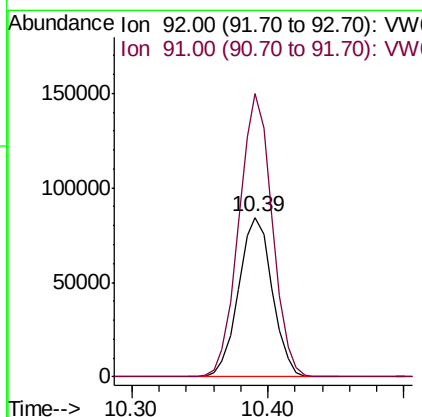
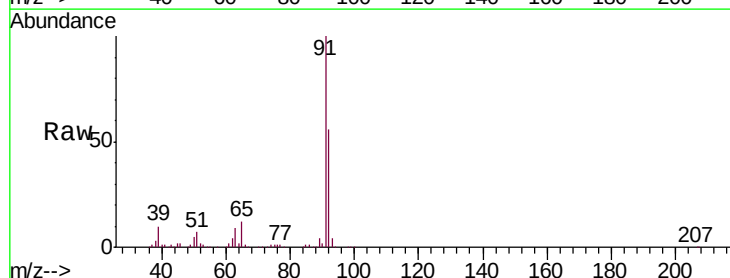
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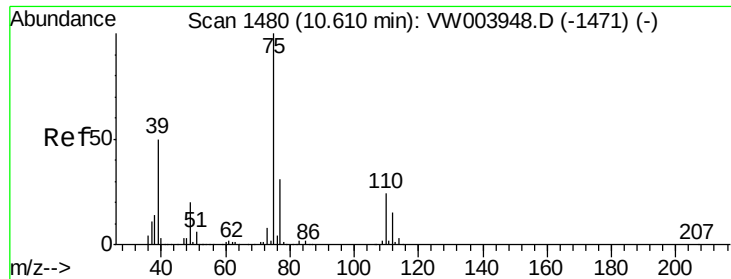
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#52
 Toluene
 Concen: 21.95 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.8	139.6	209.4





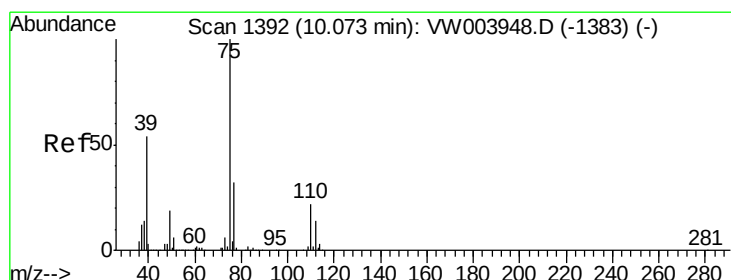
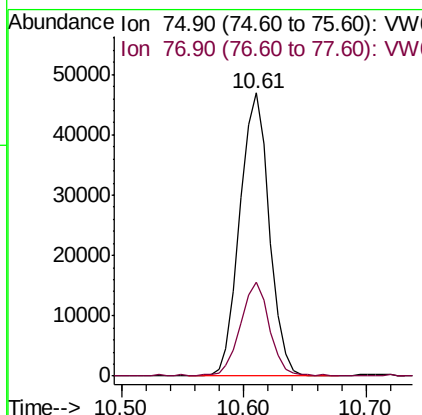
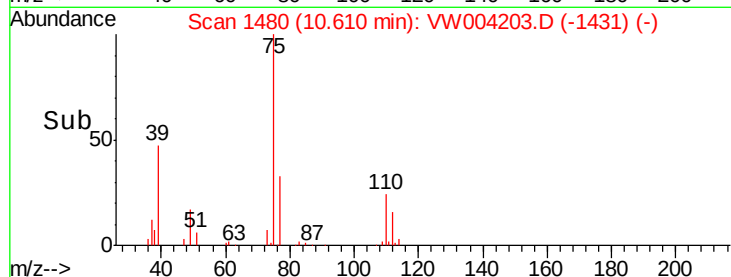
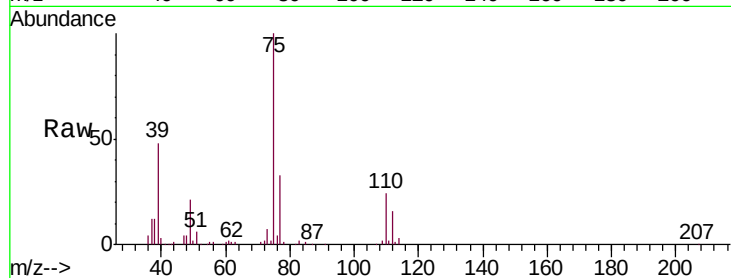
#53
 t-1,3-Dichloropropene
 Concen: 21.35 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion: 75 Resp: 78320
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.2 37.8

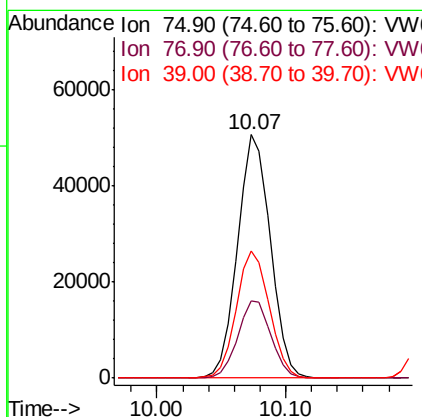
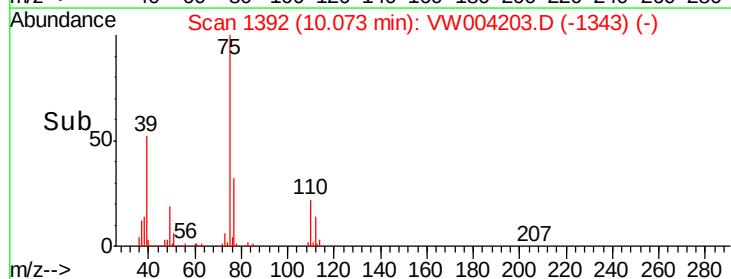
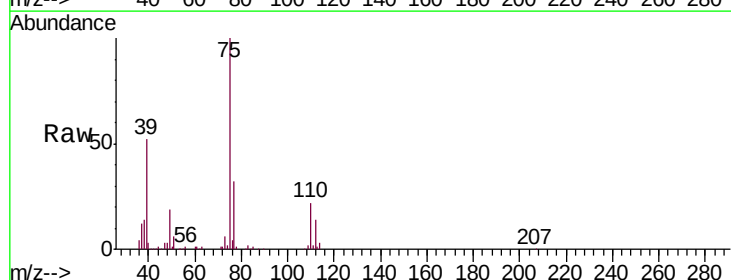
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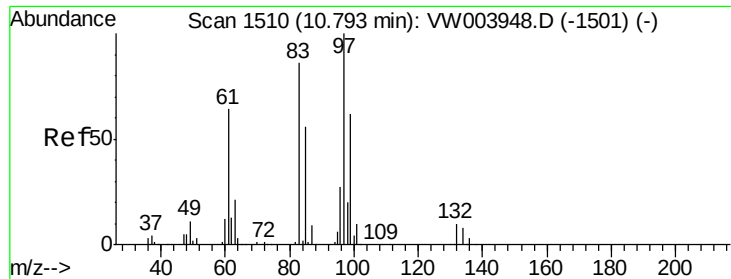
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#54
 cis-1,3-Dichloropropene
 Concen: 21.24 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion: 75 Resp: 89121
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 52.3 43.0 64.6





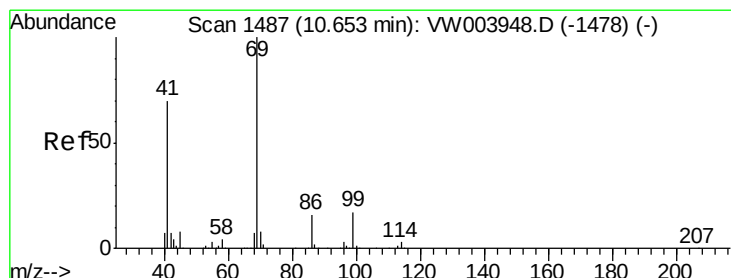
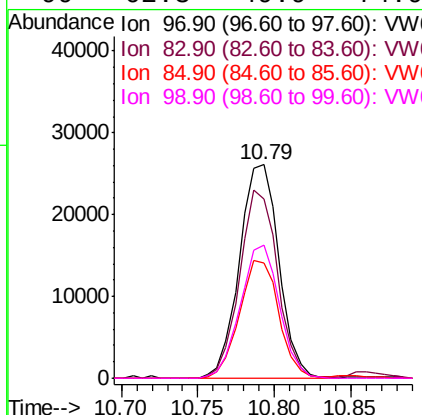
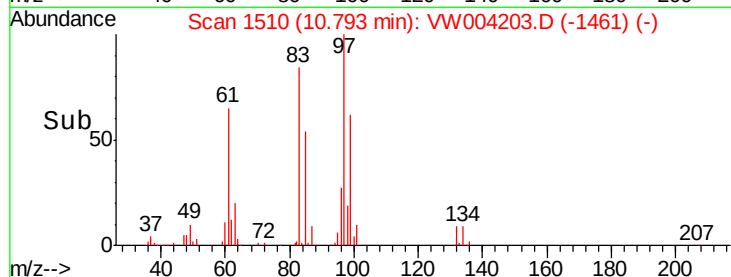
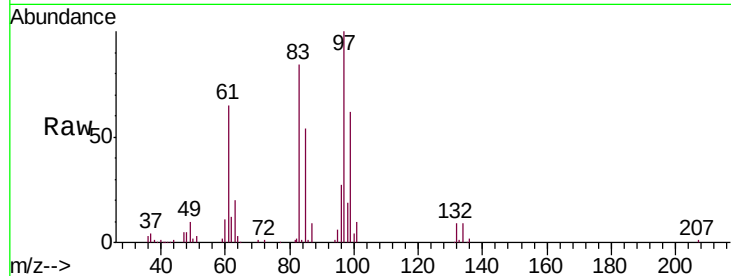
#55
 1,1,2-Trichloroethane
 Concen: 23.47 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBSD01

Tot Ion:	97	Resp:	46977
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.0	103.4
85	54.0	45.0	67.6
99	62.3	49.9	74.9

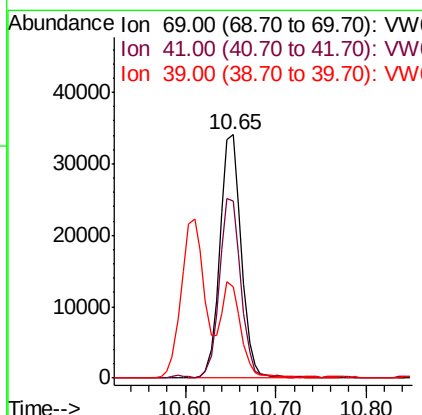
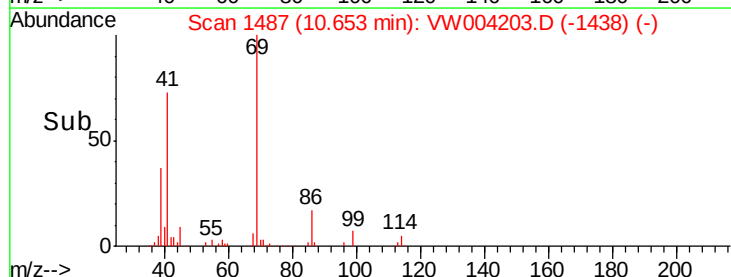
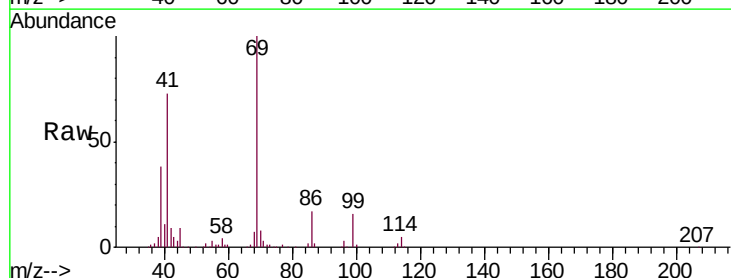
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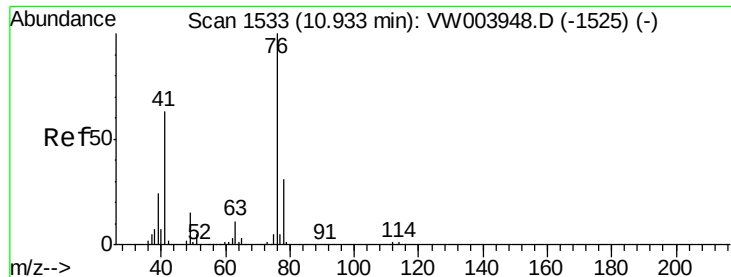
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#56
 Ethyl methacrylate
 Concen: 21.35 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion:	69	Resp:	55988
Ion	Ratio	Lower	Upper
69	100		
41	73.3	56.5	84.7
39	34.5	30.2	45.4





#57

1,3-Dichloropropane

Concen: 23.04 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 76 Resp: 80114

Ion Ratio Lower Upper

76 100

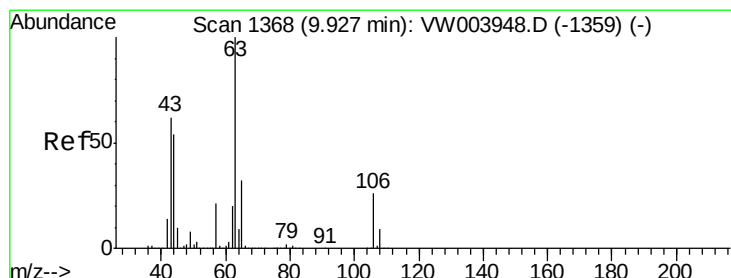
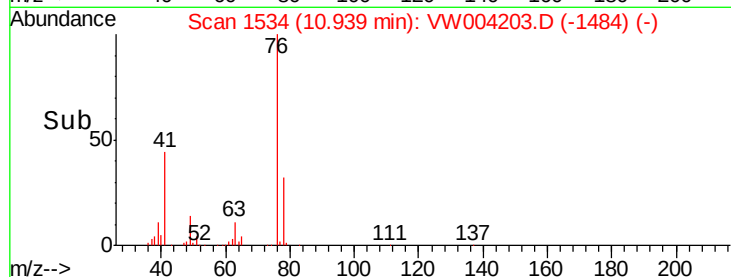
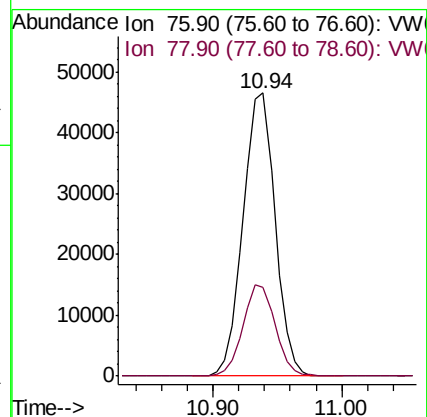
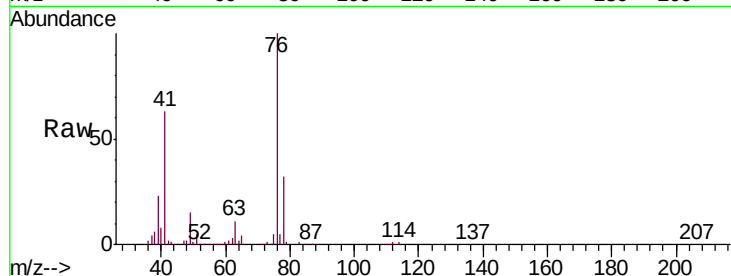
78 32.5 25.2 37.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 111.05 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004203.D

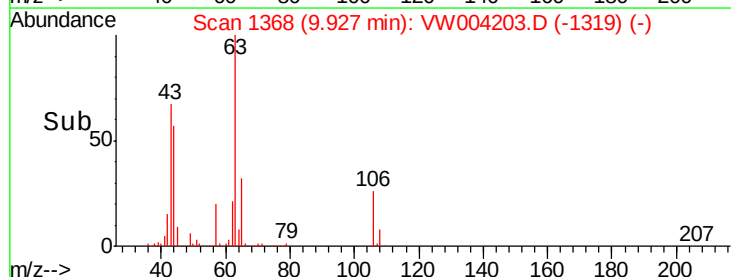
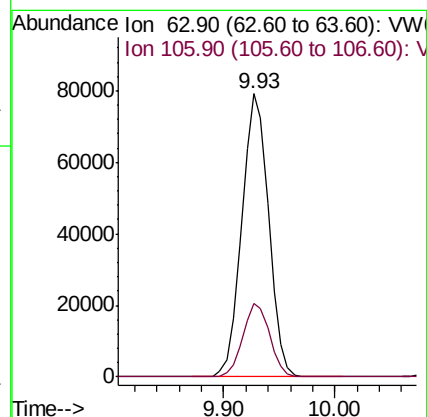
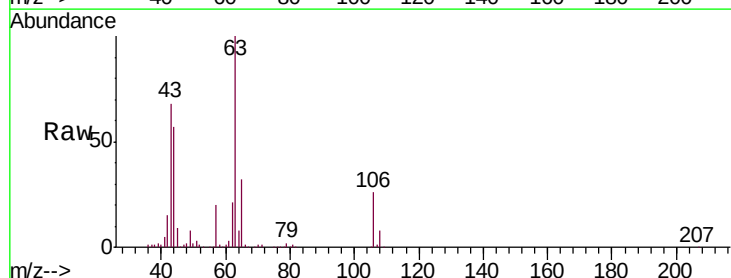
Acq: 25 Jul 2018 20:19

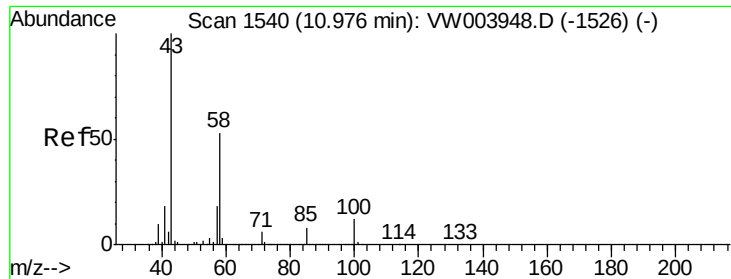
Tgt Ion: 63 Resp: 131841

Ion Ratio Lower Upper

63 100

106 25.9 21.2 31.8





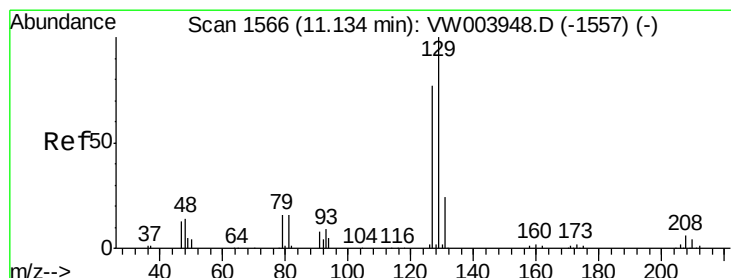
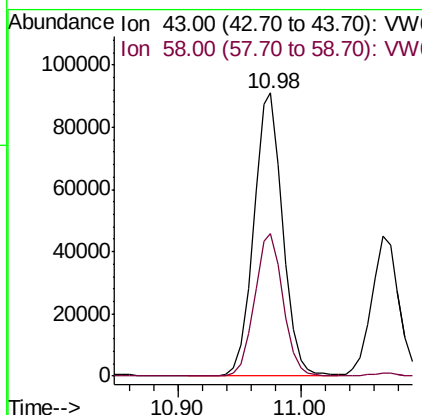
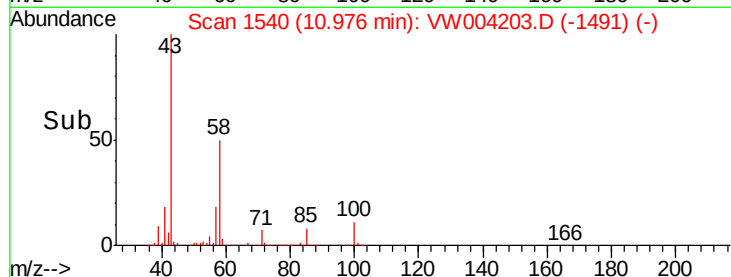
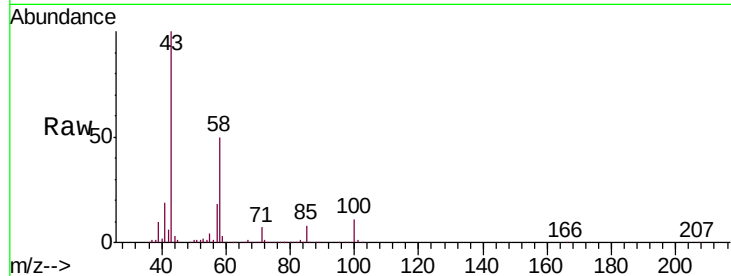
#59
2-Hexanone
Concen: 113.97 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion: 43 Resp: 149510
Ion Ratio Lower Upper
43 100
58 49.8 26.0 78.0

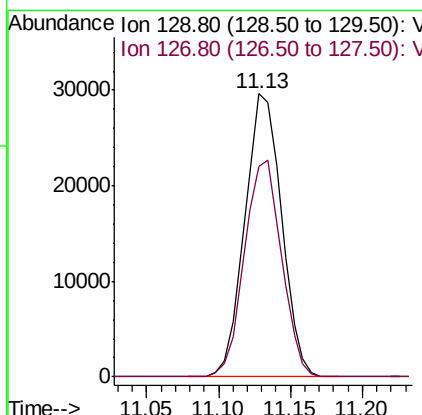
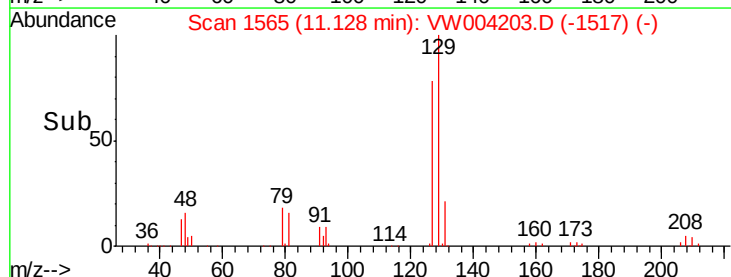
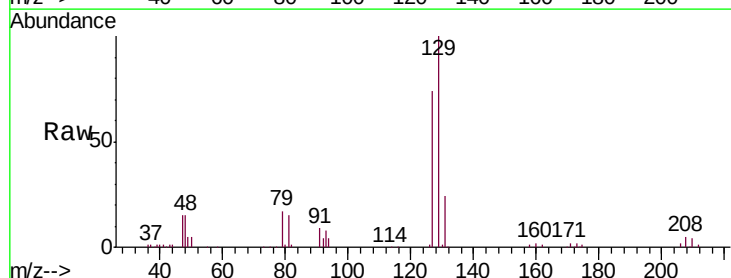
Manual Integrations
APPROVED

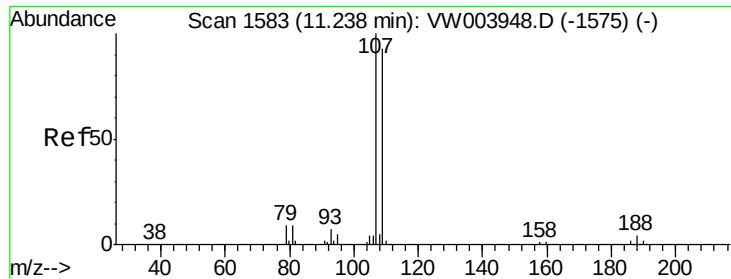
apatel
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#60
Dibromochloromethane
Concen: 22.48 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion: 129 Resp: 52395
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 23.05 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBSD01

Tot Ion: 107 Resp: 43893

Ion Ratio Lower Upper

107 100

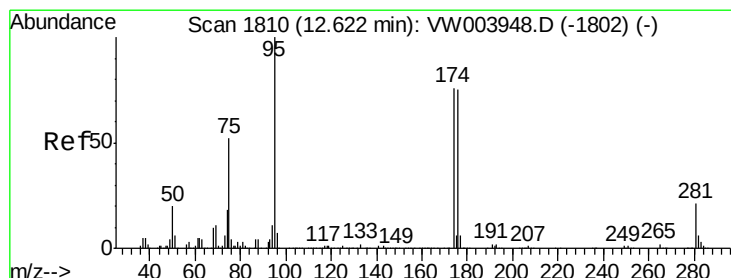
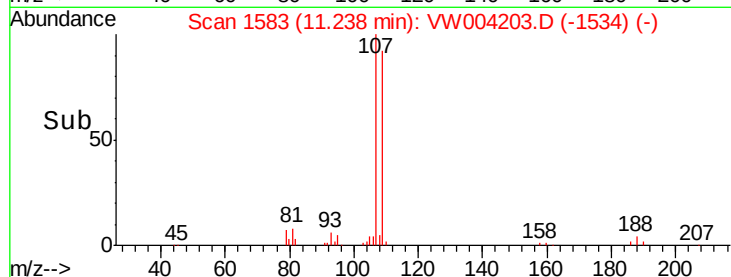
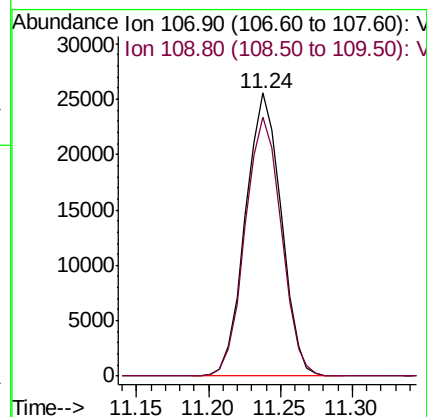
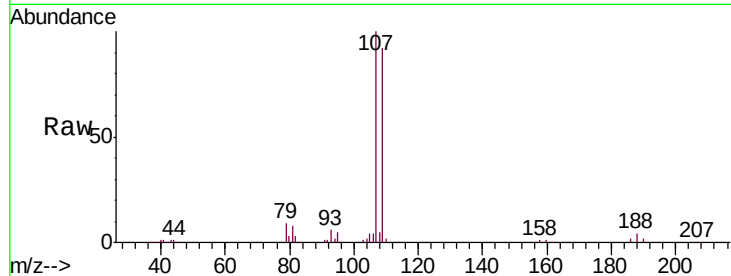
109 92.8 74.3 111.5

Manual Integrations

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apatel

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#62

4-Bromofluorobenzene

Concen: 54.57 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

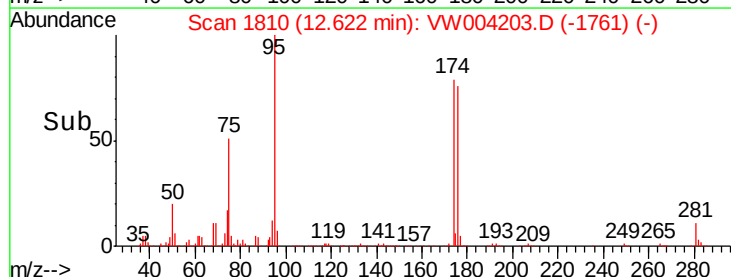
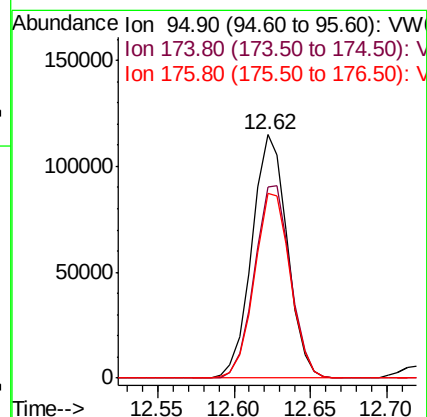
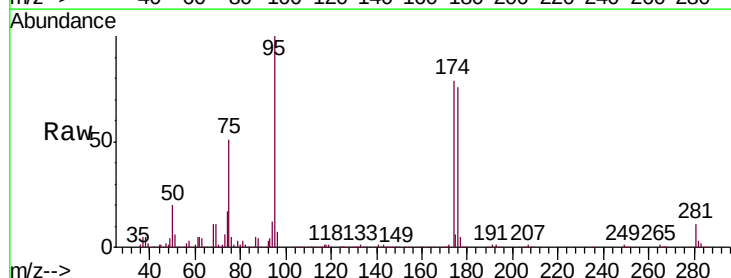
Tgt Ion: 95 Resp: 184391

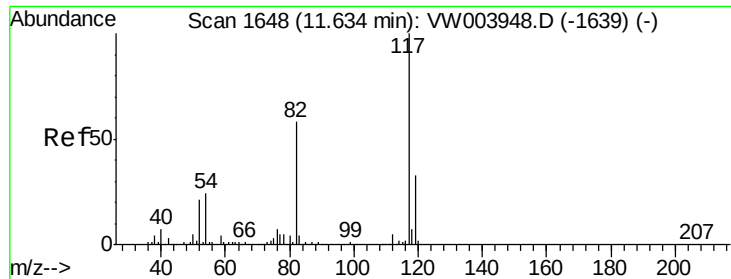
Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.2

176 77.5 0.0 155.8





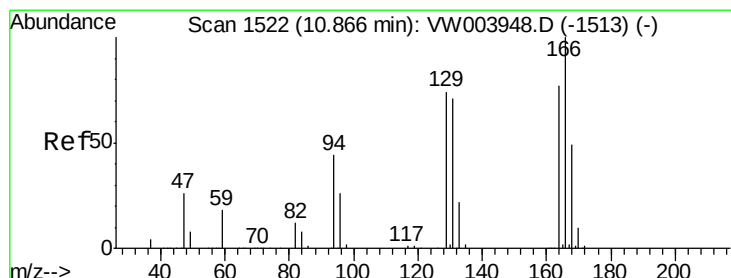
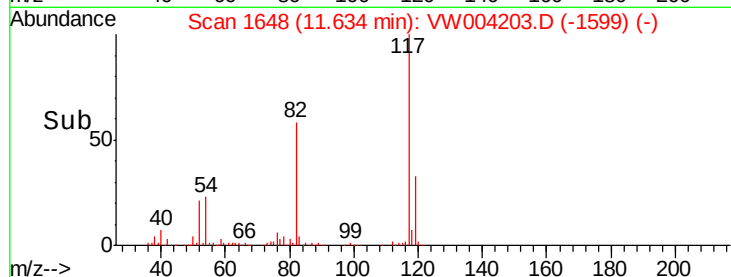
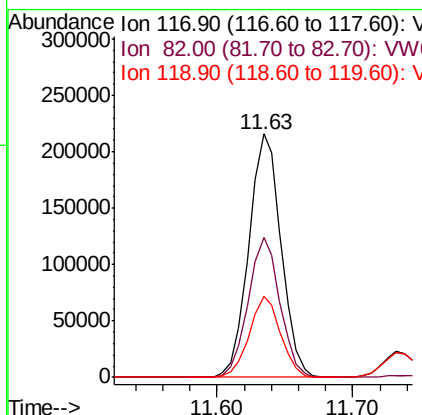
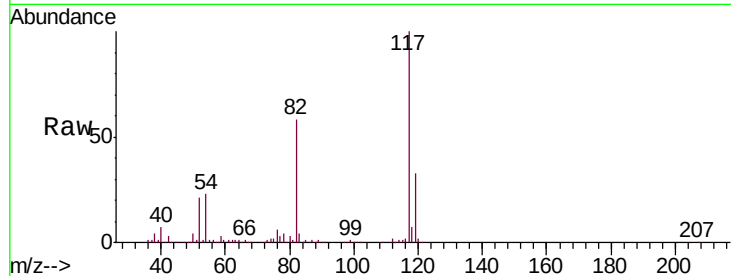
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.5	69.7
119	33.2	26.2	39.2

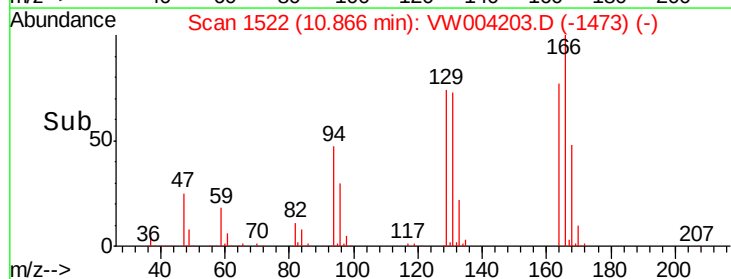
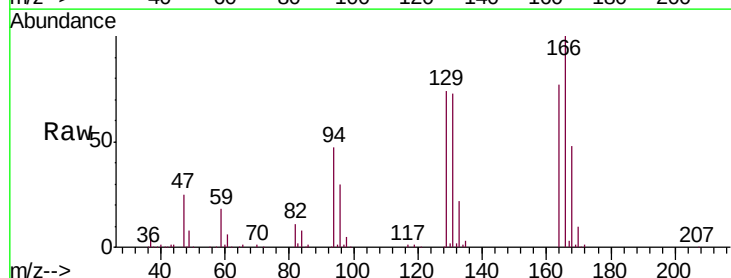
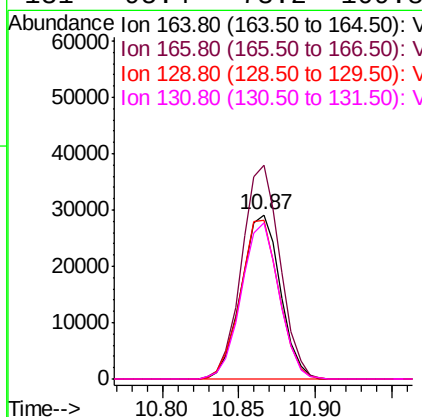
Manual Integrations
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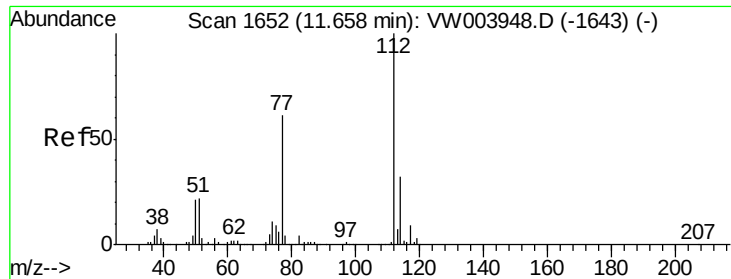
apatel
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#64
Tetrachloroethene
Concen: 20.93 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.5	155.3
129	96.8	76.8	115.2
131	95.4	73.2	109.8





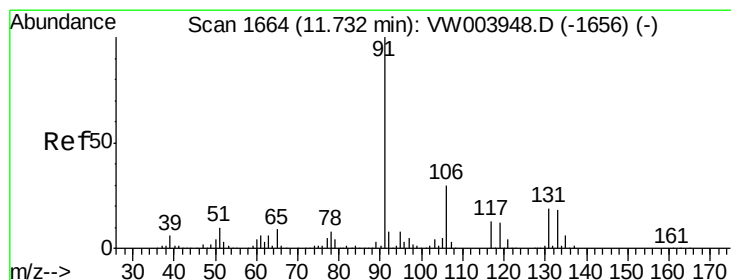
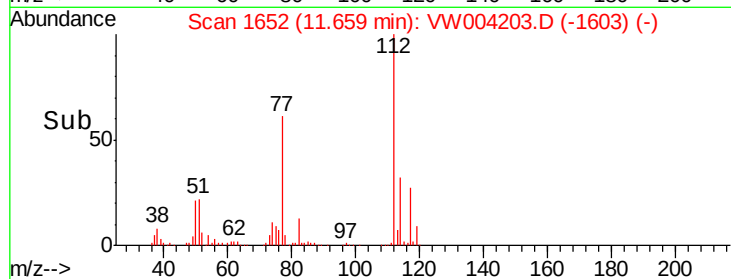
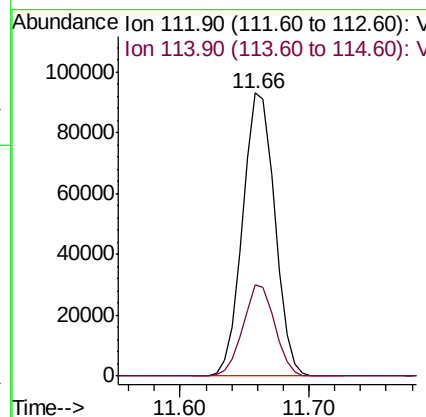
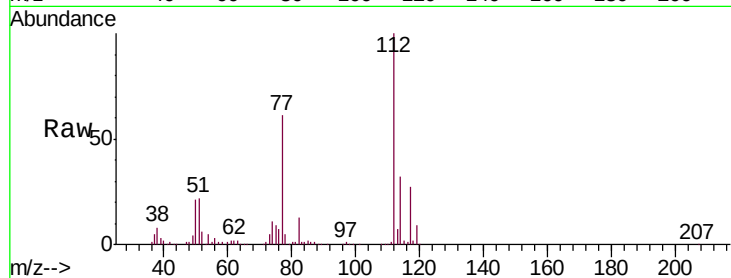
#65
Chlorobenzene
Concen: 21.01 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.2	37.8

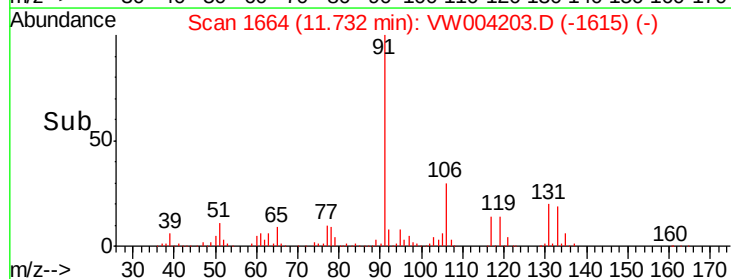
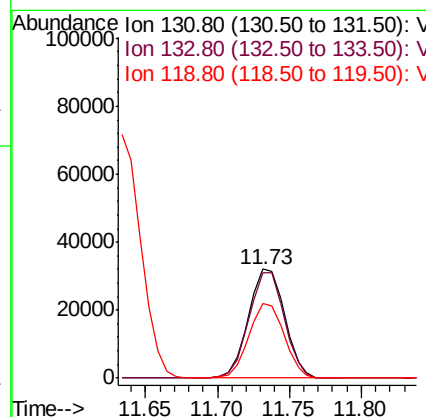
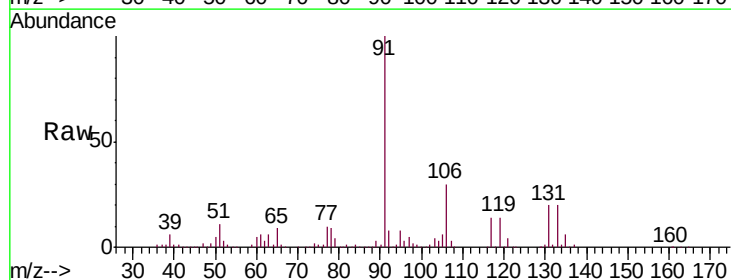
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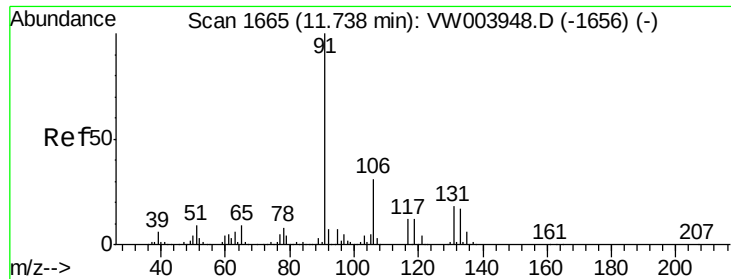
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.09 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.8
119	66.8	32.5	97.5





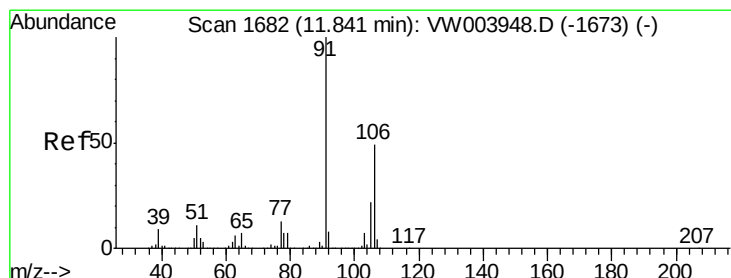
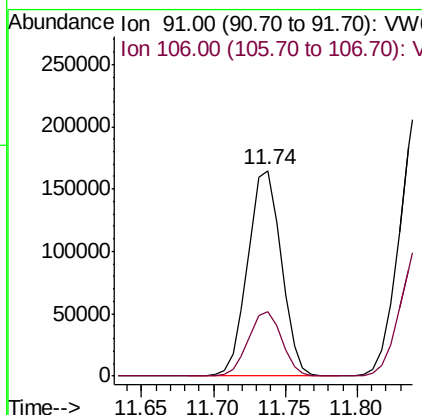
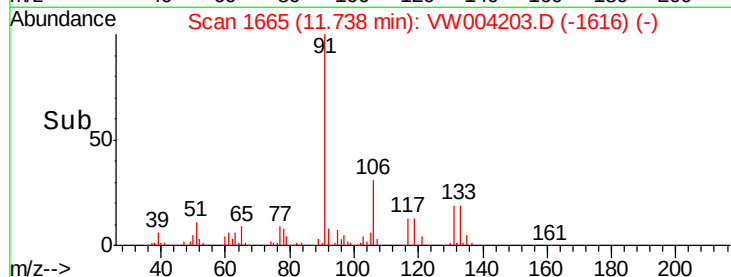
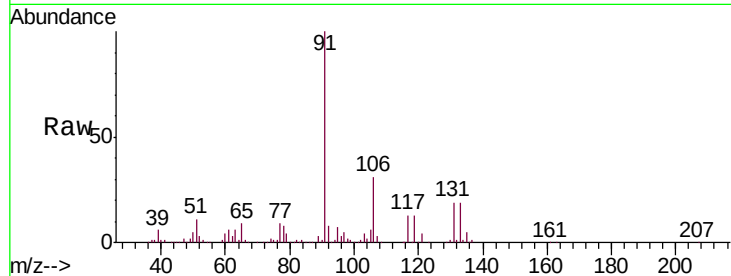
#67
Ethyl Benzene
Concen: 19.89 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion: 91 Resp: 266620
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

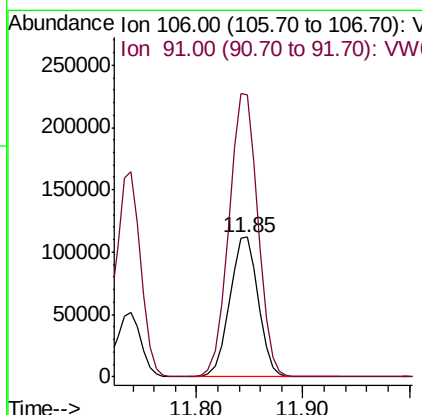
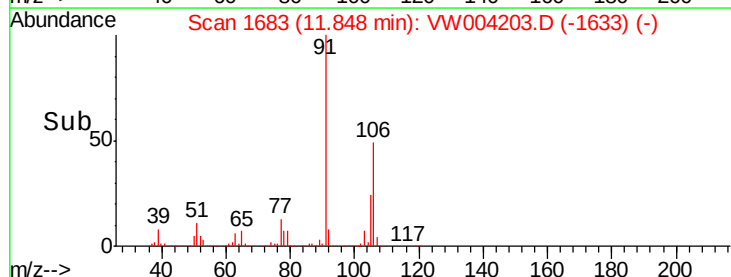
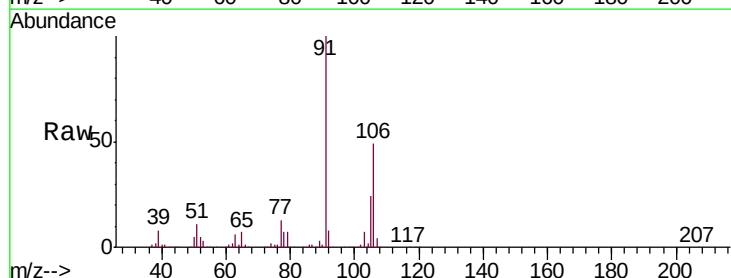
Manual Integrations
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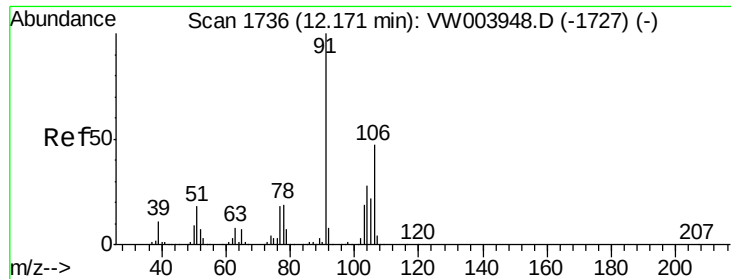
apatel
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#68
m/p-Xylenes
Concen: 41.21 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion: 106 Resp: 211115
Ion Ratio Lower Upper
106 100
91 204.5 164.2 246.2





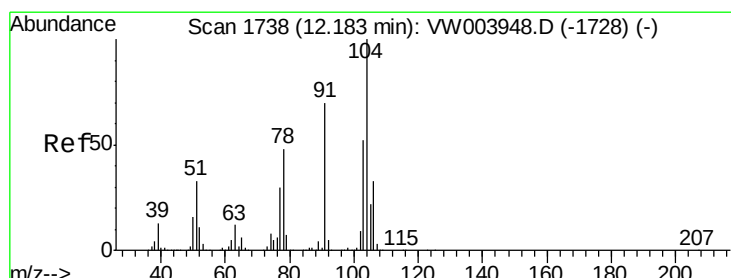
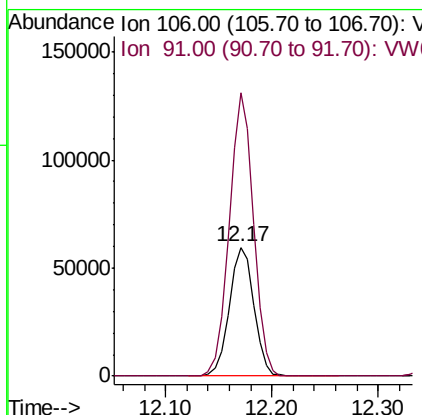
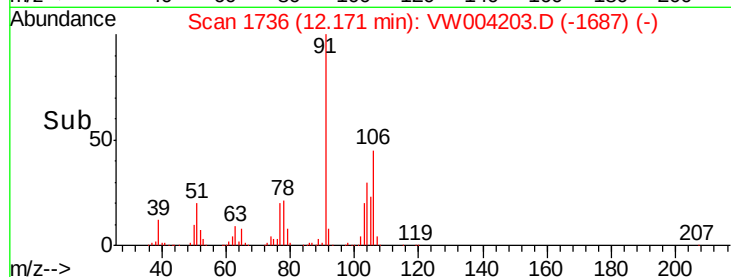
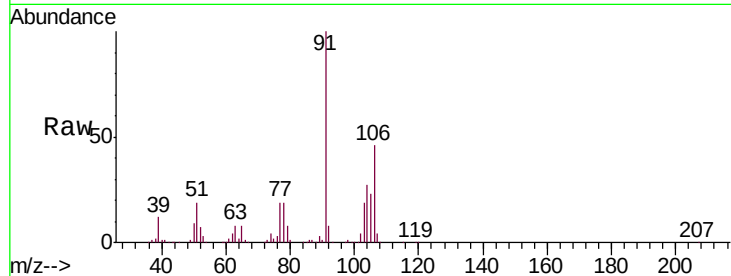
#69
o-Xylene
Concen: 20.29 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.0	107.5	322.6	

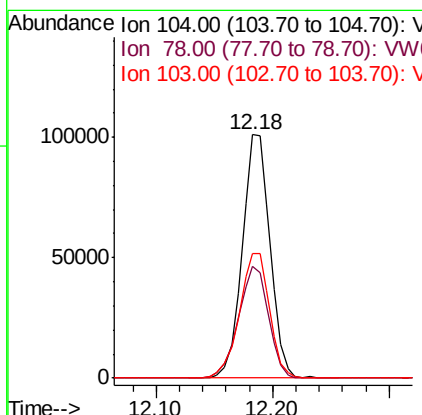
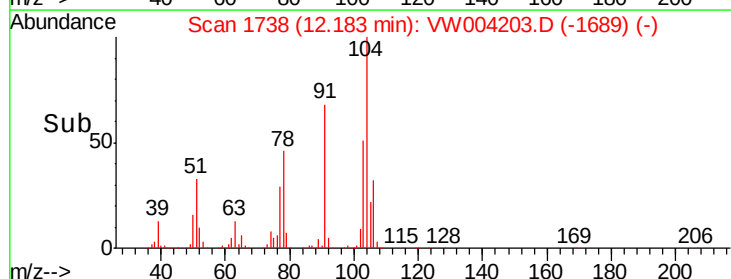
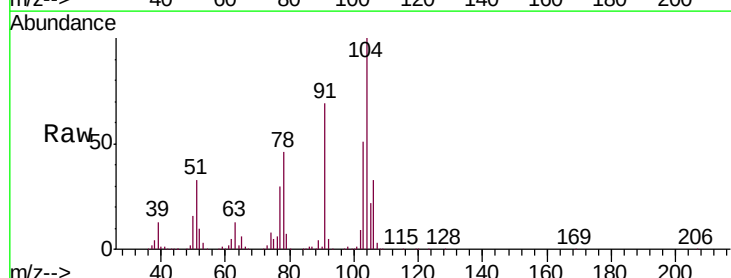
Manual Integrations
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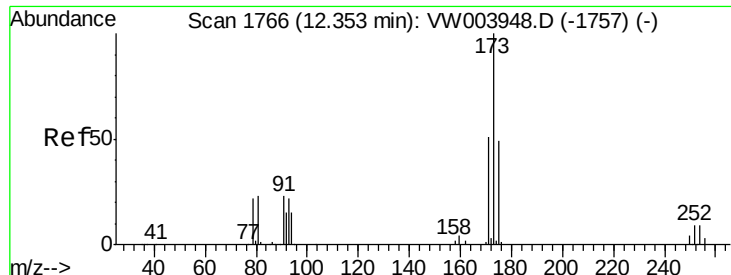
apatel
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#70
Styrene
Concen: 21.17 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.9	41.0	61.4	
103	55.7	44.6	67.0	





#71

Bromoform

Concen: 20.85 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

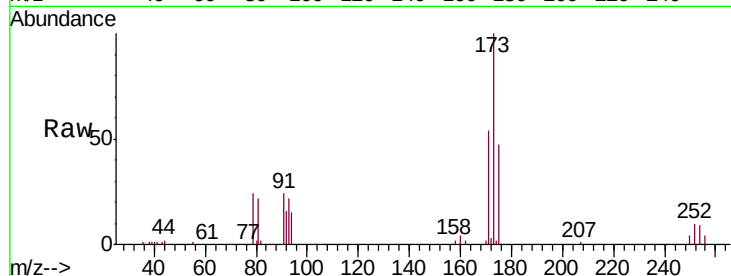
ClientSampleId :

VW0726SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.2
254	0.0	0.1	0.1#

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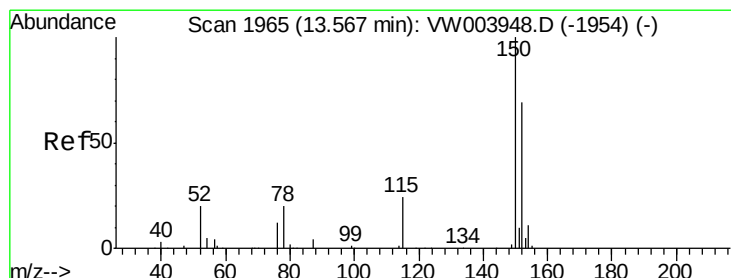
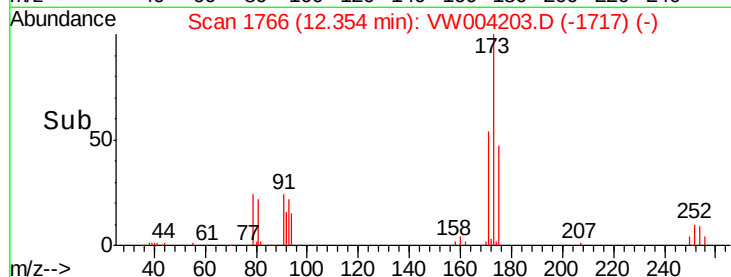
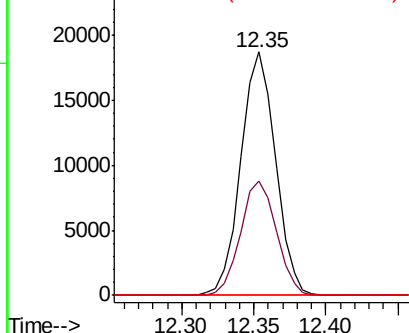


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

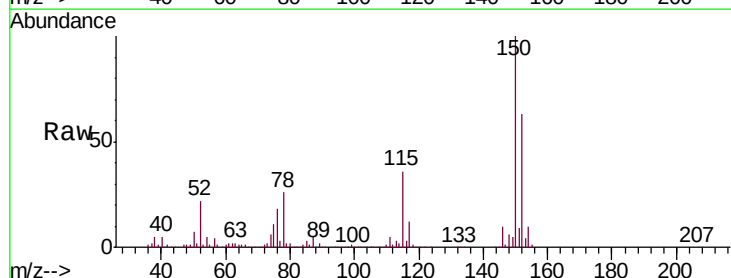
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.2	87.6
150	164.6	0.0	345.2

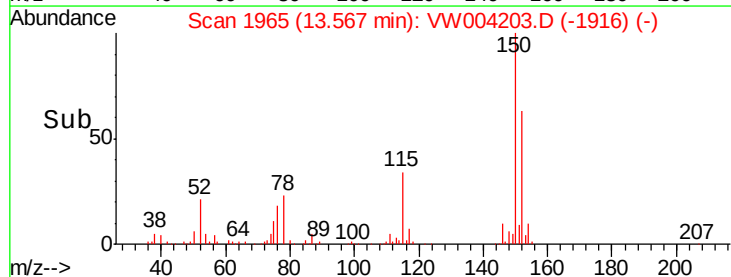
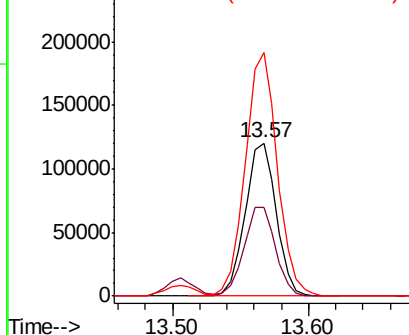


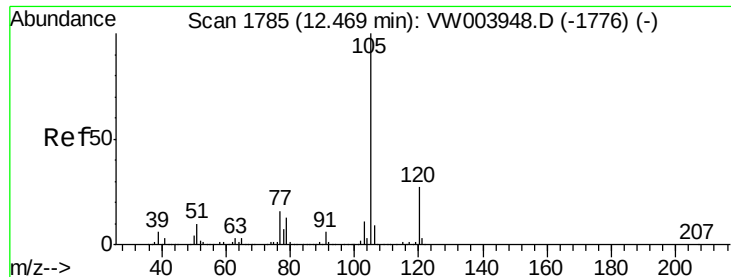
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





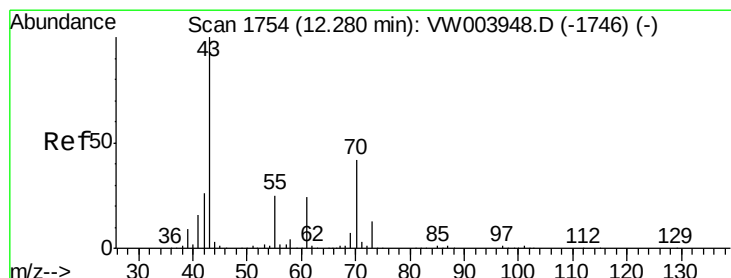
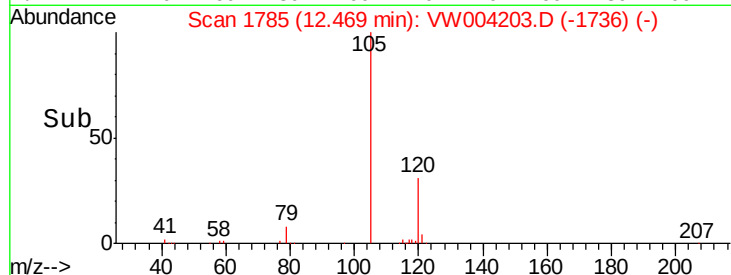
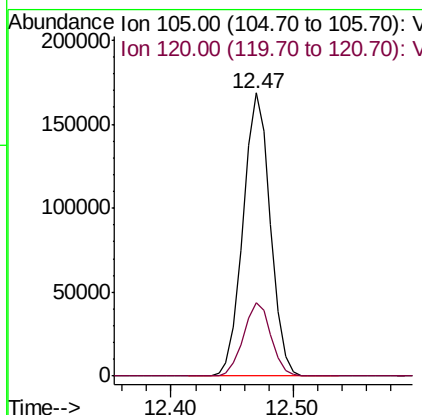
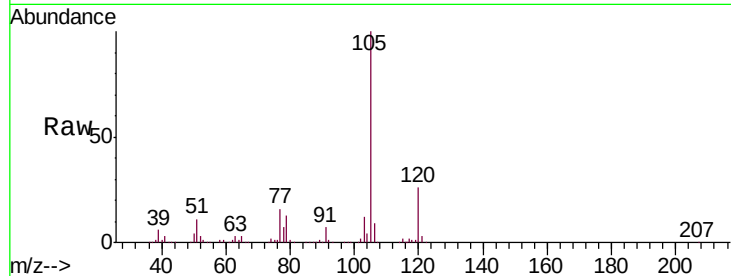
#73
Isopropylbenzene
Concen: 19.18 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

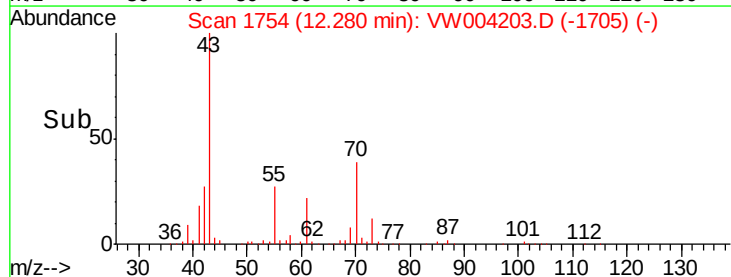
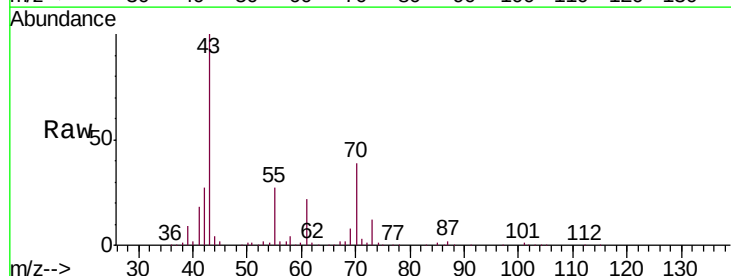
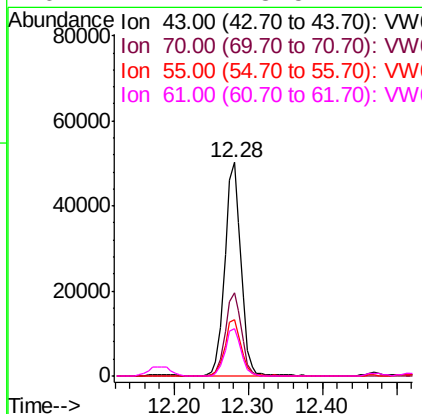
Manual Integrations
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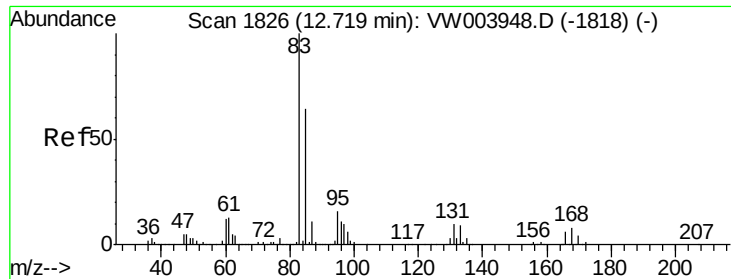
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#74
N-ethyl acetate
Concen: 21.34 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.2	31.6	47.4
55	27.2	20.0	30.0
61	22.2	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.69 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

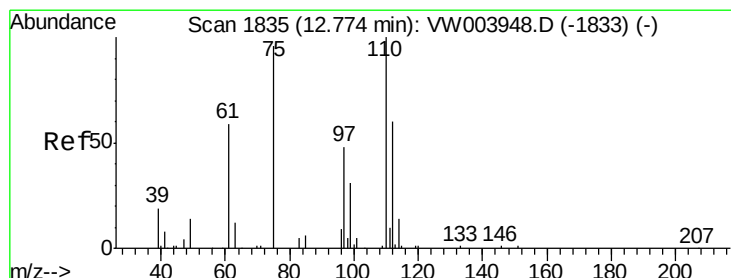
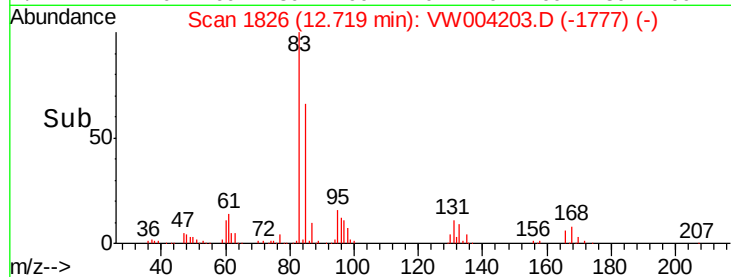
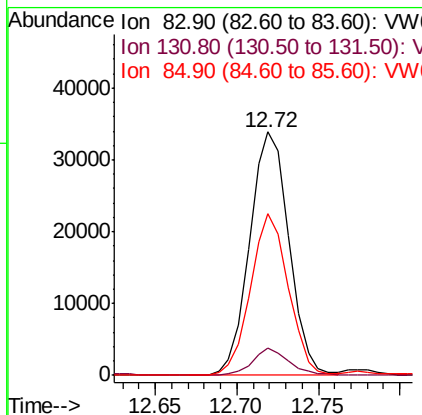
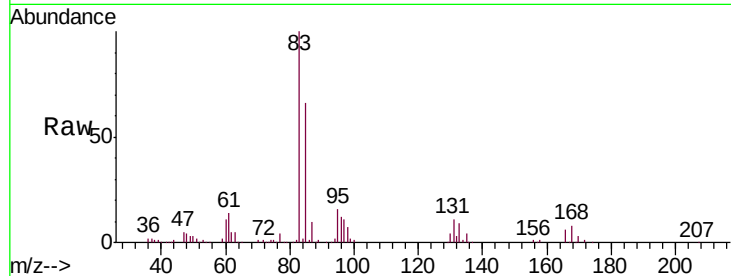
ClientSampleId :

VW0726SBSD01

Tot Ion:	83	Resp:	56841
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	64.0	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.81 ug/l m

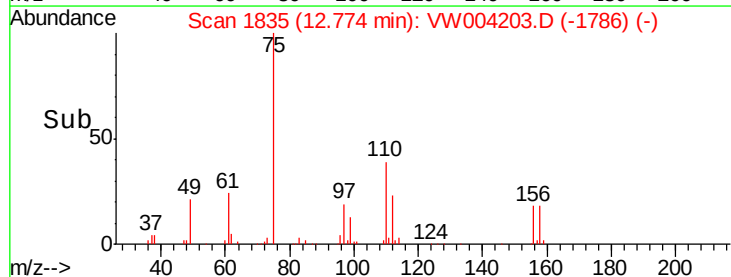
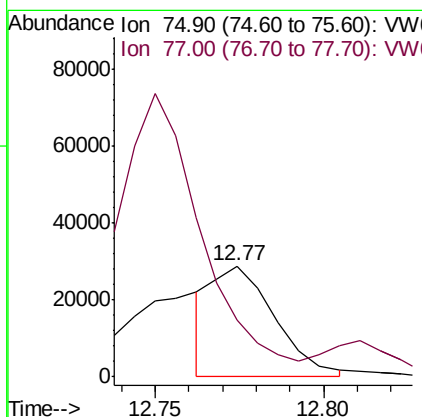
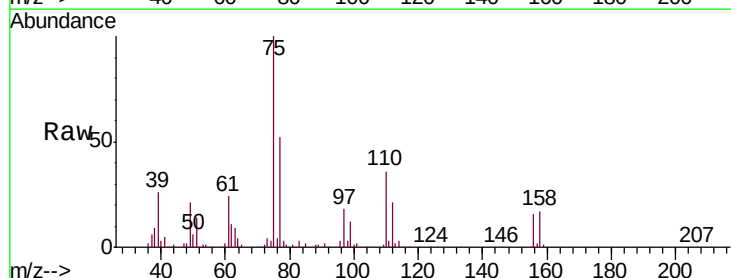
RT: 12.77 min Scan# 1835

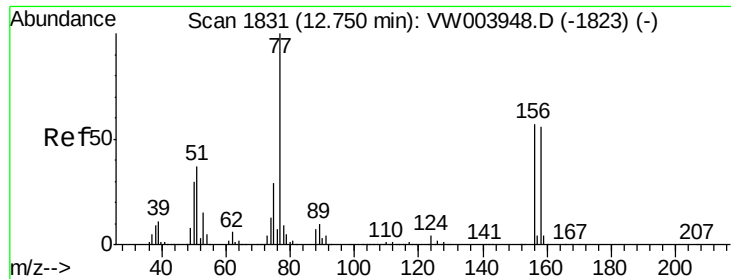
Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Tgt Ion:	75	Resp:	37713
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





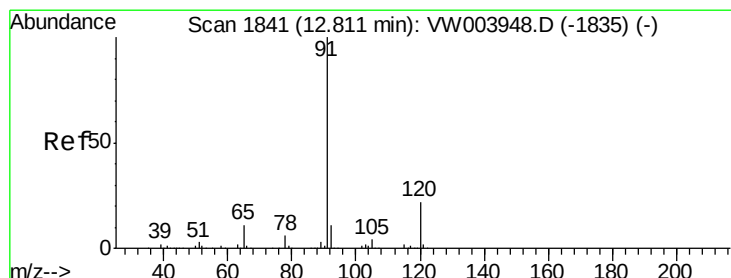
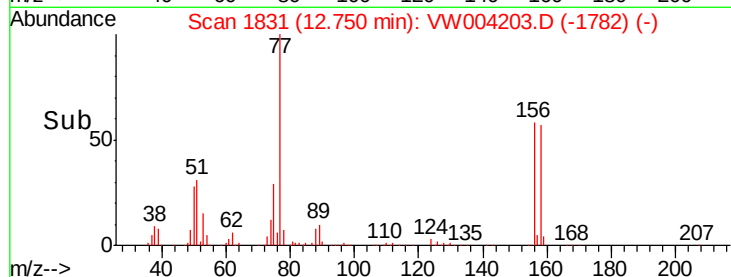
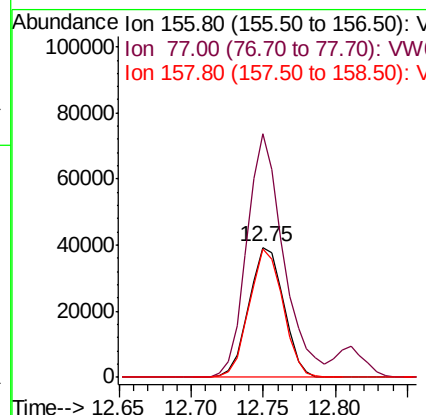
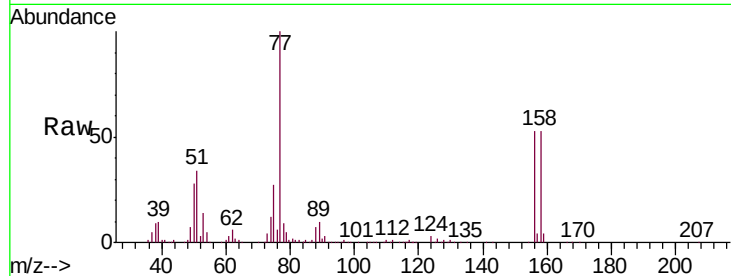
#77
Bromobenzene
Concen: 20.22 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	198.2	96.2	288.6	
158	95.8	48.5	145.5	

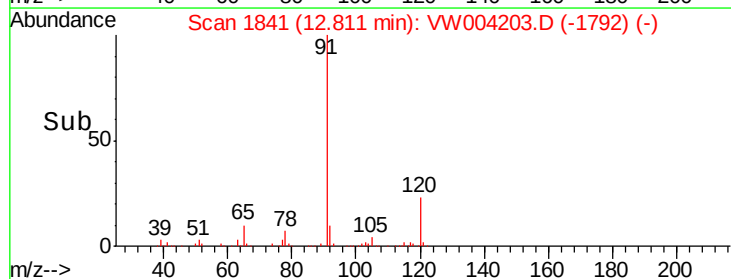
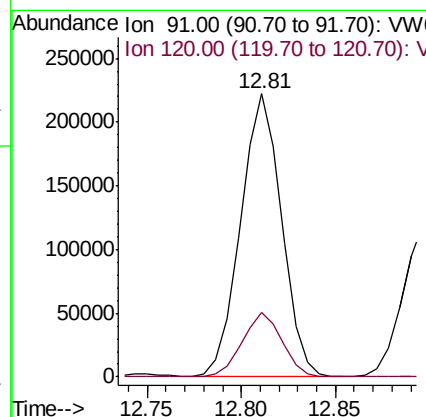
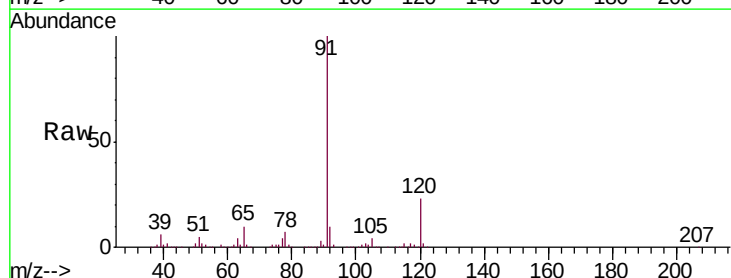
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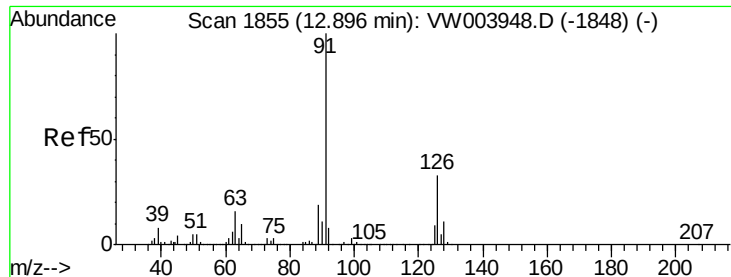
apatel
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#78
n-propylbenzene
Concen: 20.05 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.2	33.6	





#79

2-Chlorotoluene

Concen: 20.48 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBS01

Tot Ion: 91 Resp: 192052

Ion Ratio Lower Upper

91 100

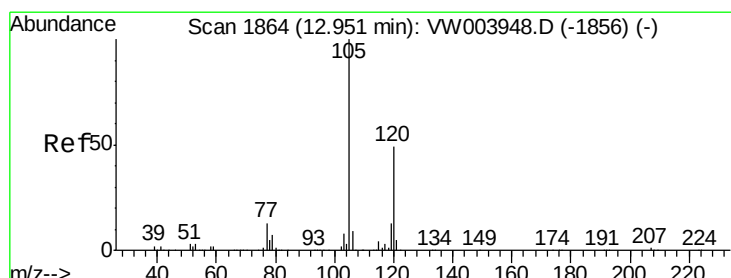
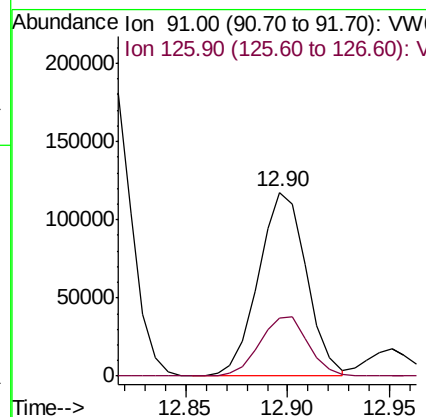
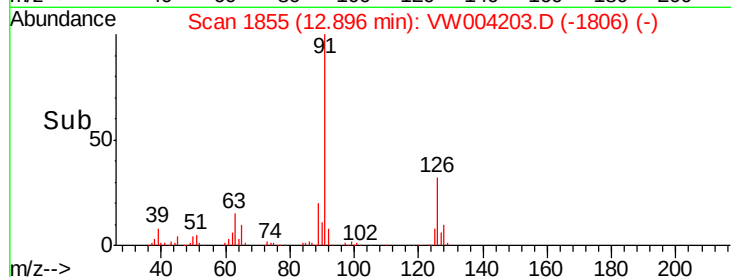
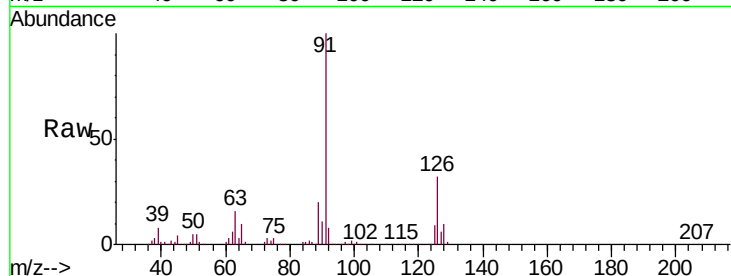
126 32.8 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.16 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004203.D

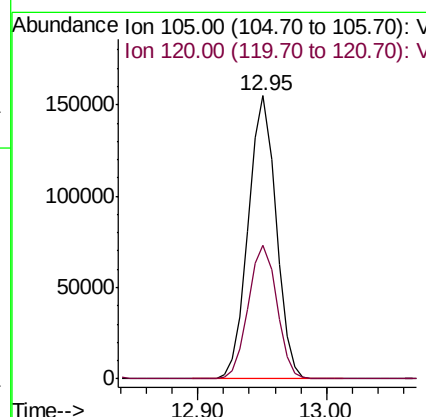
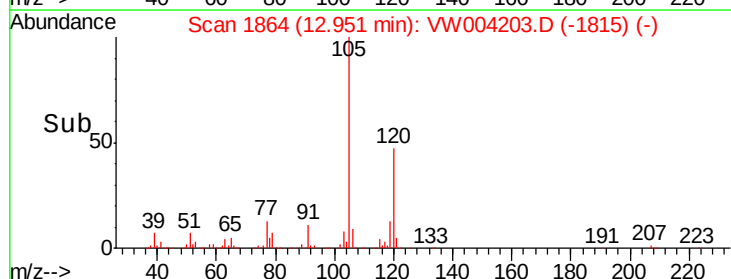
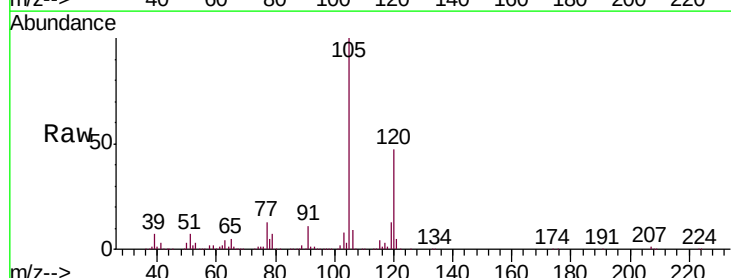
Acq: 25 Jul 2018 20:19

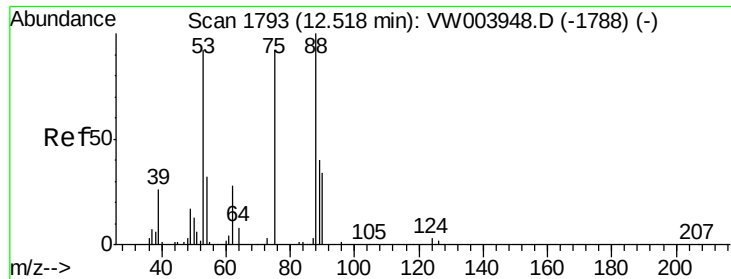
Tgt Ion:105 Resp: 229884

Ion Ratio Lower Upper

105 100

120 48.4 24.4 73.2





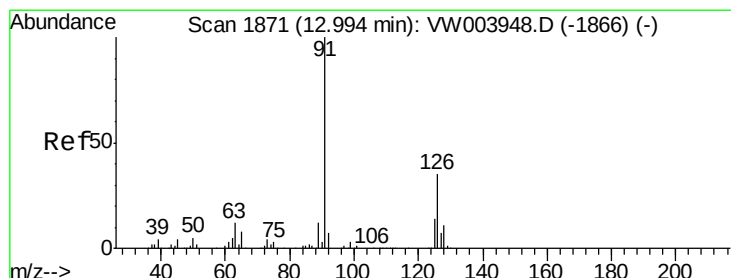
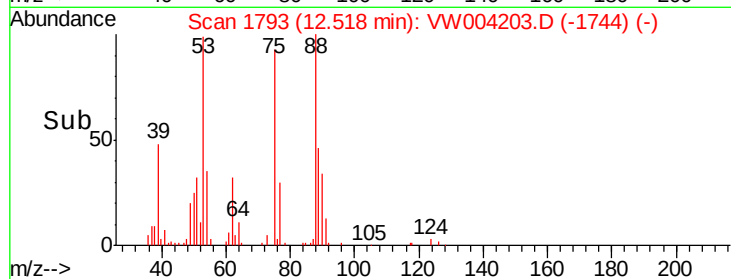
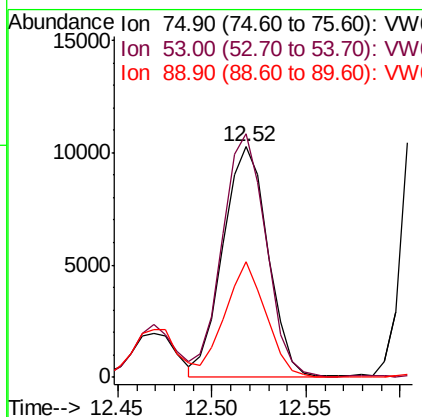
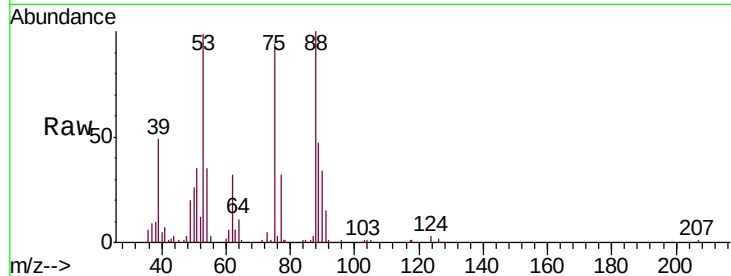
#81
trans-1,4-Dichloro-2-butene
Concen: 19.78 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.6	77.6	116.4
89	44.9	36.6	54.8

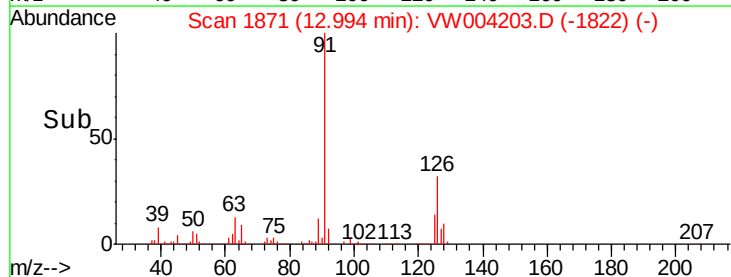
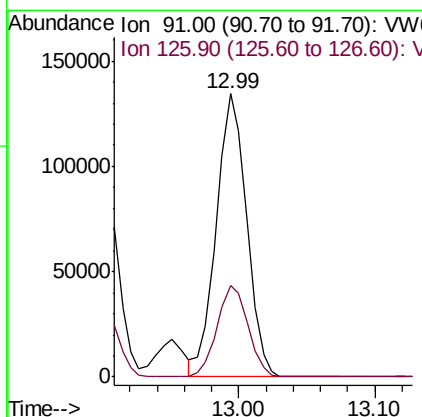
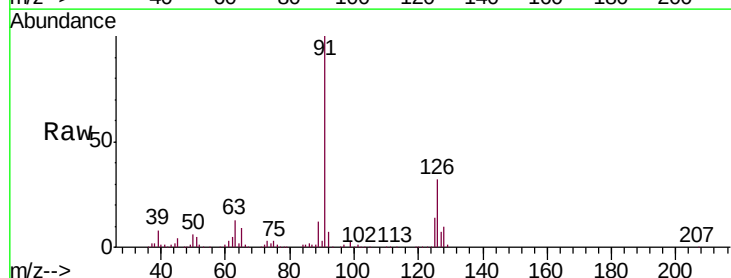
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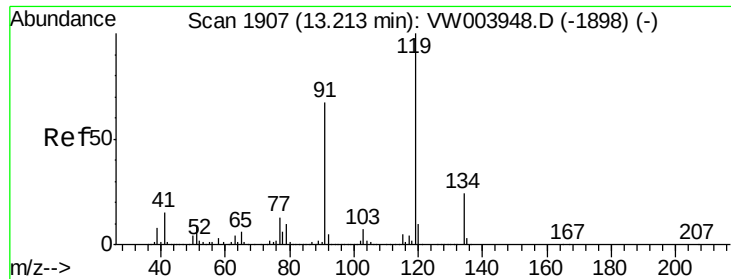
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#82
4-Chlorotoluene
Concen: 20.65 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.7	50.0





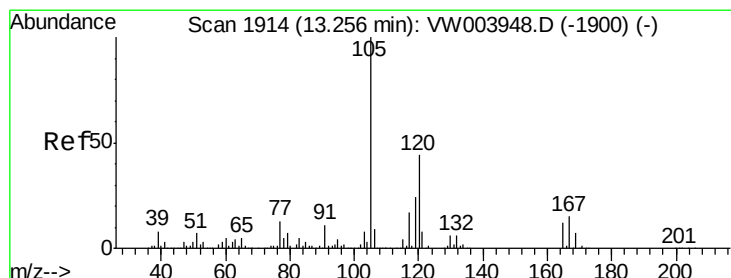
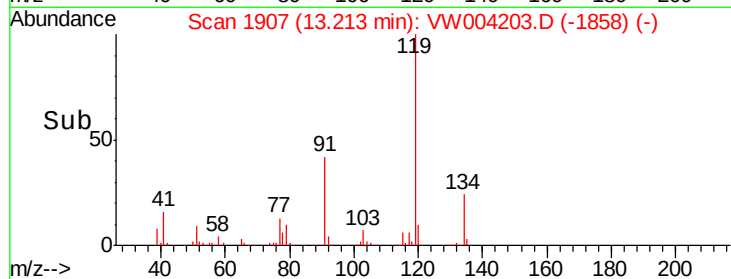
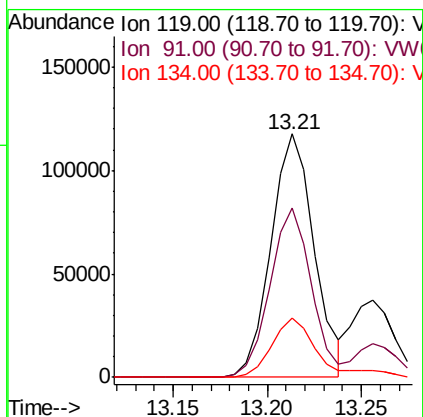
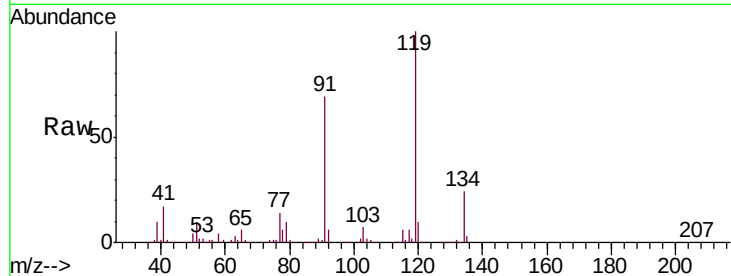
#83
 tert-Butylbenzene
 Concen: 19.52 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.2	99.6
134	26.2	13.0	38.9

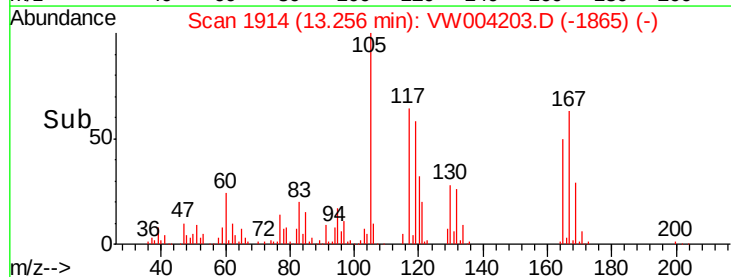
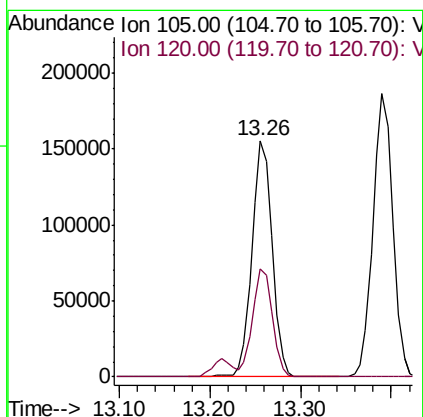
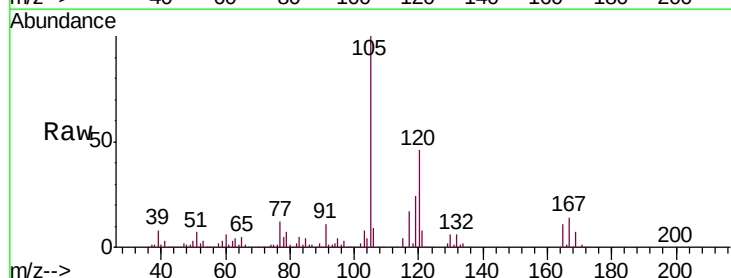
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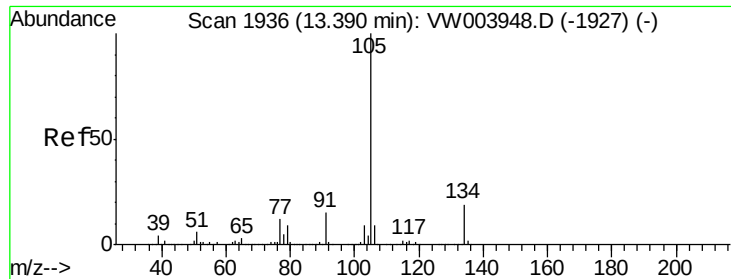
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.52 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.1





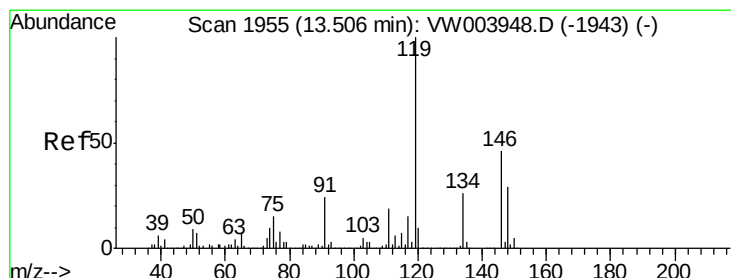
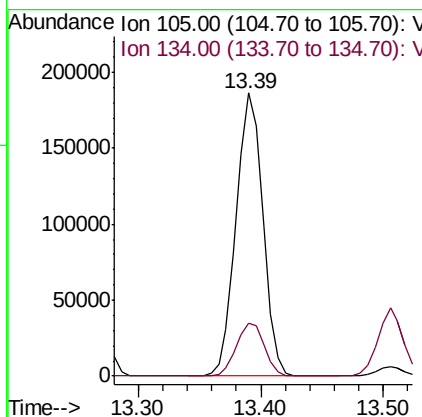
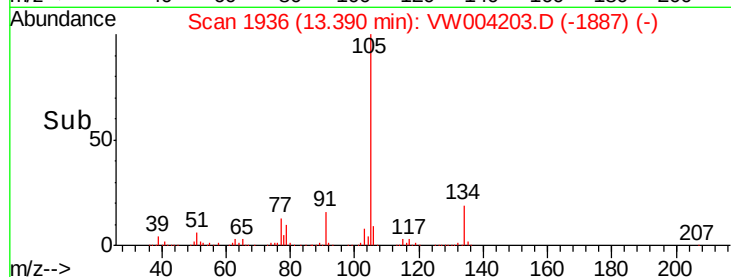
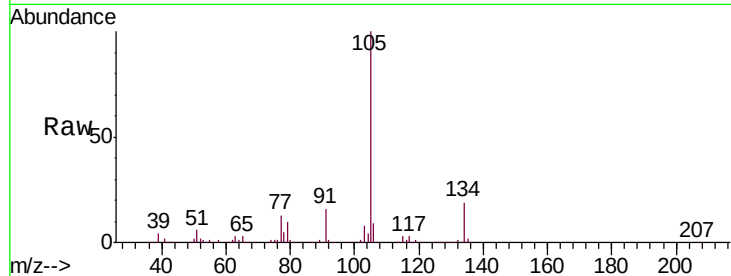
#85
 sec-Butylbenzene
 Concen: 19.88 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

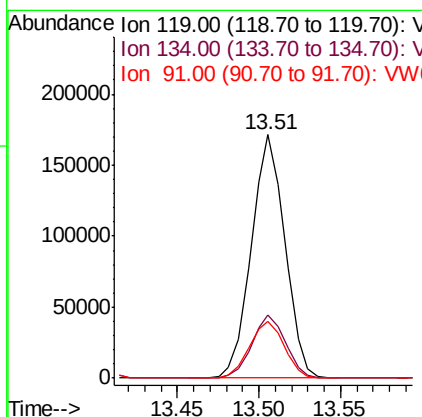
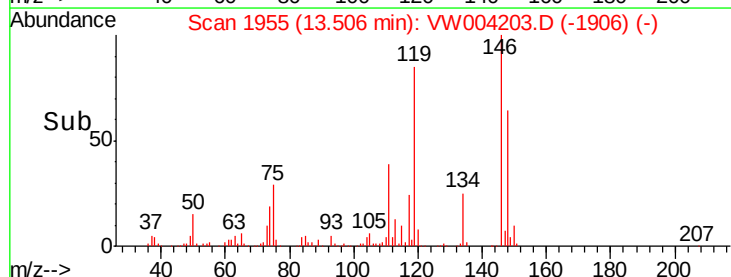
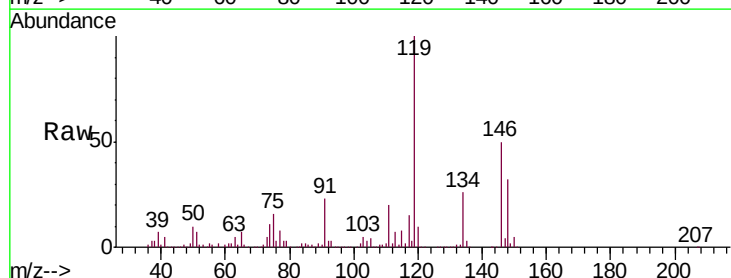
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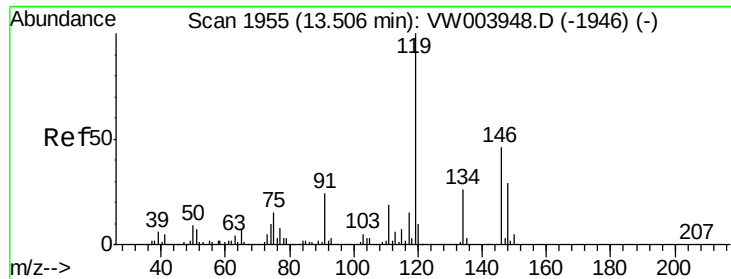
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#86
 p-Isopropyltoluene
 Concen: 19.72 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	38.9
91	24.3	11.8	35.3





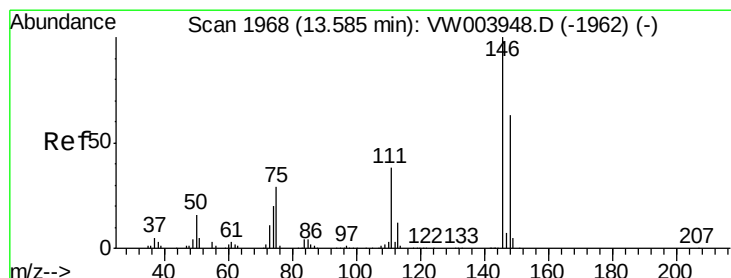
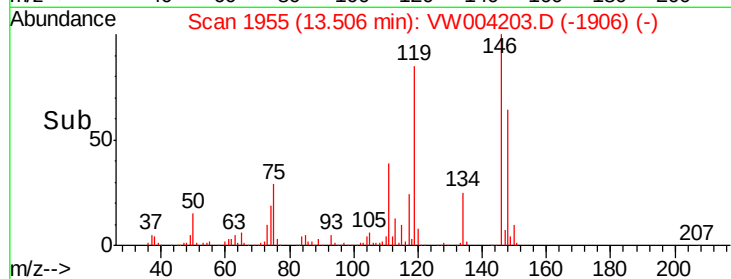
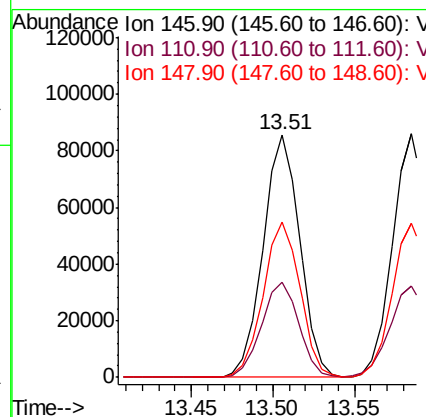
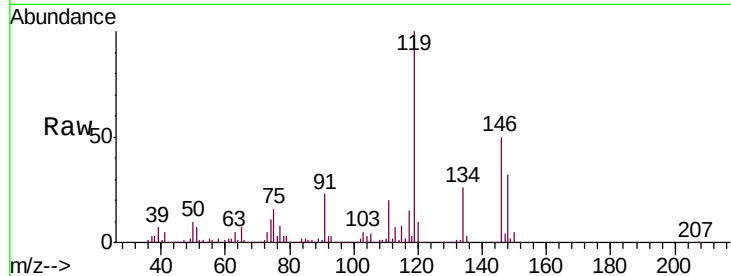
#87
 1,3-Dichlorobenzene
 Concen: 20.74 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.6
148	64.2	31.9	95.5

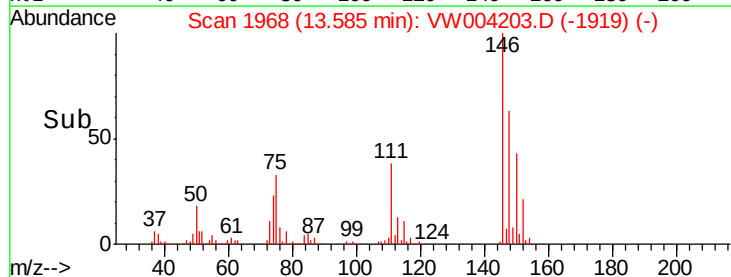
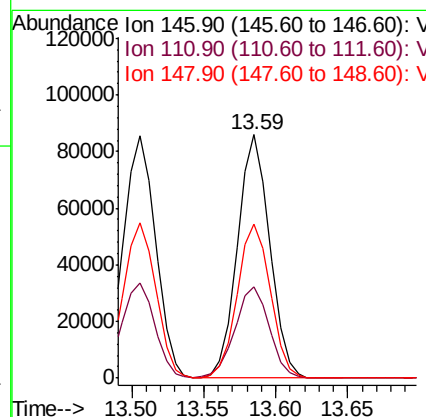
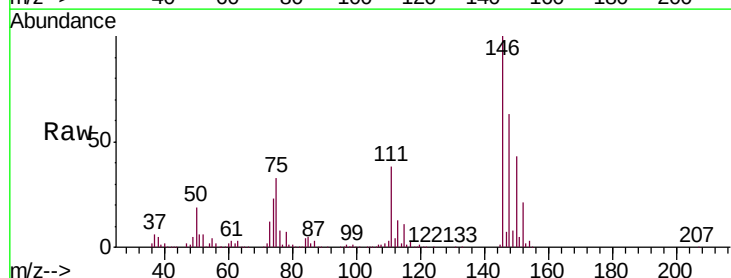
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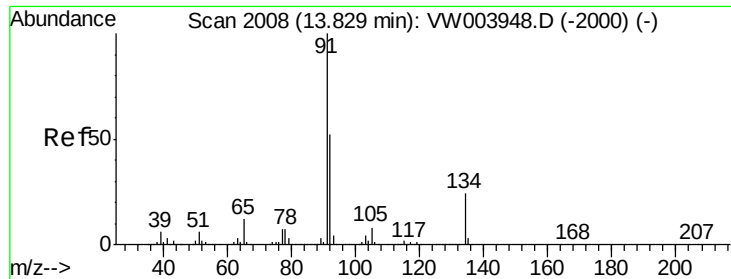
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#88
 1,4-Dichlorobenzene
 Concen: 20.71 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.7
148	65.2	32.3	96.8





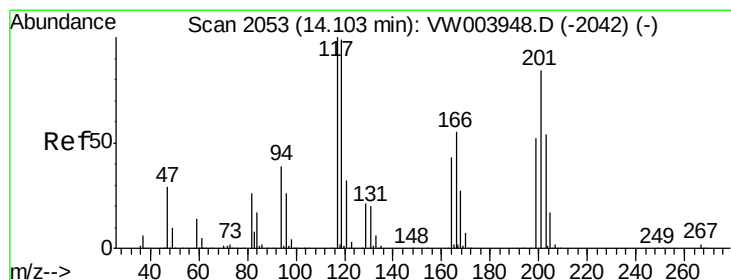
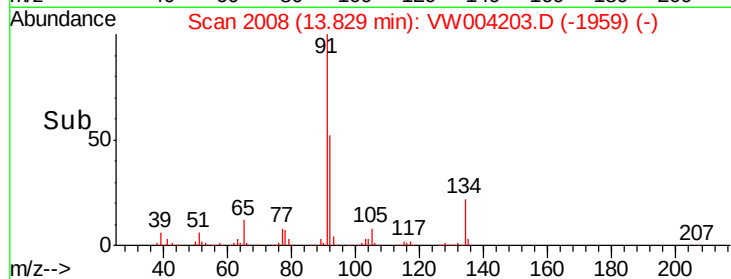
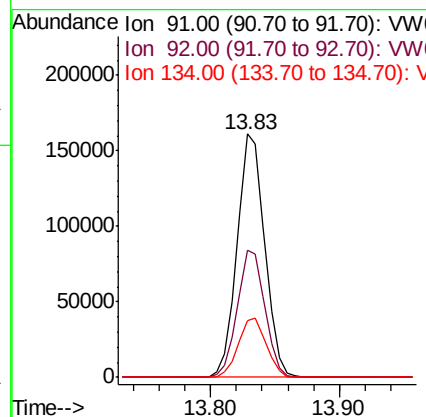
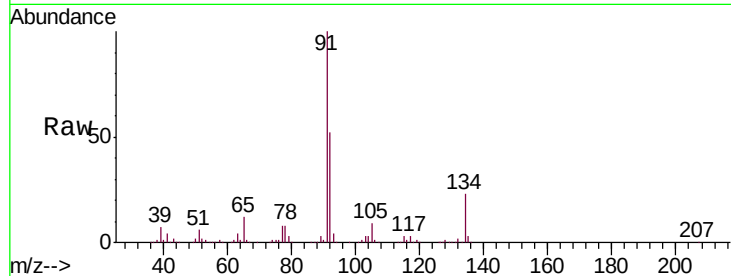
#89
n-Butylbenzene
Concen: 19.63 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.3
134	24.6	12.4	37.4

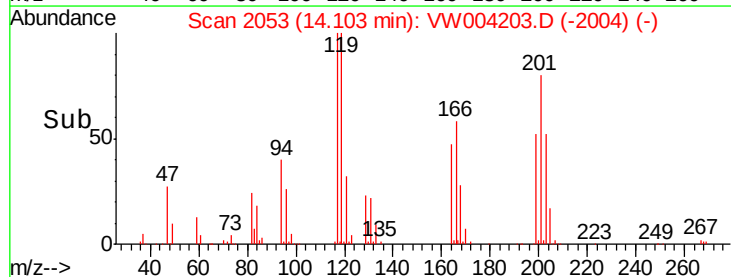
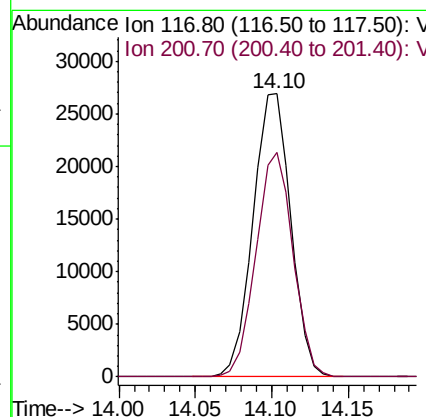
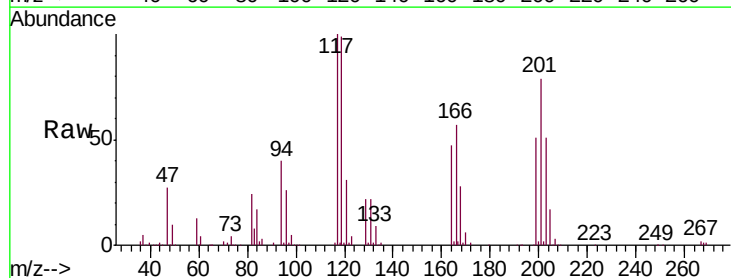
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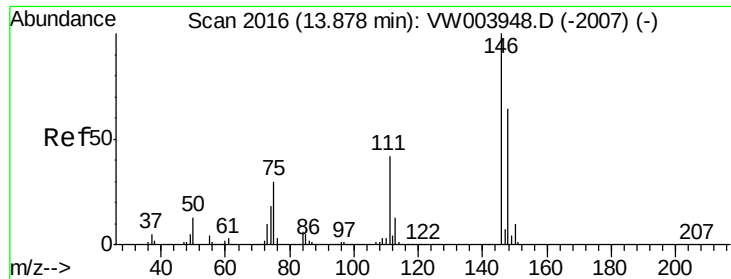
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#90
Hexachloroethane
Concen: 20.16 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004203.D
Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	40.3	120.9





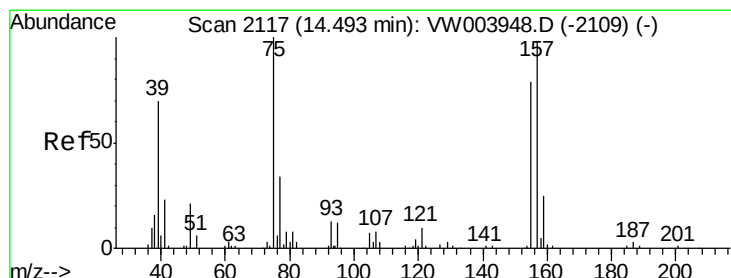
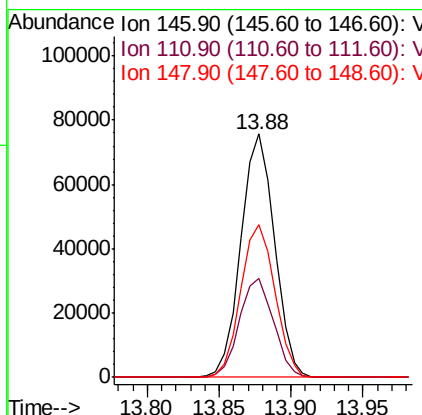
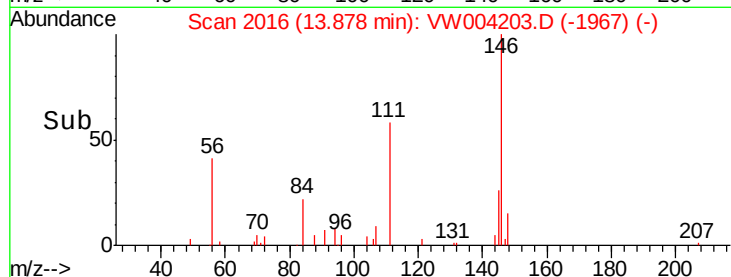
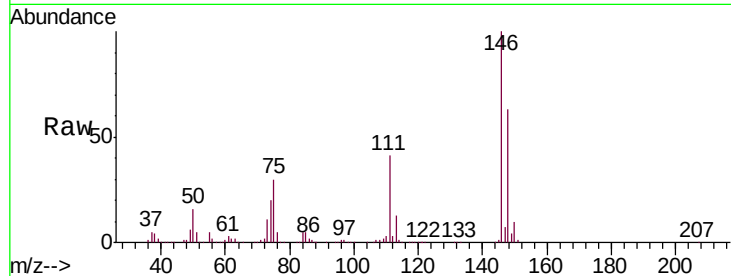
#91
 1,2-Dichlorobenzene
 Concen: 21.22 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	63.9	32.0	96.2

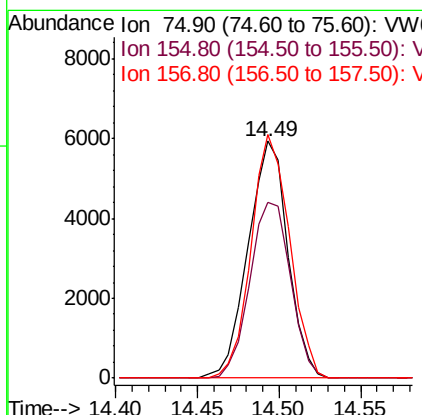
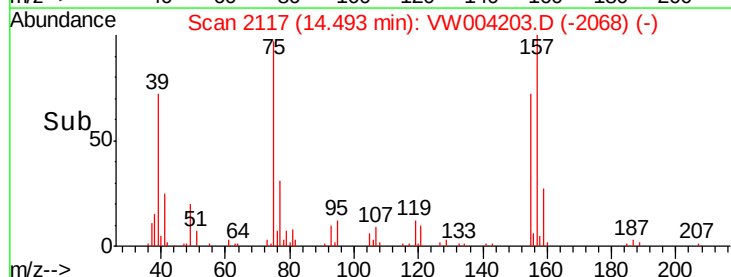
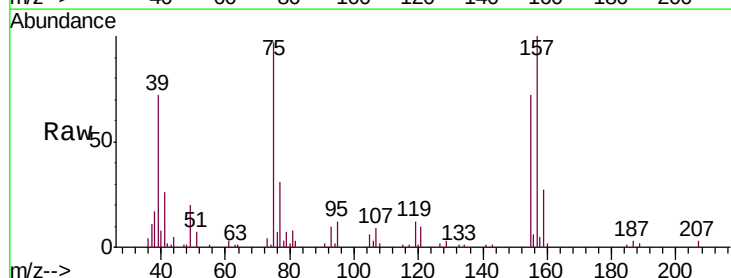
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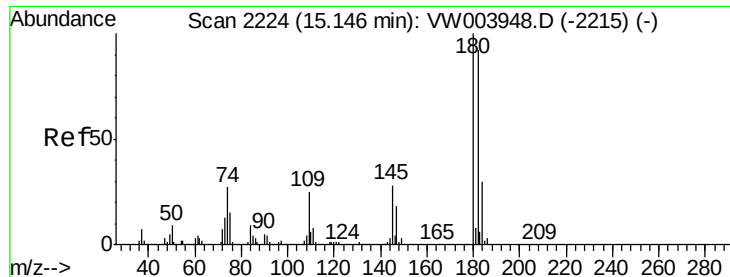
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.52 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004203.D
 Acq: 25 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	39.4	118.1
157	99.5	51.8	155.4





#93

1,2,4-Trichlorobenzene

Concen: 20.47 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

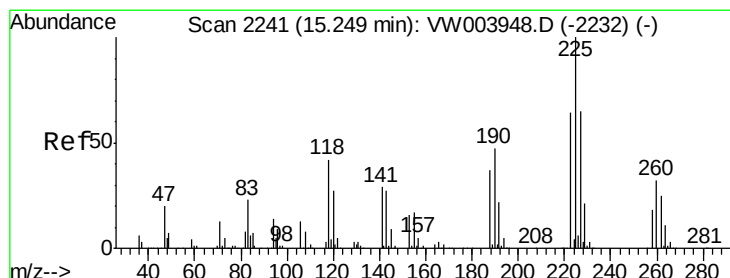
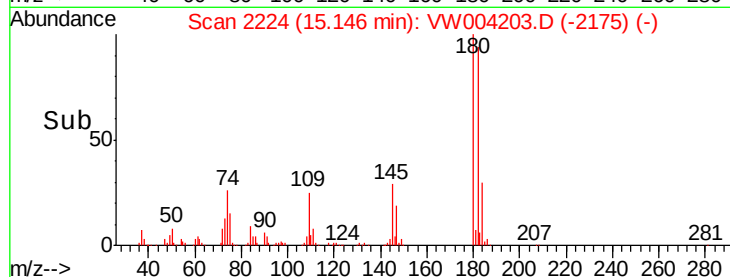
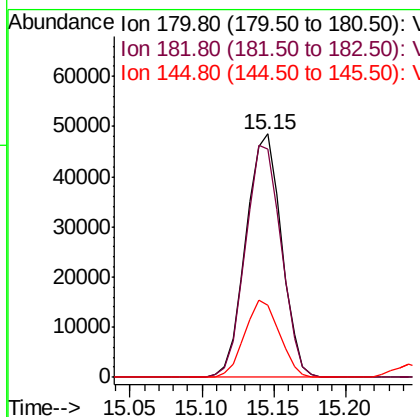
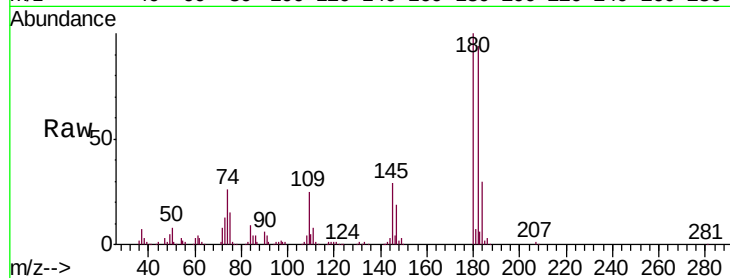
ClientSampleId :

VW0726SBS01

Tot Ion:	180	Resp:	82962
Ion Ratio	Lower	Upper	
180	100		
182	95.7	46.9	140.8
145	30.9	15.0	45.0

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#94

Hexachlorobutadiene

Concen: 20.23 ug/l

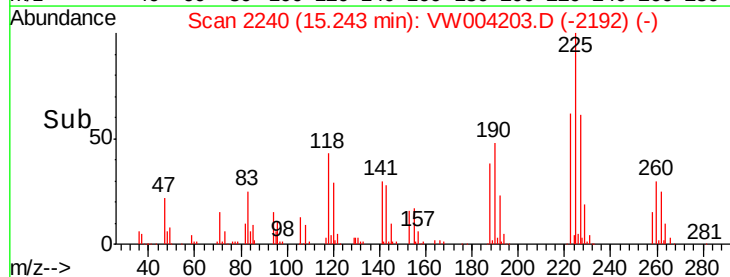
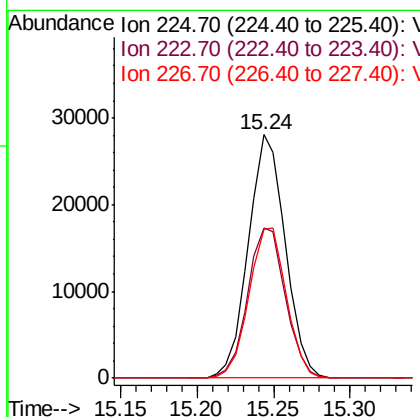
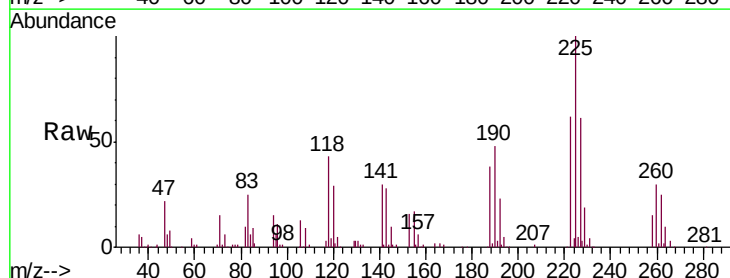
RT: 15.24 min Scan# 2240

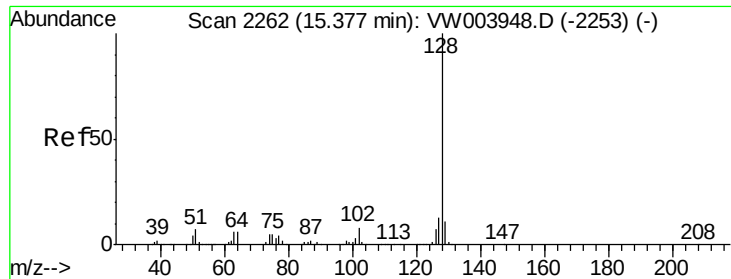
Delta R.T. -0.01 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Tgt Ion:	225	Resp:	47077
Ion Ratio	Lower	Upper	
225	100		
223	63.4	32.0	96.2
227	62.5	32.3	96.9





#95

Naphthalene

Concen: 20.40 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Instrument :

MSVOA_W

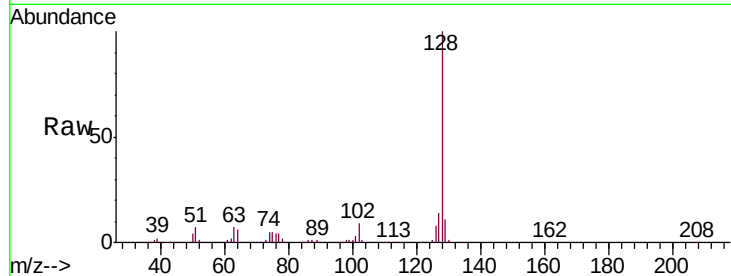
ClientSampleId :

VW0726SBSD01

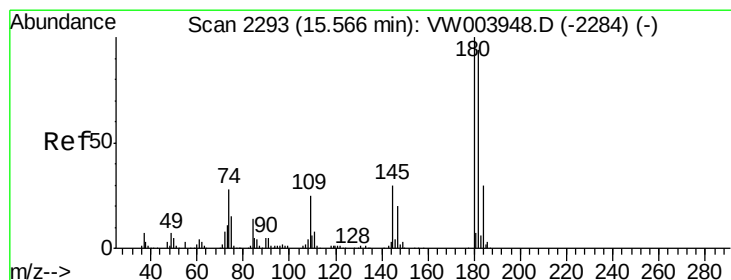
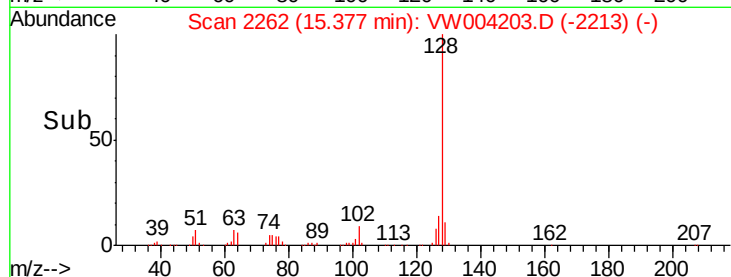
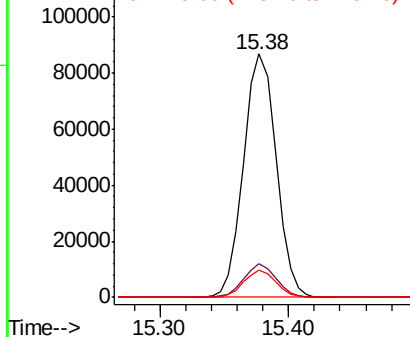
Tot Ion:	128	Resp:	152618
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
7/26/2018 12:28:43 PM



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



#96

1,2,3-Trichlorobenzene

Concen: 21.06 ug/l

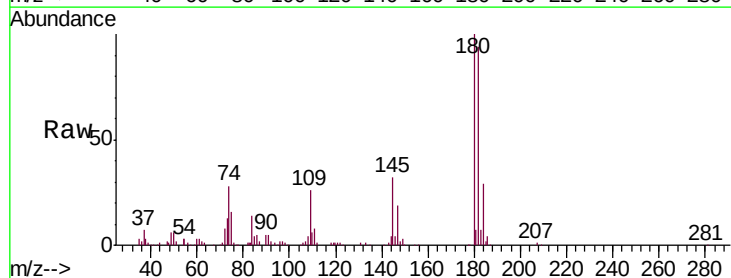
RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW004203.D

Acq: 25 Jul 2018 20:19

Tgt Ion:	180	Resp:	75571
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.5	142.6
145	32.1	15.8	47.4



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

