

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004246.D
 Acq On : 27 Jul 2018 02:26
 Operator : SY/AP
 Sample : VW0728SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Manual Integrations
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 7/27/2018 12:36:53 PM

Quant Time: Jul 27 07:58:47 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	241129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149543	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
35) Dibromofluoromethane	7.88	113	131433	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.33	98	511601	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	180641	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	24463m	18.066	ug/l
3) Chloromethane	2.21	50	42194	23.673	ug/l
4) Vinyl Chloride	2.36	62	34631	14.126	ug/l
5) Bromomethane	2.77	94	31049	20.263	ug/l
6) Chloroethane	2.92	64	28936	20.774	ug/l
7) Trichlorofluoromethane	3.25	101	21634	21.020	ug/l
8) Diethyl Ether	3.67	74	28047	23.476	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.04	101	50414	21.227	ug/l
10) Methyl Iodide	4.26	142	73611	21.580	ug/l
11) Tert butyl alcohol	5.18	59	23535	126.487	ug/l
12) 1,1-Dichloroethene	4.03	96	50272	21.453	ug/l
13) Acrolein	3.89	56	17889	93.570	ug/l
14) Allyl chloride	4.65	41	86815	22.444	ug/l
15) Acrylonitrile	5.37	53	73385	119.875	ug/l
16) Acetone	4.12	43	62204	96.040	ug/l
17) Carbon Disulfide	4.37	76	159390	21.791	ug/l
18) Methyl Acetate	4.67	43	37954	24.412	ug/l
19) Methyl tert-butyl Ether	5.43	73	96592	21.507	ug/l
20) Methylene Chloride	4.90	84	65518	17.860	ug/l
21) trans-1,2-Dichloroethene	5.41	96	56363	21.942	ug/l
22) Diisopropyl ether	6.31	45	185027	23.668	ug/l
23) Vinyl Acetate	6.25	43	542562	109.537	ug/l
24) 1,1-Dichloroethane	6.21	63	107896	22.620	ug/l
25) 2-Butanone	7.17	43	96387	110.586	ug/l
26) 2,2-Dichloropropane	7.17	77	52051	19.010	ug/l
27) cis-1,2-Dichloroethene	7.17	96	59257	21.340	ug/l
28) Bromochloromethane	7.51	49	48316	24.751	ug/l
29) Tetrahydrofuran	7.53	42	64357	118.539	ug/l
30) Chloroform	7.67	83	107240	22.602	ug/l
31) Cyclohexane	7.95	56	90217	20.177	ug/l
32) 1,1,1-Trichloroethane	7.87	97	80964	21.852	ug/l
36) 1,1-Dichloropropene	8.08	75	82122	20.555	ug/l
37) Ethyl Acetate	7.26	43	43904	22.783	ug/l
38) Carbon Tetrachloride	8.07	117	76332	20.447	ug/l

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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)
39) Methylcyclohexane	9.34	83	88418	18.897	ug/l	95
40) Benzene	8.32	78	246366	22.227	ug/l	99
41) Methacrylonitrile	7.49	41	25955	24.308	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	74243	21.955	ug/l	99
43) Isopropyl Acetate	8.43	43	79017	21.923	ug/l	99
44) Trichloroethene	9.09	130	60087	20.913	ug/l	96
45) 1,2-Dichloropropane	9.37	63	64415	22.769	ug/l	98
46) Dibromomethane	9.46	93	33128	22.567	ug/l	98
47) Bromodichloromethane	9.65	83	78847	21.787	ug/l	99
48) Methyl methacrylate	9.44	41	36954	21.200	ug/l	97
49) 1,4-Dioxane	9.45	88	11602	514.147	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	216191	112.587	ug/l	99
52) Toluene	10.39	92	150536	21.963	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77522	20.485	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90500	20.904	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	46433	22.490	ug/l	97
56) Ethyl methacrylate	10.65	69	57240	21.186	ug/l	99
57) 1,3-Dichloropropane	10.93	76	80039	22.313	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	132610	108.269	ug/l	100
59) 2-Hexanone	10.98	43	148124	109.446	ug/l	98
60) Dibromochloromethane	11.13	129	52528	21.847	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43805	22.298	ug/l	99
64) Tetrachloroethene	10.87	164	57518	23.194	ug/l	97
65) Chlorobenzene	11.66	112	157673	20.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	55554	20.802	ug/l	99
67) Ethyl Benzene	11.74	91	266633	19.750	ug/l	99
68) m/p-Xylenes	11.84	106	208887	40.483	ug/l	99
69) o-Xylene	12.17	106	96060	20.069	ug/l	98
70) Styrene	12.18	104	168758	21.109	ug/l	99
71) Bromoform	12.35	173	31093	20.621	ug/l #	98
73) Isopropylbenzene	12.47	105	265106	19.114	ug/l	98
74) N-amyl acetate	12.28	43	73045	20.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56405	21.029	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44953m	23.069	ug/l	
77) Bromobenzene	12.75	156	65341	19.688	ug/l	96
78) n-propylbenzene	12.81	91	331946	19.508	ug/l	99
79) 2-Chlorotoluene	12.90	91	196984	20.526	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	235666	20.191	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15480	17.572	ug/l	94
82) 4-Chlorotoluene	12.99	91	210947	20.482	ug/l	100
83) tert-Butylbenzene	13.21	119	183447	18.720	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	243114	20.245	ug/l	100
85) sec-Butylbenzene	13.39	105	280831	19.314	ug/l	100
86) p-Isopropyltoluene	13.51	119	248598	19.492	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	132771	20.030	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	133808	20.128	ug/l	99
89) n-Butylbenzene	13.84	91	234567	18.709	ug/l	99
90) Hexachloroethane	14.10	117	46345	19.713	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	118489	20.063	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9966	20.894	ug/l	96

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VW0728SBSD01

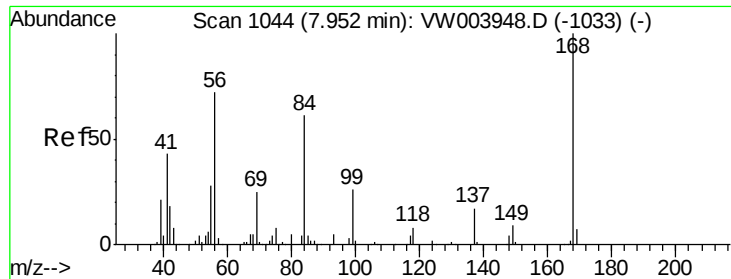
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82086	19.790	ug/l	100
94) Hexachlorobutadiene	15.24	225	46155	19.378	ug/l	98
95) Naphthalene	15.38	128	152001	19.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74554	20.302	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion:168 Resp: 241129

Ion Ratio Lower Upper

168 100

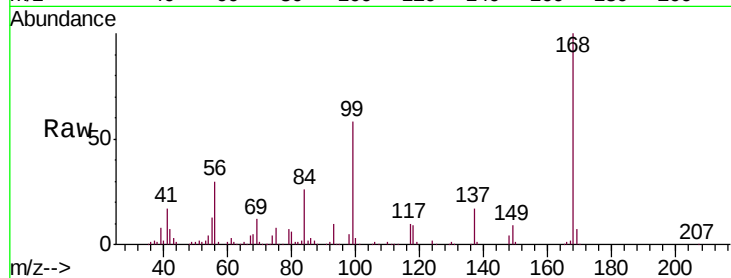
99 57.9 43.8 65.6

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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

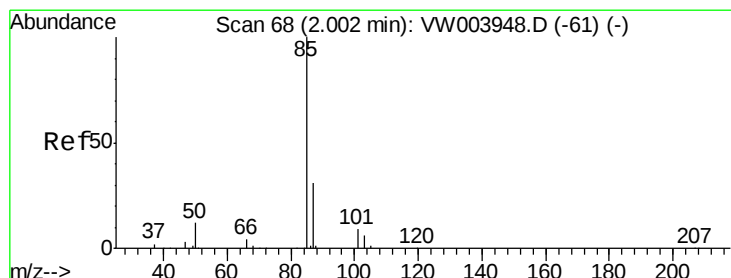
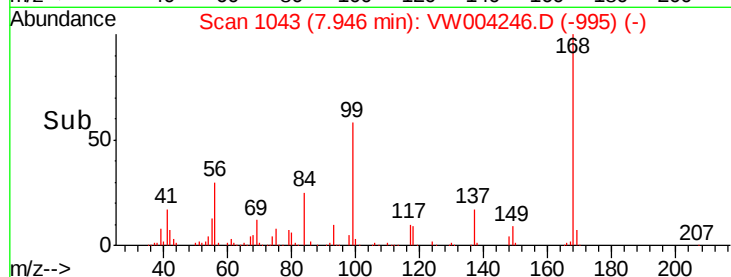
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.066 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004246.D

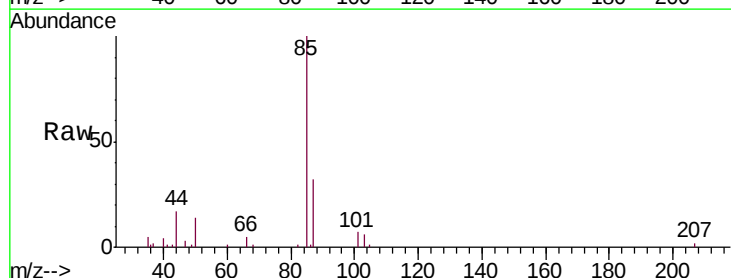
Acq: 27 Jul 2018 02:26

Tgt Ion: 85 Resp: 24463

Ion Ratio Lower Upper

85 100

87 32.2 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

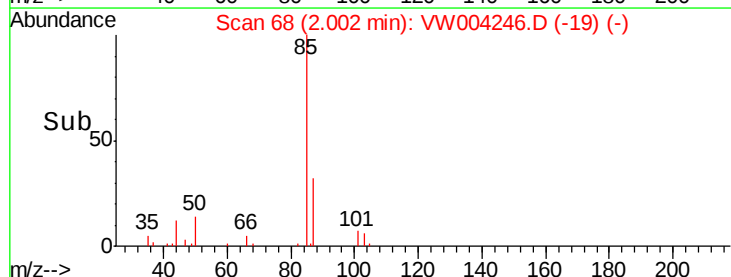
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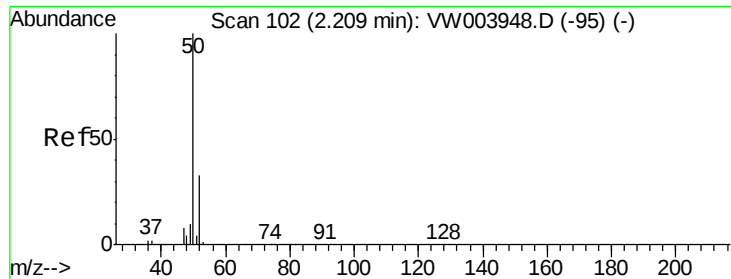
4000

2000

0

Time-->





#3

Chloromethane

Concen: 23.673 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 50 Resp: 42194

Ion Ratio Lower Upper

50 100

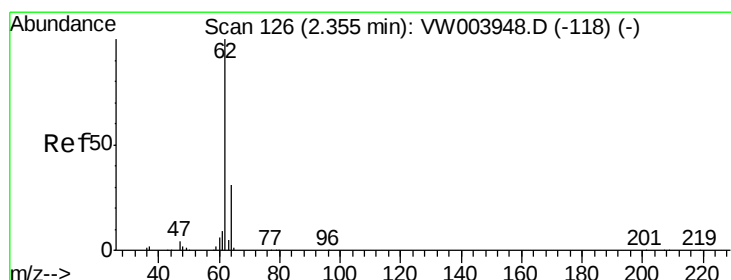
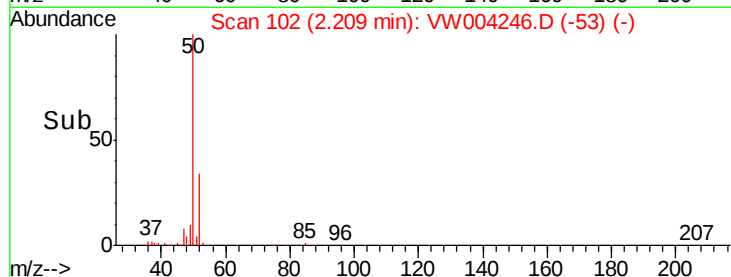
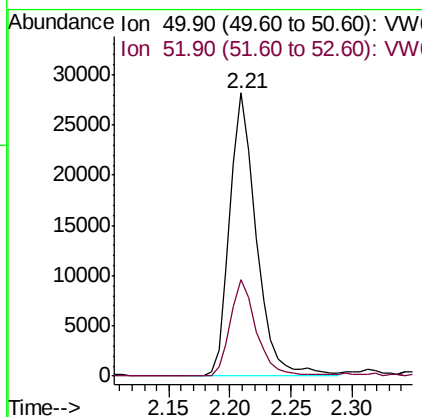
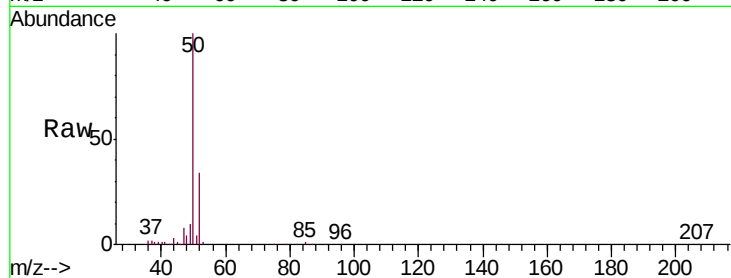
52 34.4 26.3 39.5

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#4

Vinyl Chloride

Concen: 14.126 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004246.D

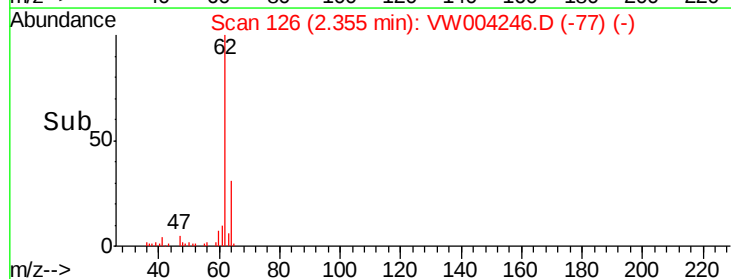
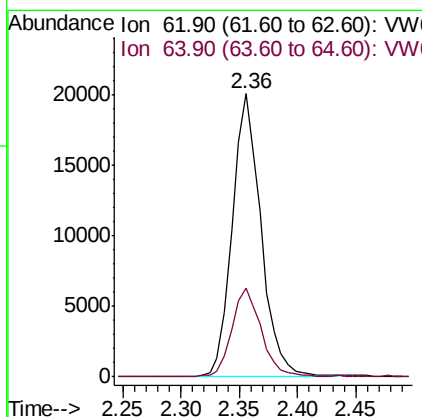
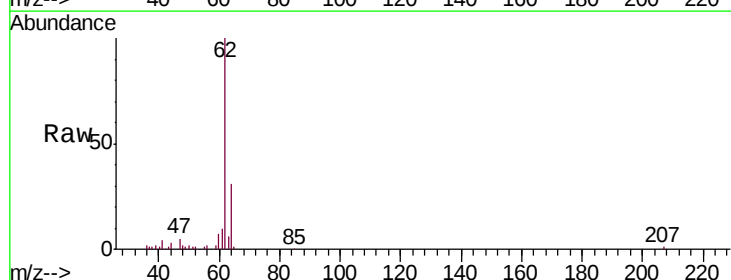
Acq: 27 Jul 2018 02:26

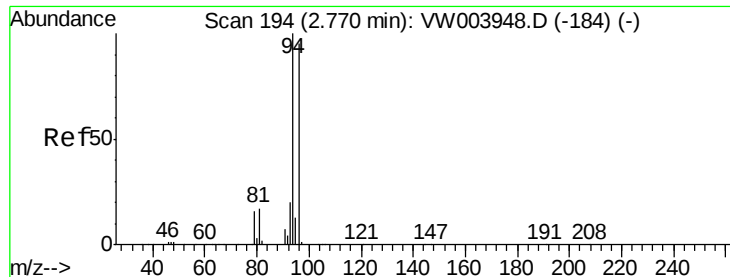
Tgt Ion: 62 Resp: 34631

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6





#5

Bromomethane

Concen: 20.263 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 94 Resp: 31049

Ion Ratio Lower Upper

94 100

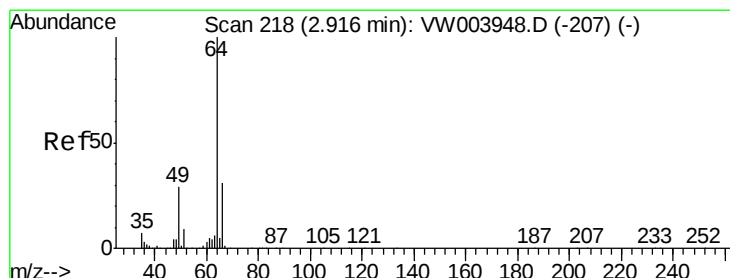
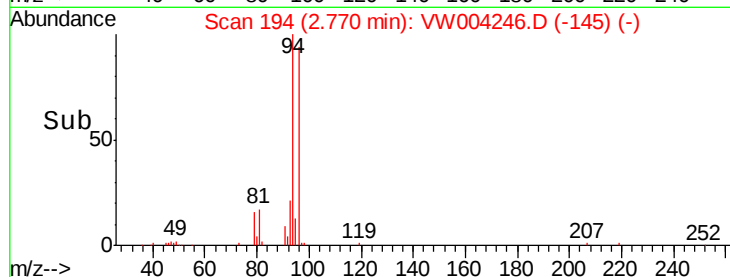
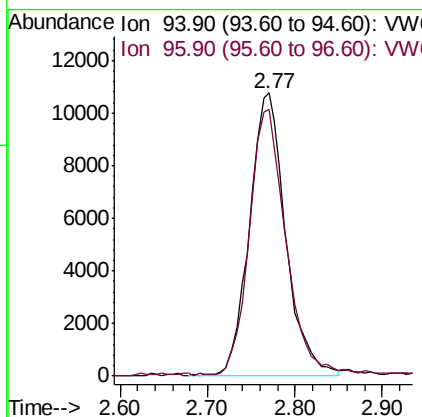
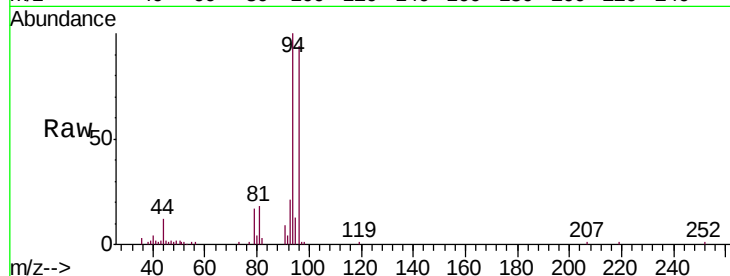
96 93.3 75.8 113.6

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#6

Chloroethane

Concen: 20.774 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW004246.D

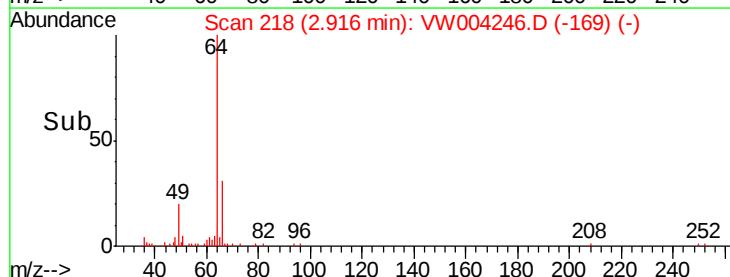
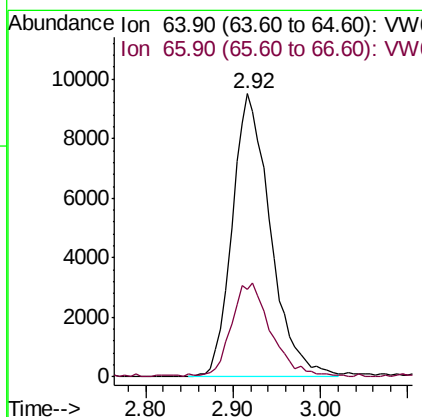
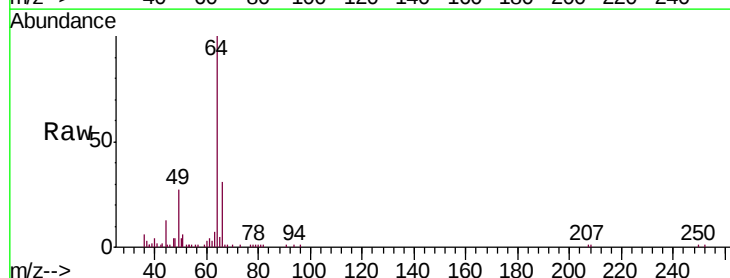
Acq: 27 Jul 2018 02:26

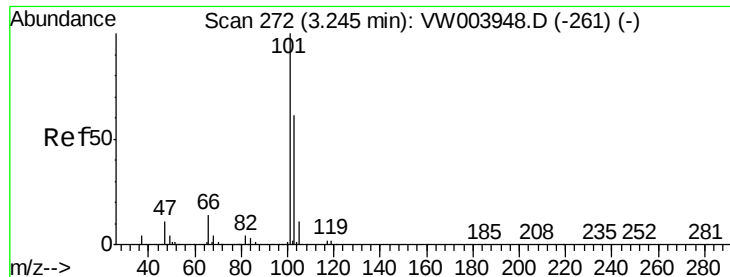
Tgt Ion: 64 Resp: 28936

Ion Ratio Lower Upper

64 100

66 30.1 24.5 36.7





#7

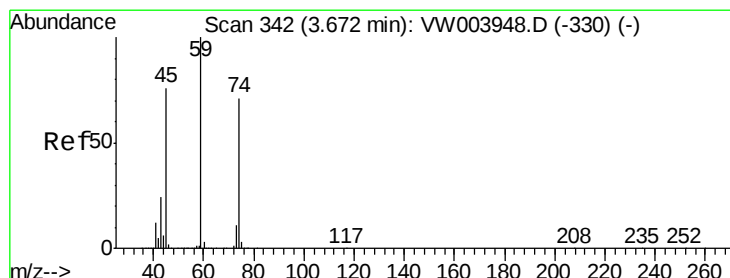
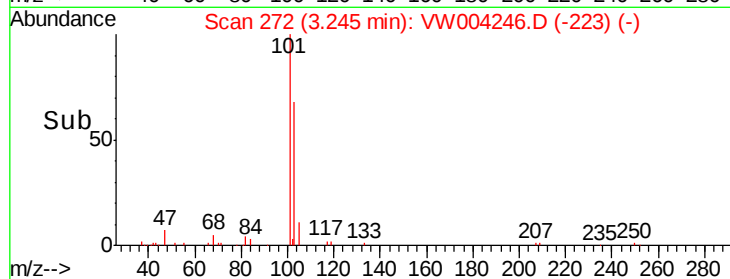
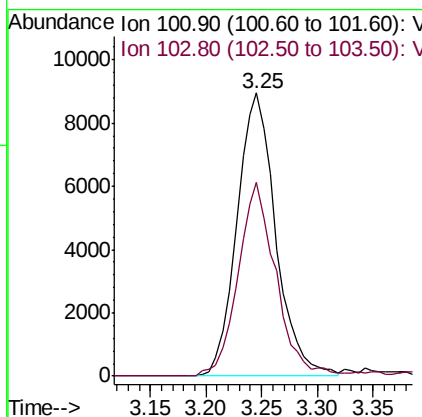
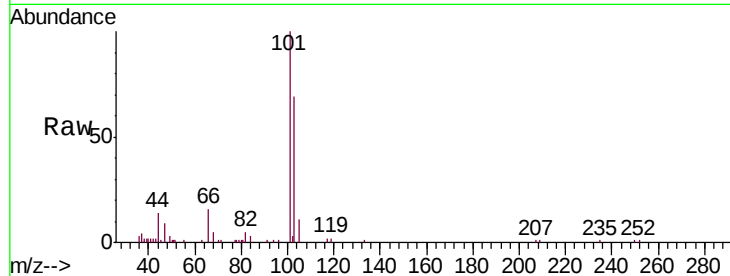
Trichlorofluoromethane
 Concen: 21.020 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
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 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.5	49.0	73.6

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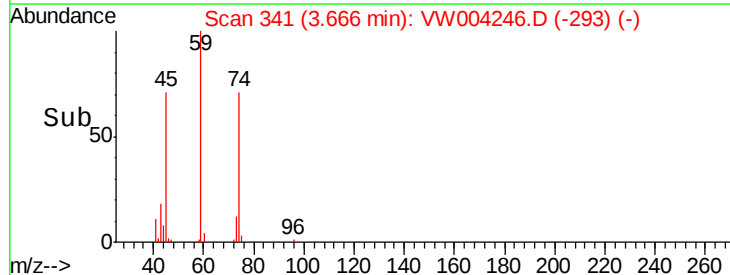
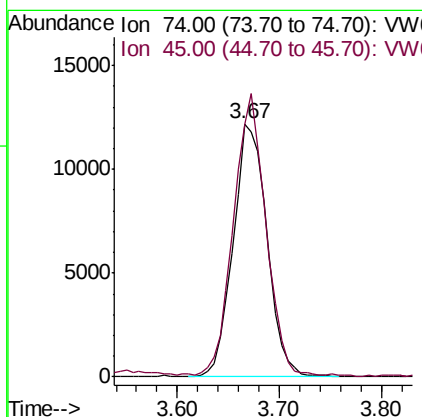
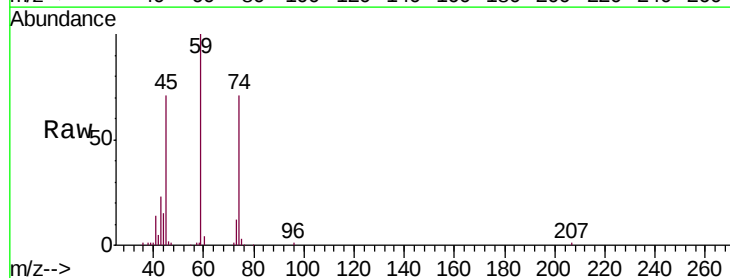
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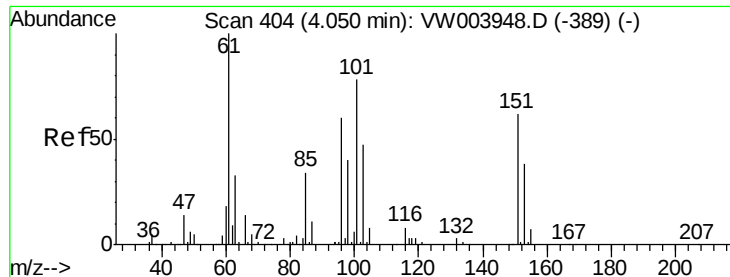


#8

Diethyl Ether
 Concen: 23.476 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.227 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

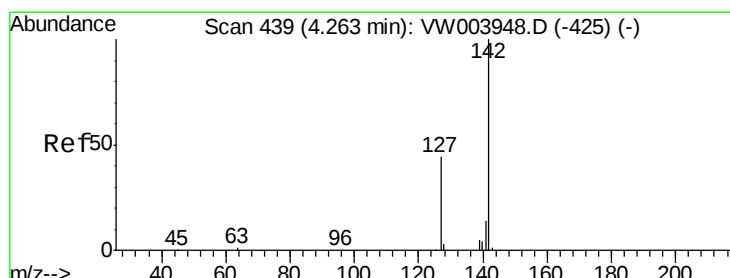
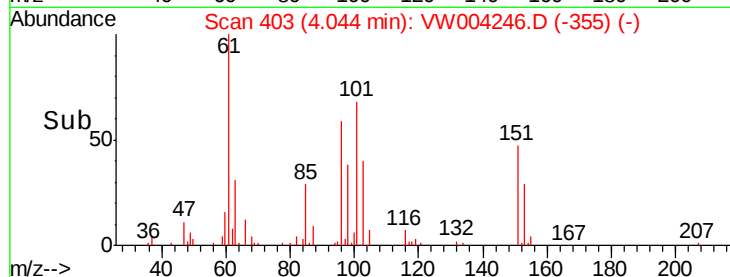
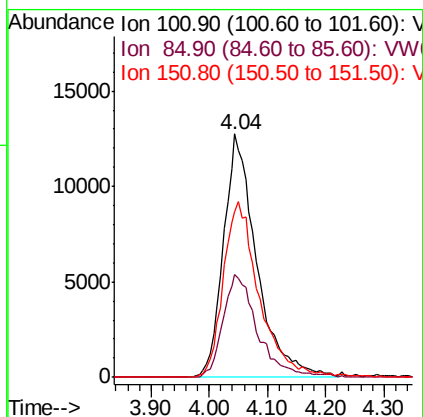
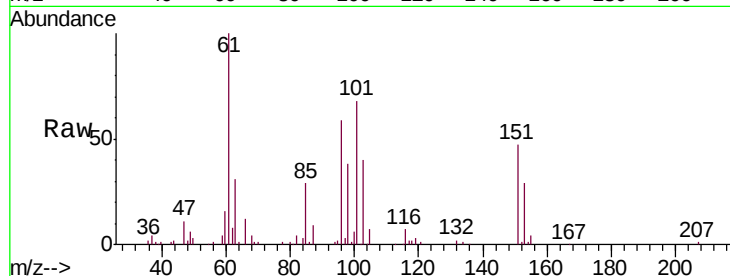
ClientSampleId :

VW0728SBS01

Tot Ion:	101	Resp:	50414
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.8	53.6
151	77.9	63.6	95.4

Manual Integrations
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#10

Methyl Iodide

Concen: 21.580 ug/l

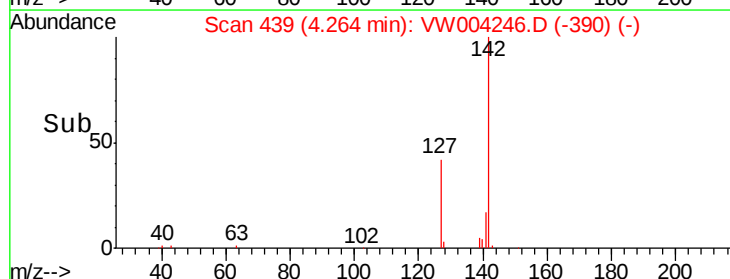
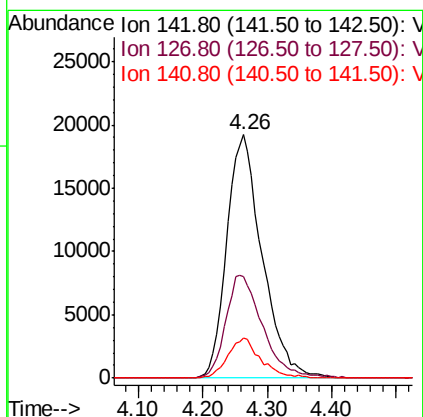
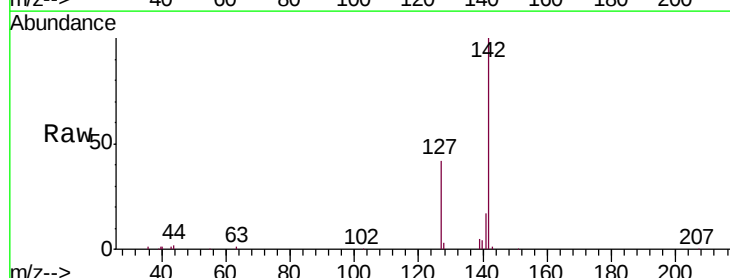
RT: 4.26 min Scan# 439

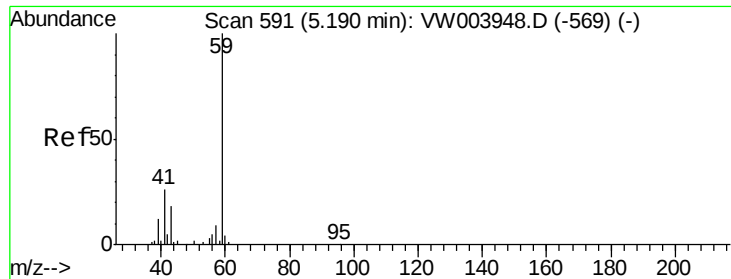
Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion:	142	Resp:	73611
Ion Ratio	Lower	Upper	
142	100		
127	44.2	35.4	53.2
141	15.2	11.7	17.5





#11

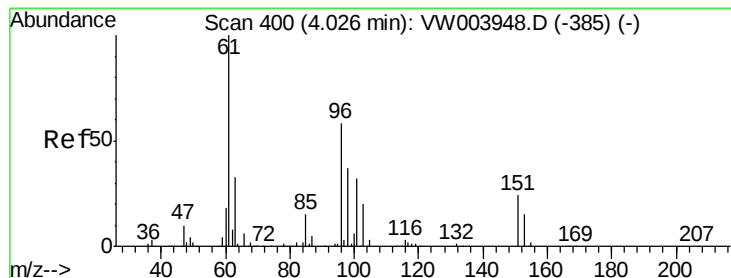
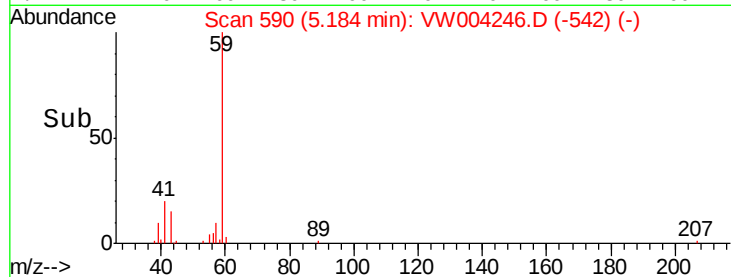
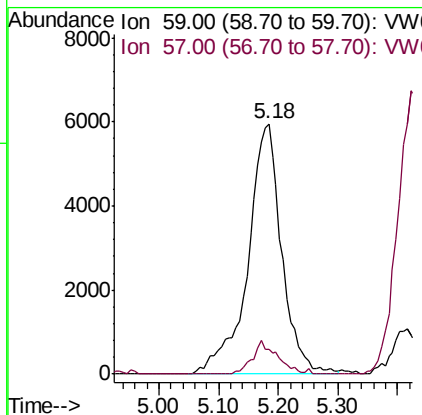
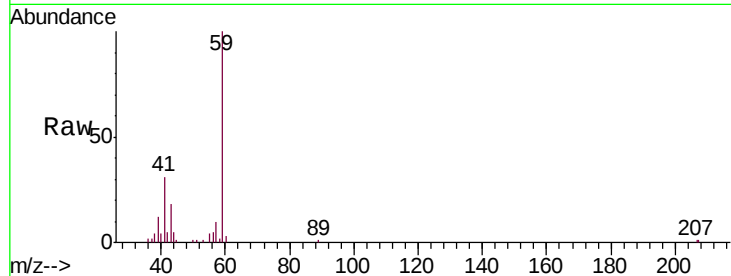
Tert butyl alcohol
 Concen: 126.487 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.5	12.7

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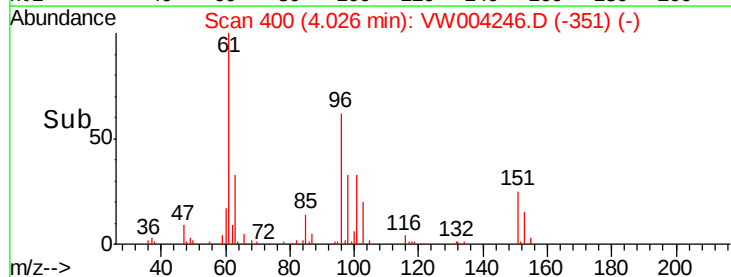
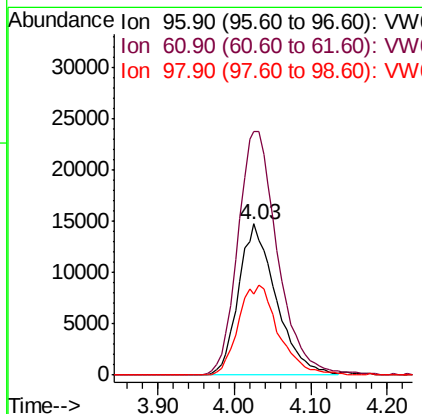
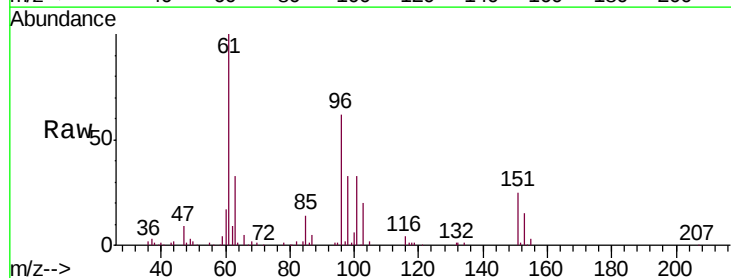
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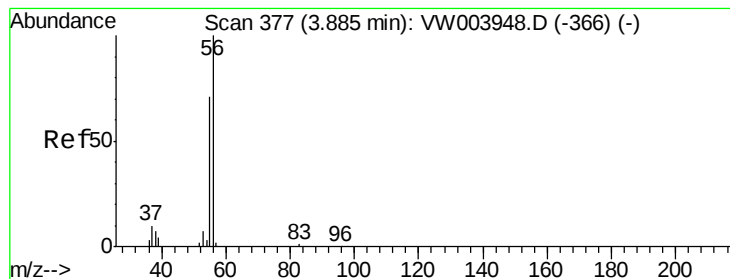


#12

1,1-Dichloroethene
 Concen: 21.453 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	137.0	205.6
98	53.9	50.2	75.4





#13

Acrolein

Concen: 93.570 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 56 Resp: 17889

Ion Ratio Lower Upper

56 100

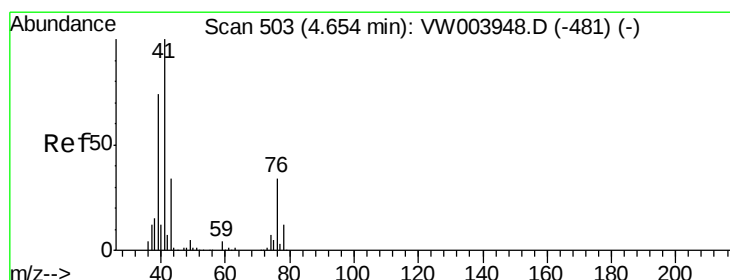
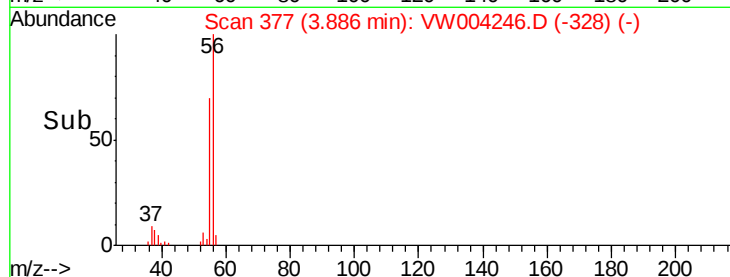
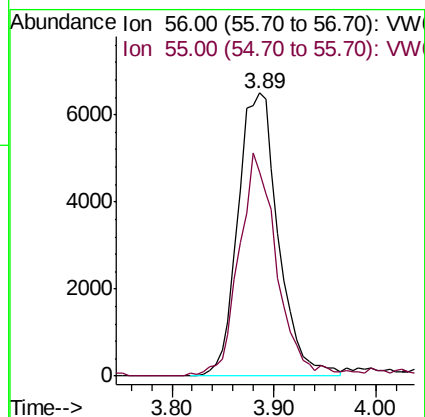
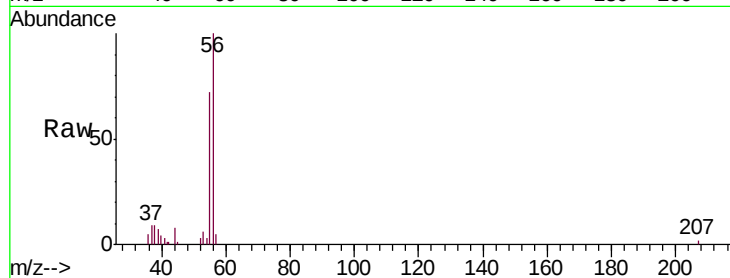
55 73.2 58.2 87.4

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#14

Allyl chloride

Concen: 22.444 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

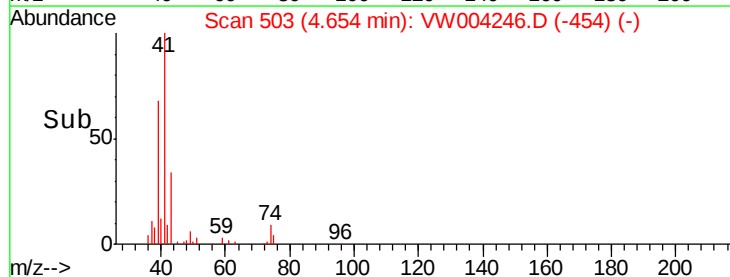
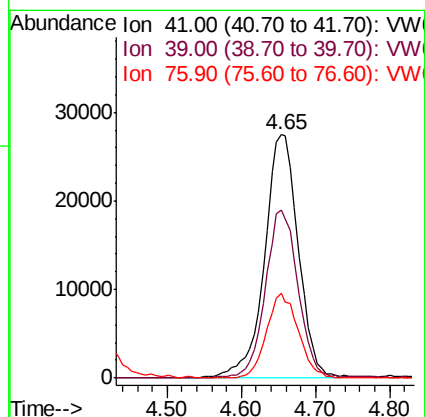
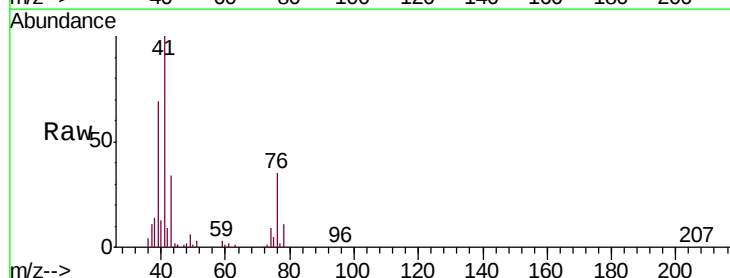
Tgt Ion: 41 Resp: 86815

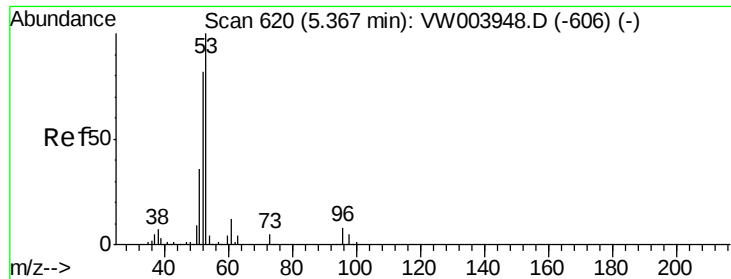
Ion Ratio Lower Upper

41 100

39 67.0 57.0 85.4

76 32.8 26.5 39.7





#15

Acrylonitrile

Concen: 119.875 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

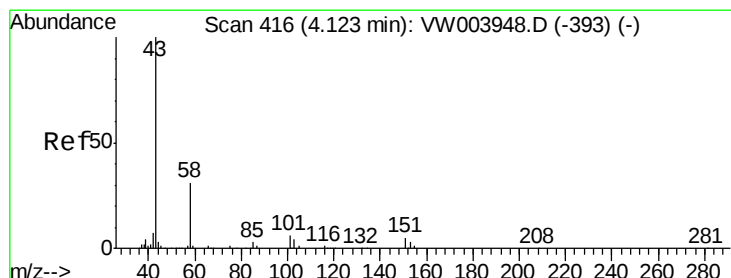
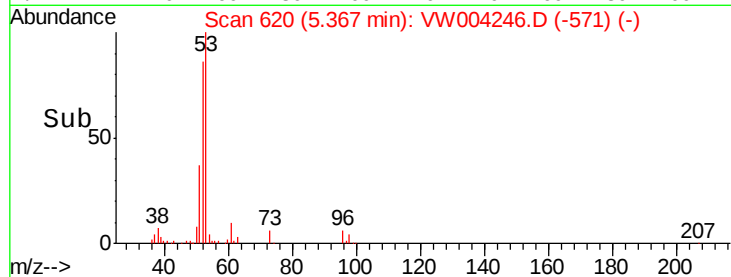
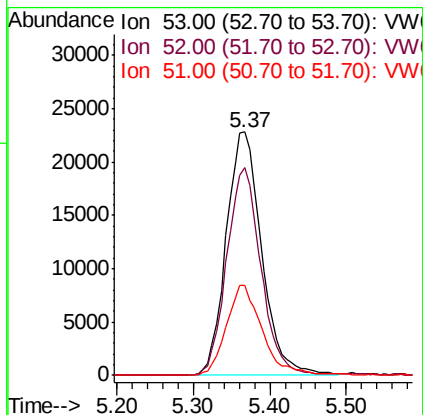
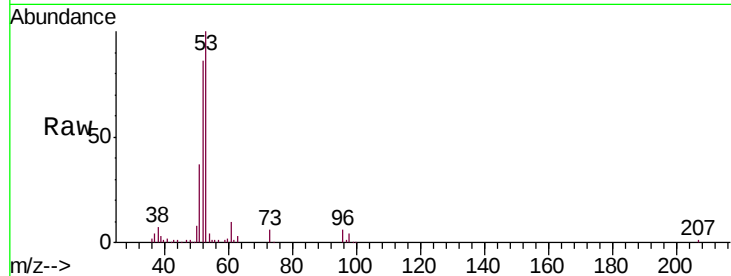
ClientSampleId :

VW0728SBS01

Tot Ion:	53	Resp:	73385
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.1	99.1
51	37.3	29.8	44.6

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#16

Acetone

Concen: 96.040 ug/l

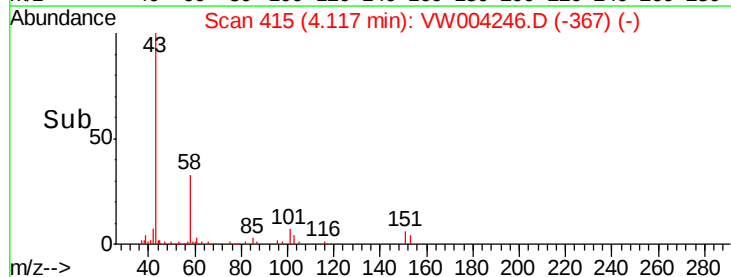
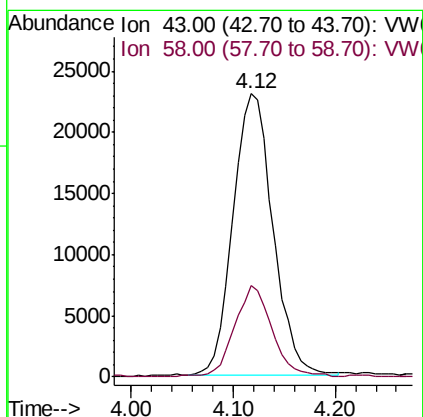
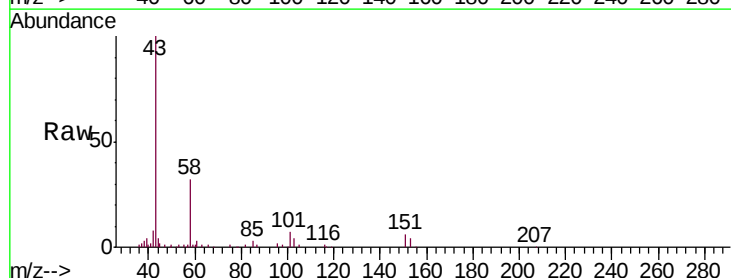
RT: 4.12 min Scan# 415

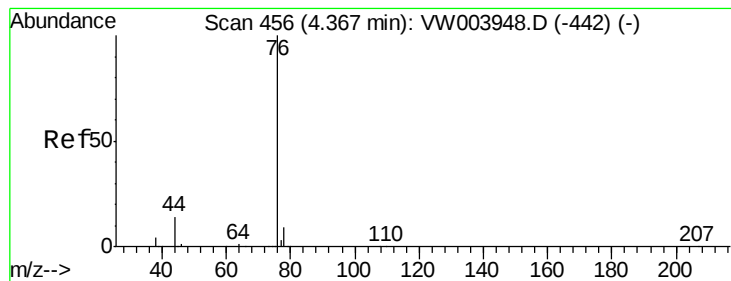
Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion:	43	Resp:	62204
Ion Ratio	Lower	Upper	
43	100		
58	32.4	24.5	36.7





#17

Carbon Disulfide

Concen: 21.791 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 76 Resp: 159390

Ion Ratio Lower Upper

76 100

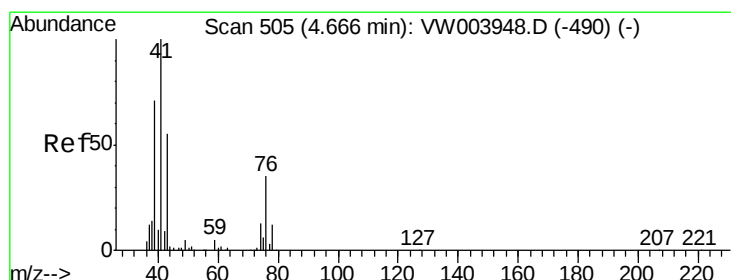
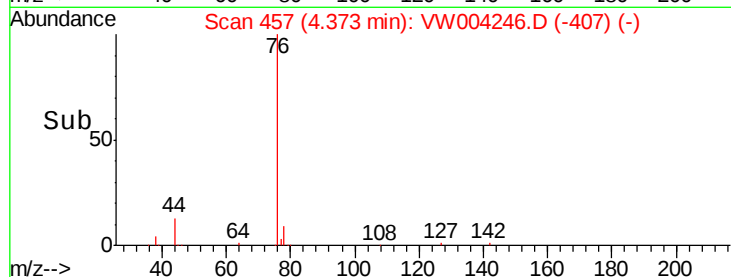
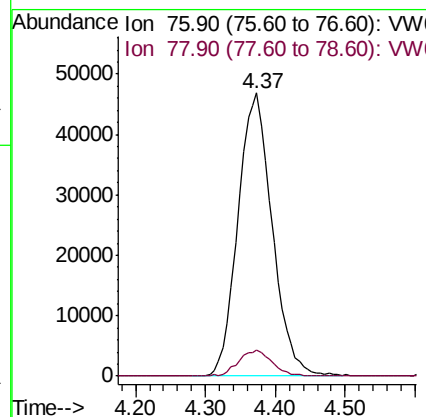
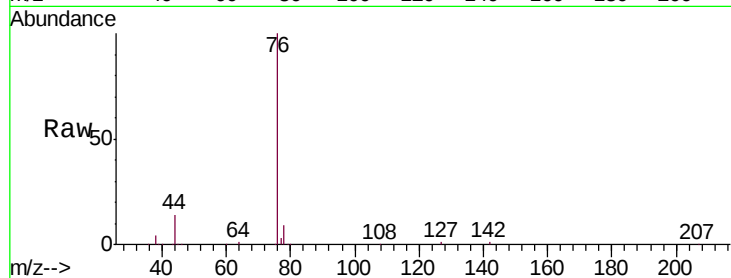
78 9.0 7.1 10.7

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#18

Methyl Acetate

Concen: 24.412 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW004246.D

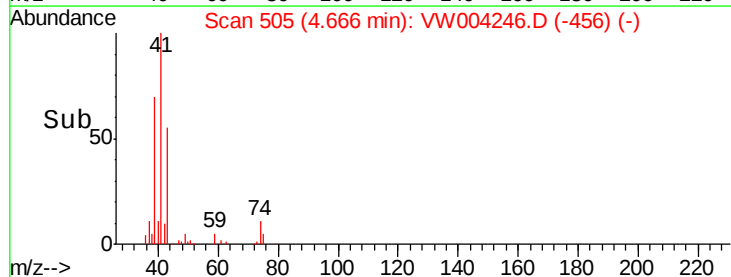
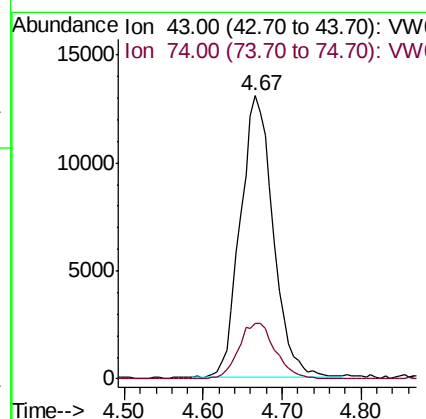
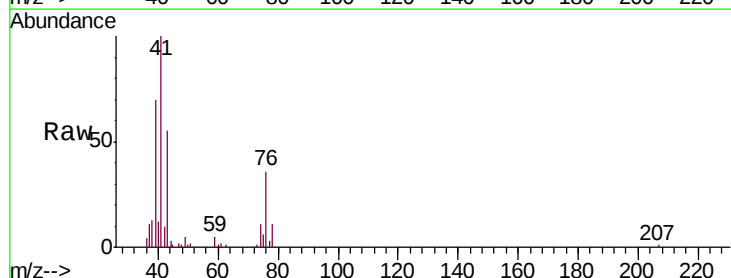
Acq: 27 Jul 2018 02:26

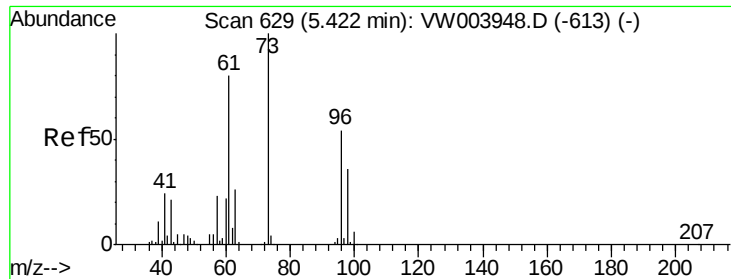
Tgt Ion: 43 Resp: 37954

Ion Ratio Lower Upper

43 100

74 21.7 17.7 26.5





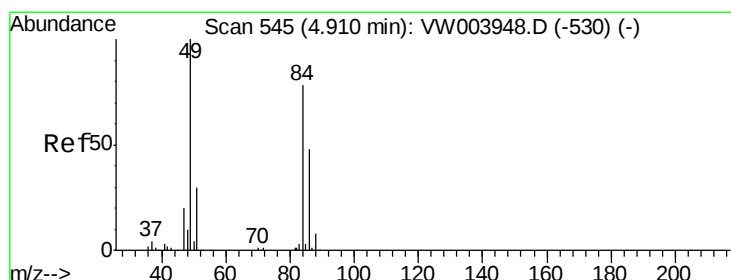
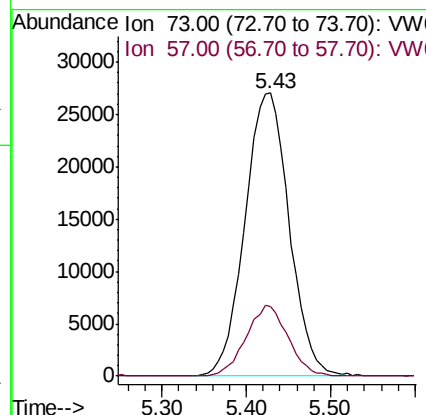
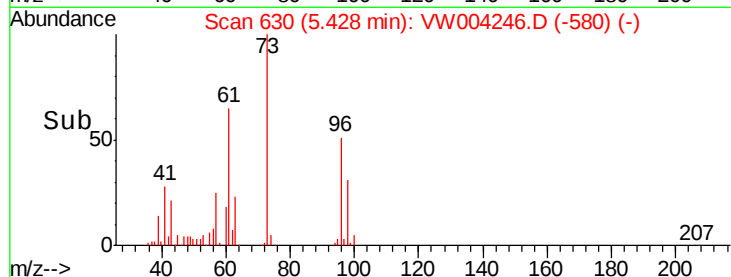
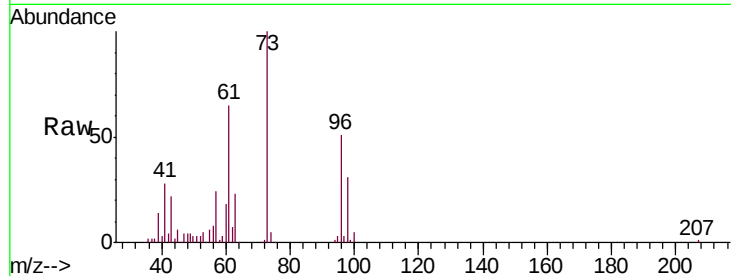
#19
Methvl tert-butvl Ether
Concen: 21.507 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion: 73 Resp: 96592
Ion Ratio Lower Upper
73 100
57 24.5 18.2 27.4

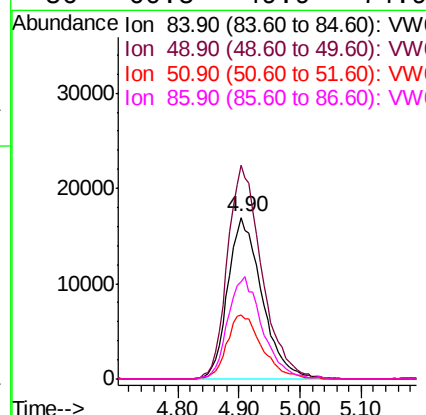
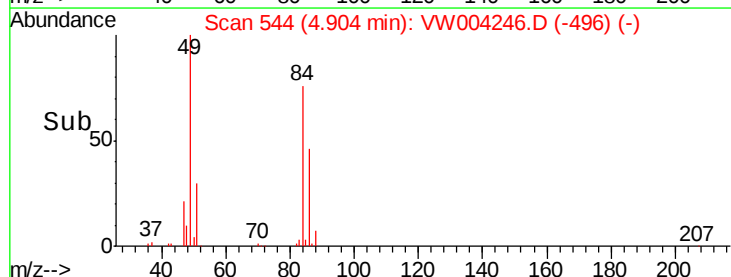
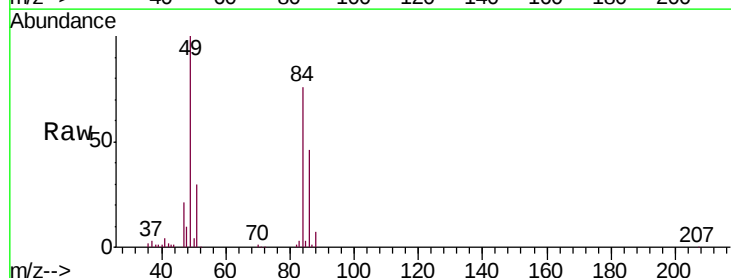
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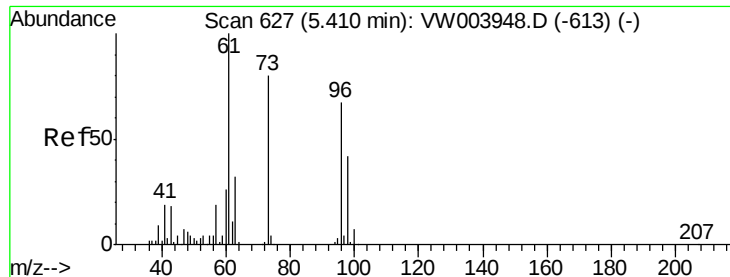
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#20
Methylene Chloride
Concen: 17.860 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 84 Resp: 65518
Ion Ratio Lower Upper
84 100
49 131.9 102.9 154.3
51 39.3 30.9 46.3
86 60.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.942 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

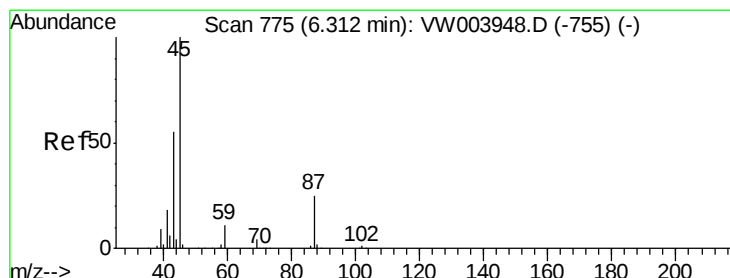
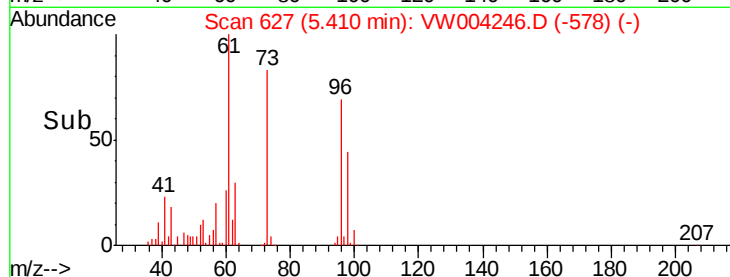
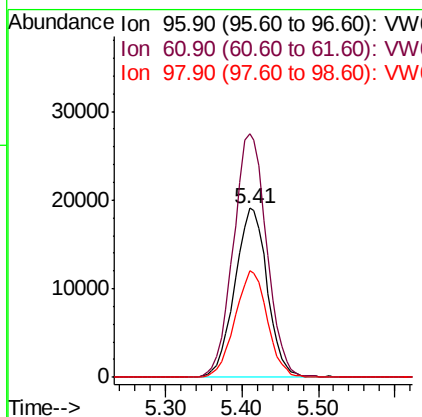
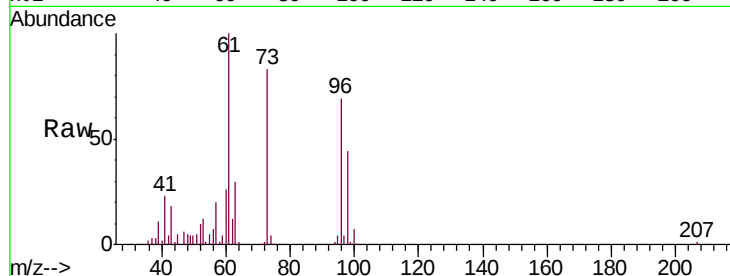
ClientSampleId :

VW0728SBS01

Tot Ion:	96	Resp:	56363
Ion	Ratio	Lower	Upper
96	100		
61	144.2	119.0	178.4
98	62.8	49.9	74.9

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#22

Diisopropyl ether

Concen: 23.668 ug/l

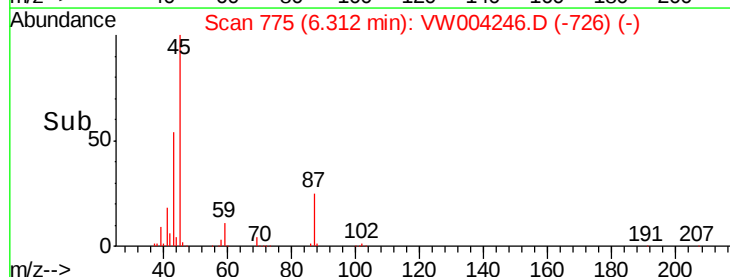
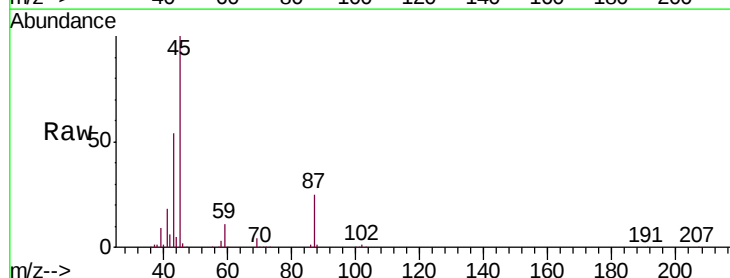
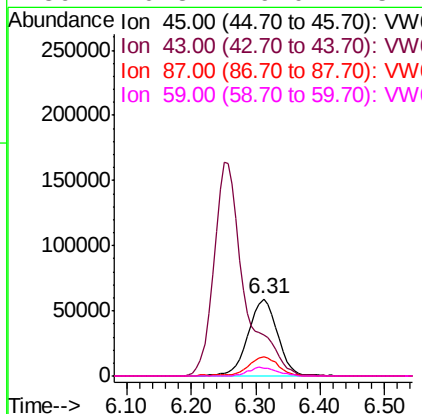
RT: 6.31 min Scan# 775

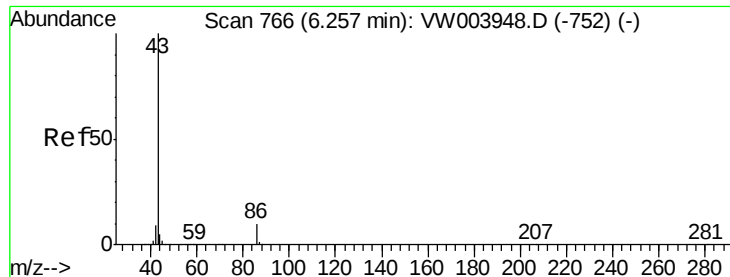
Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion:	45	Resp:	185027
Ion	Ratio	Lower	Upper
45	100		
43	53.0	44.3	66.5
87	24.6	20.2	30.4
59	10.8	9.0	13.4





#23

Vinyl Acetate

Concen: 109.537 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

VW0728SBS01

Tot Ion: 43 Resp: 542562

Ion Ratio Lower Upper

43 100

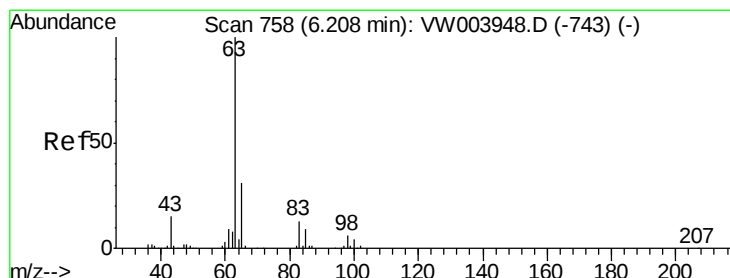
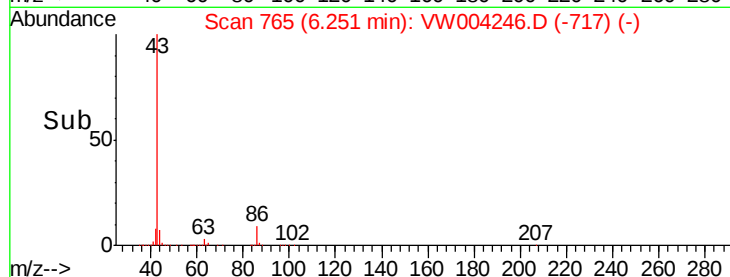
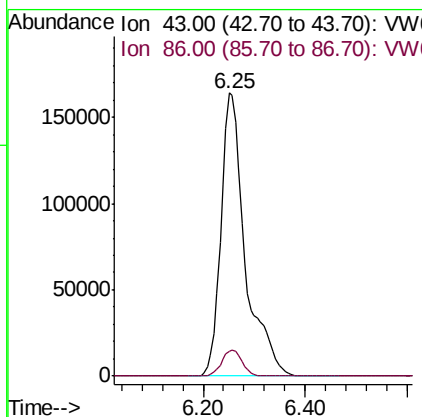
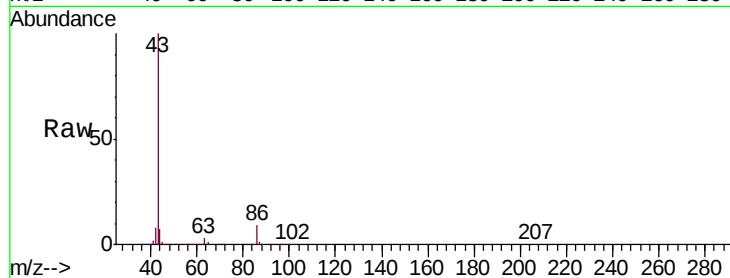
86 9.0 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 22.620 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

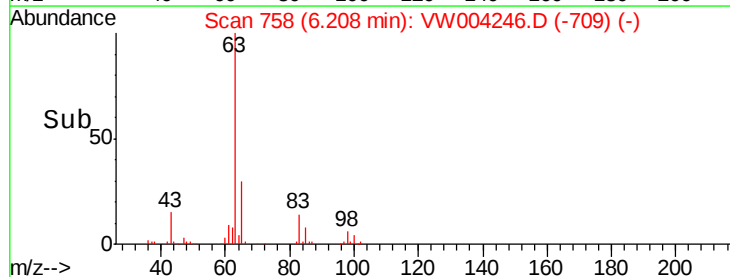
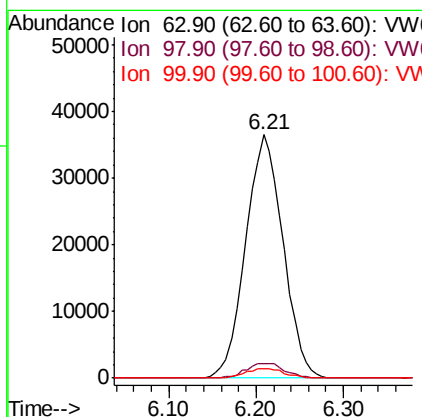
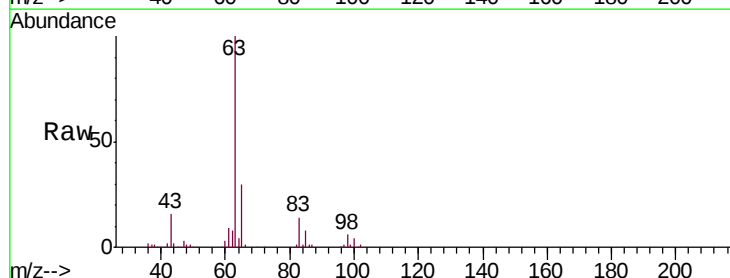
Tgt Ion: 63 Resp: 107896

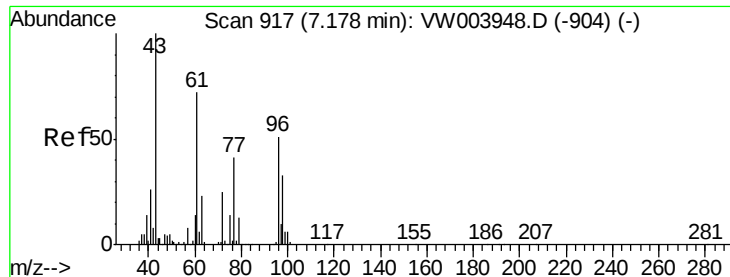
Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.4

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 110.586 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 43 Resp: 96387

Ion Ratio Lower Upper

43 100

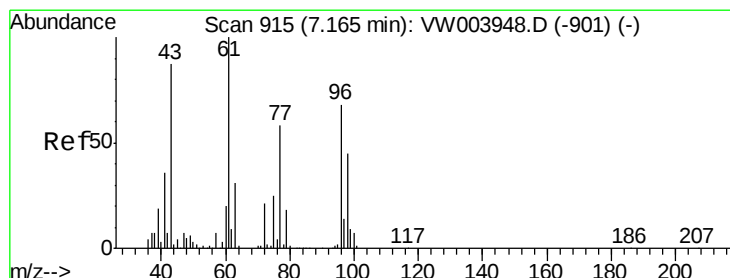
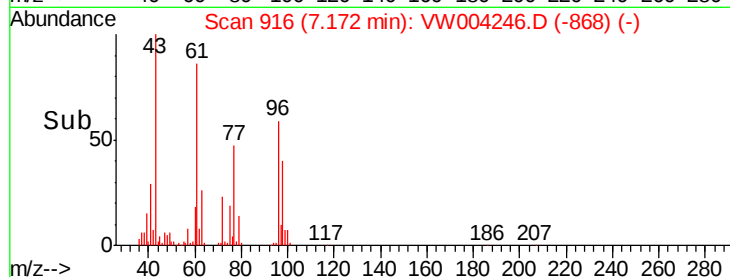
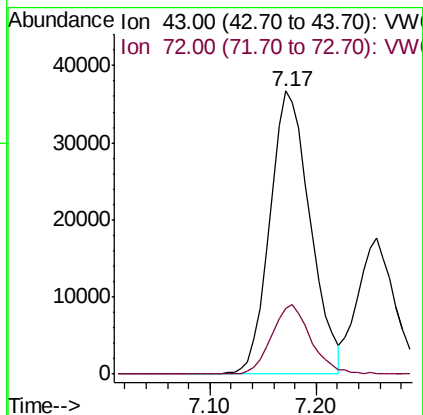
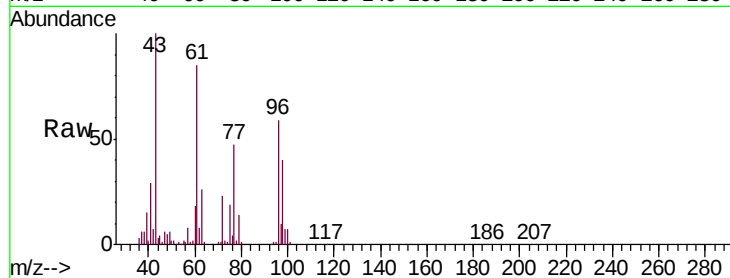
72 23.1 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.010 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004246.D

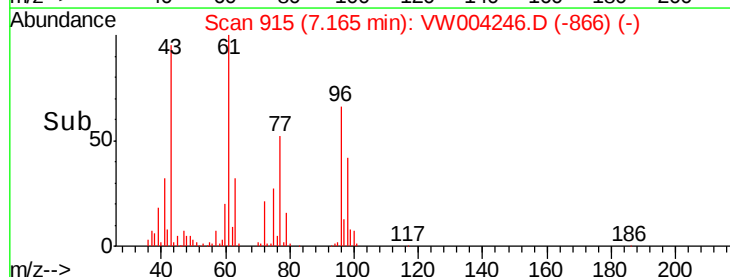
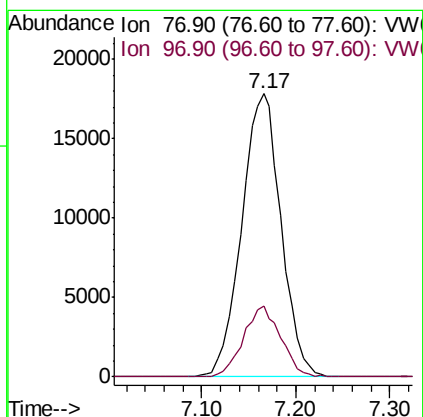
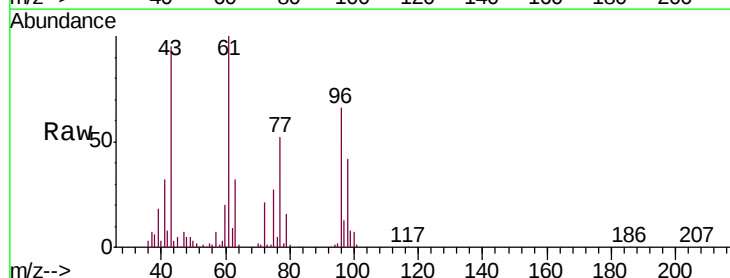
Acq: 27 Jul 2018 02:26

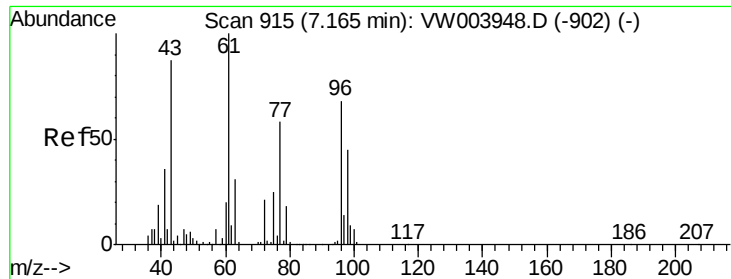
Tgt Ion: 77 Resp: 52051

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





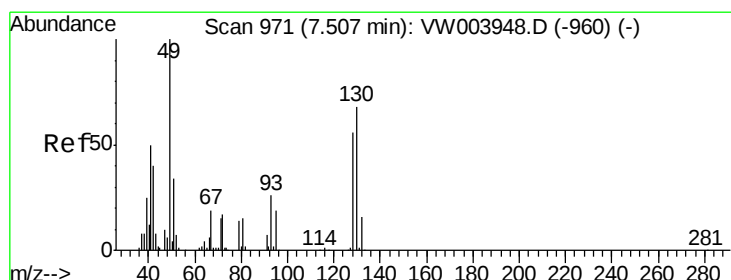
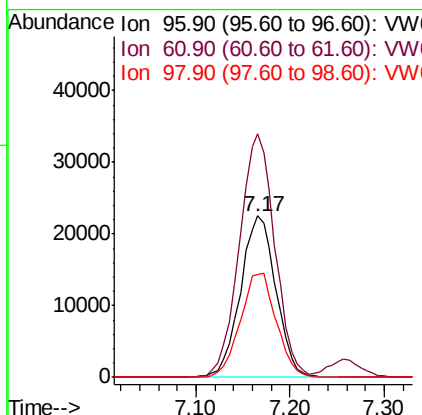
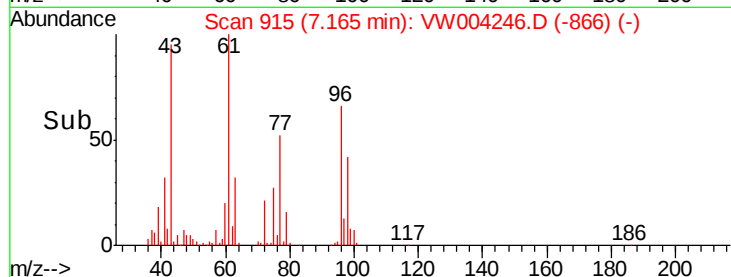
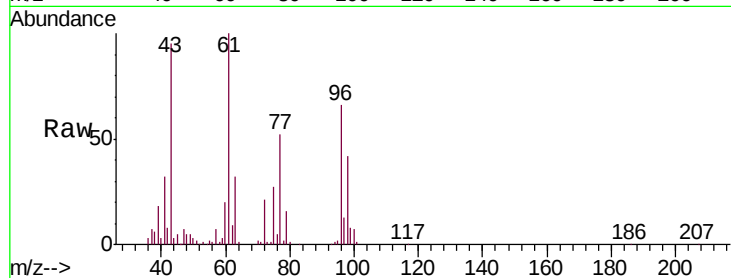
#27
 cis-1,2-Dichloroethene
 Concen: 21.340 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	298.6
98	65.4	0.0	130.4

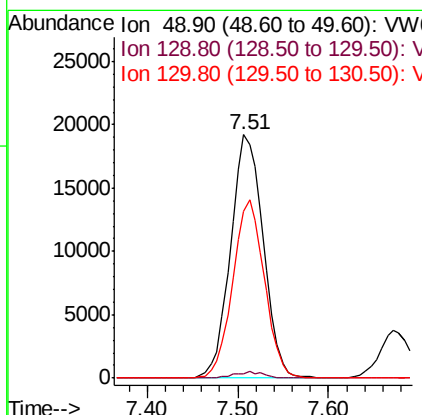
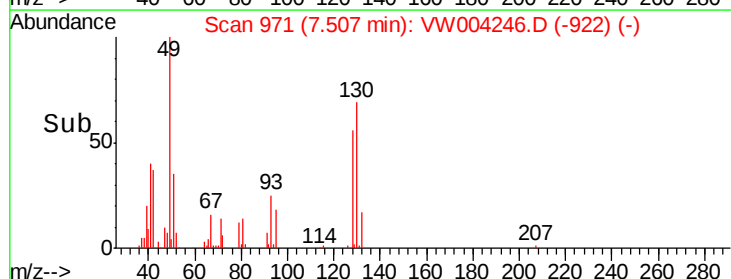
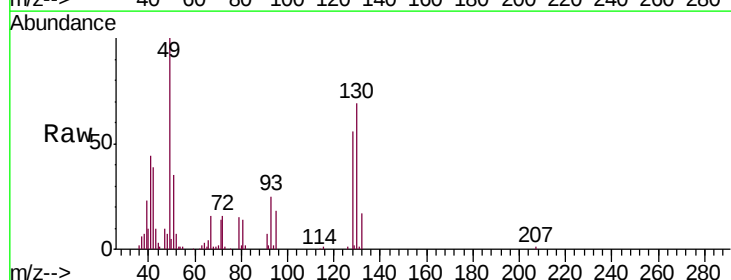
Manual Integrations
 APPROVED

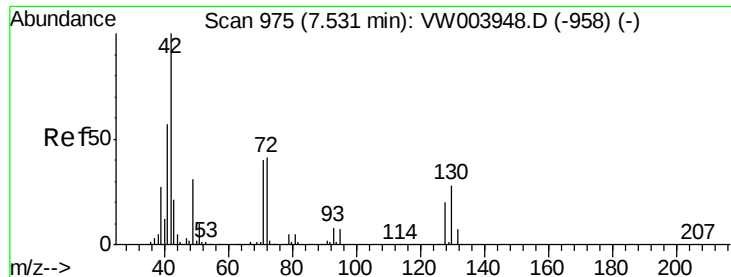
apatel
 7/27/2018 12:36:53 PM



#28
 Bromochloromethane
 Concen: 24.751 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	71.0	58.3	87.5





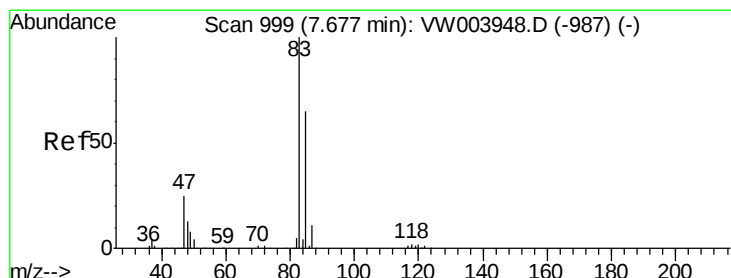
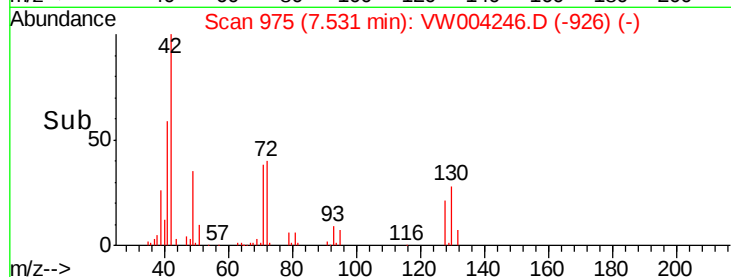
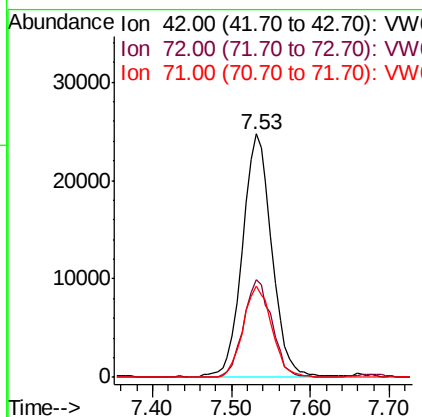
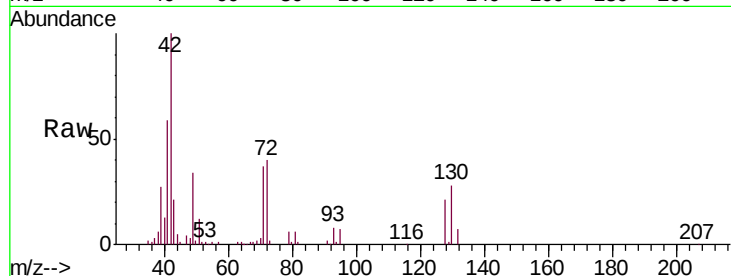
#29
Tetrahydrofuran
Concen: 118.539 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	32.6	48.8
71	36.7	30.5	45.7

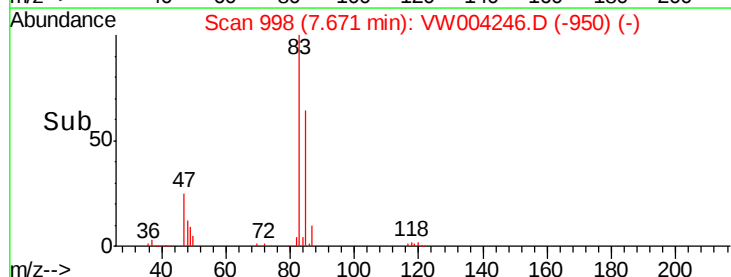
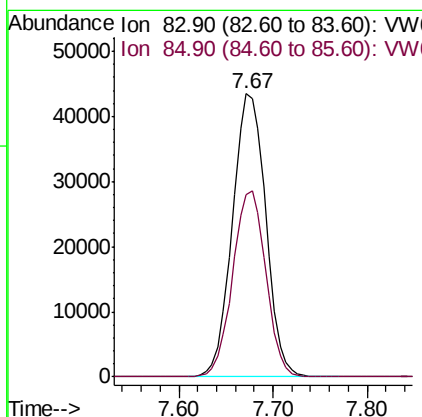
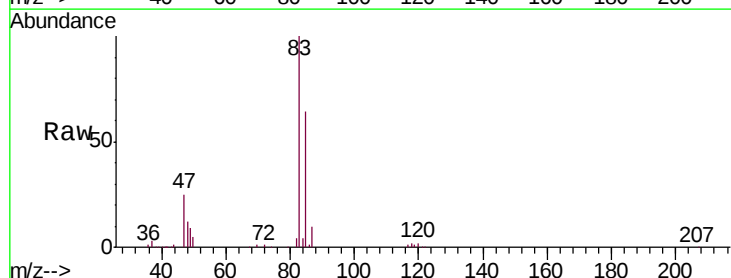
Manual Integrations
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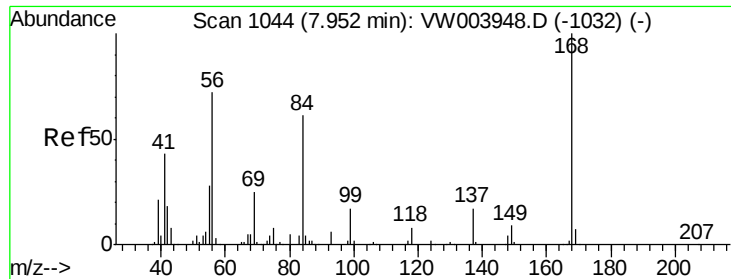
apatel
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#30
Chloroform
Concen: 22.602 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4





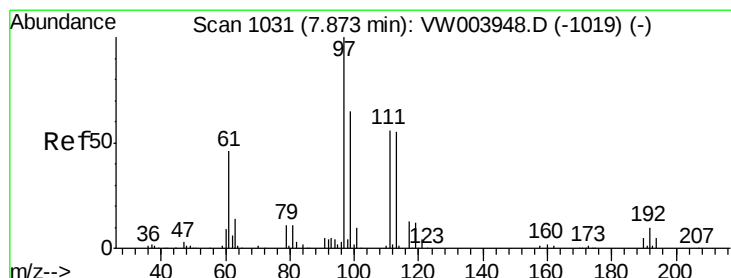
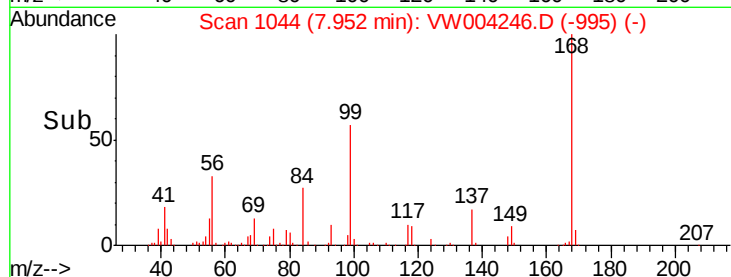
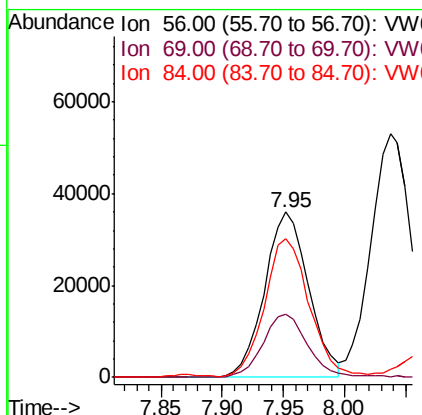
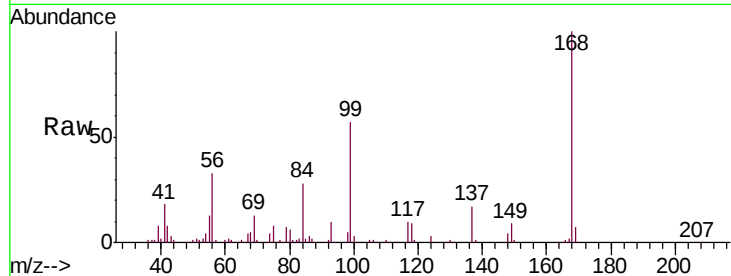
#31
Cyclohexane
Concen: 20.177 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	27.8	41.8
84	82.5	67.2	100.8

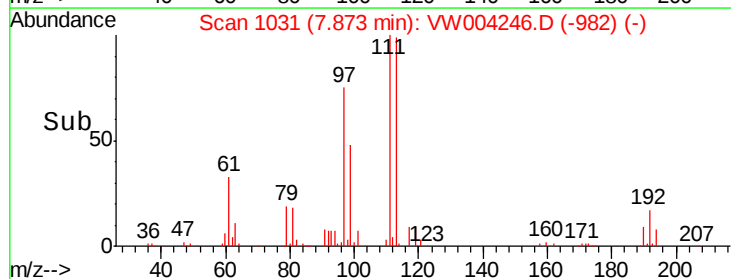
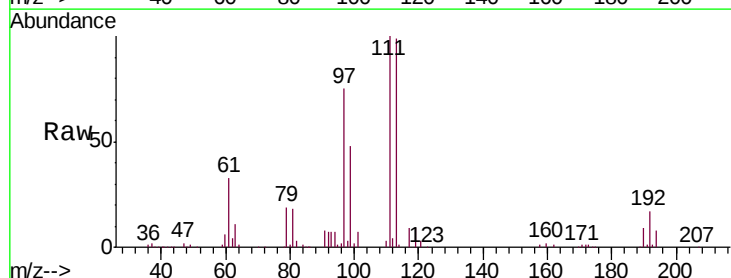
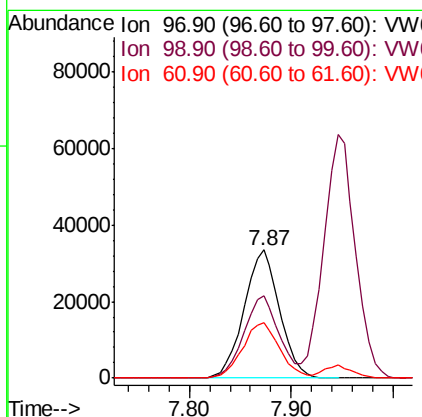
Manual Integrations
APPROVED

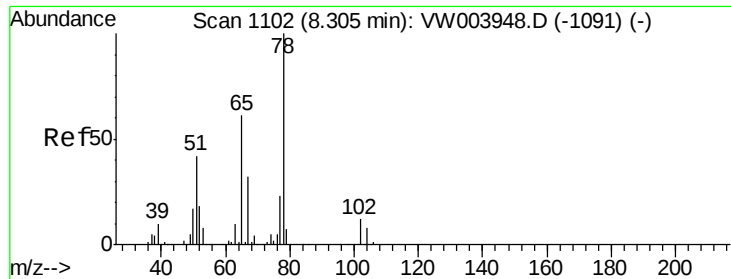
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.852 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	44.9	36.8	55.2





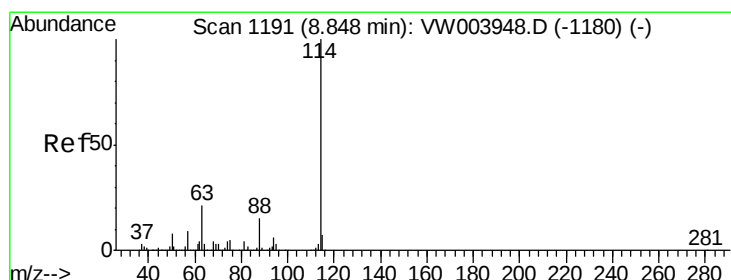
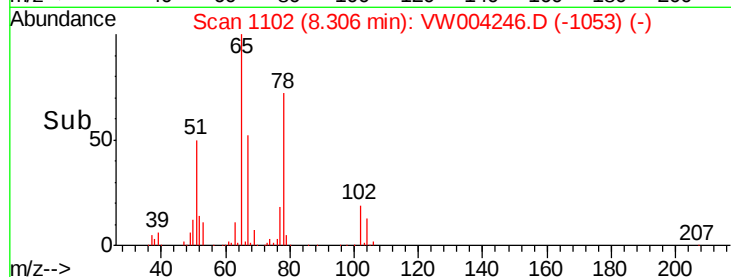
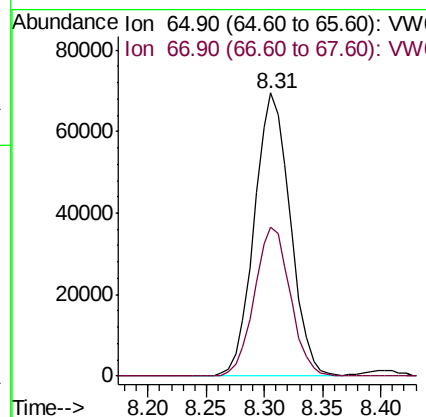
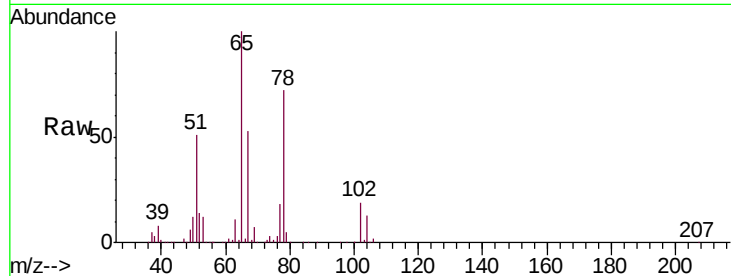
#33
 1,2-Dichloroethane-d4
 Concen: 55.482 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0

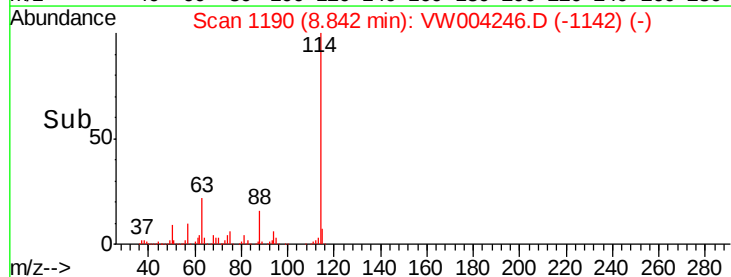
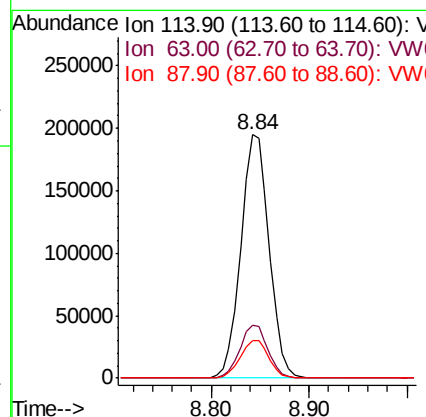
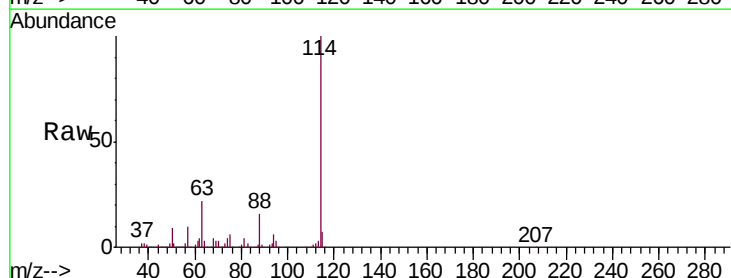
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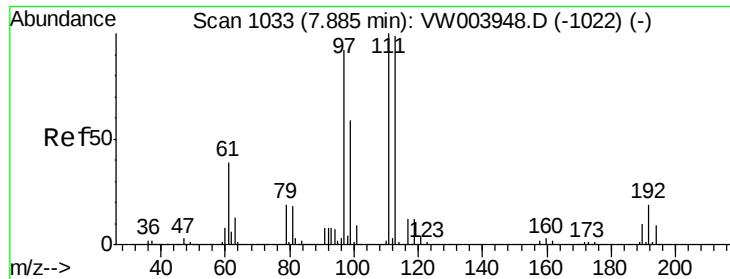
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.8
88	15.6	0.0	30.4





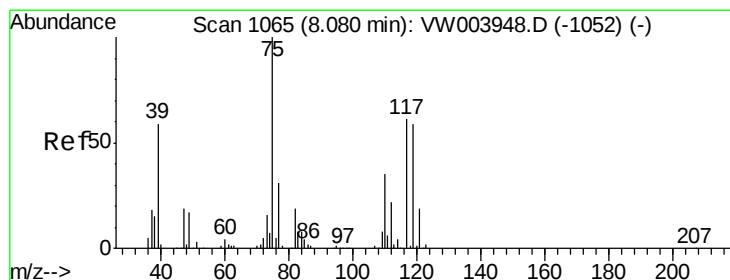
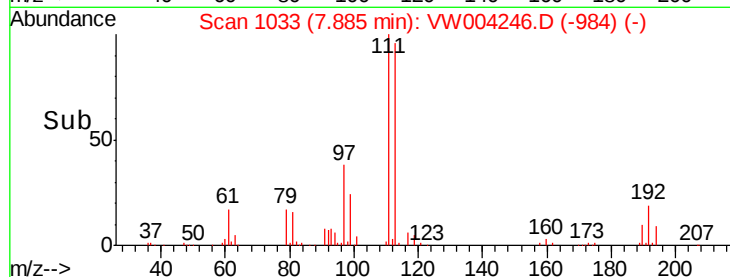
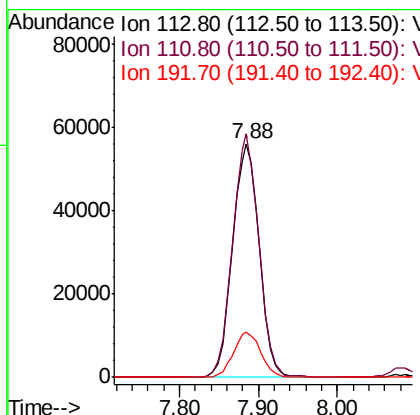
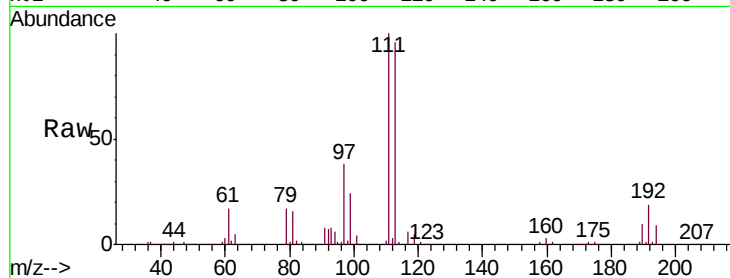
#35
 Dibromofluoromethane
 Concen: 52.751 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	81.3	121.9	
192	19.6	15.8	23.6	

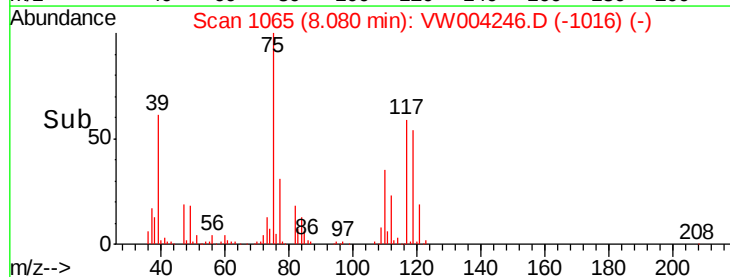
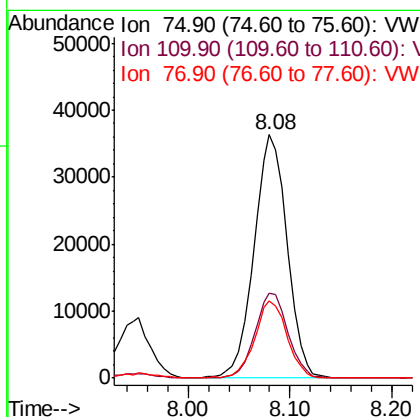
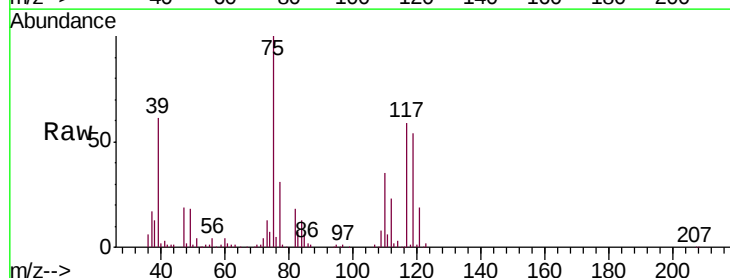
Manual Integrations
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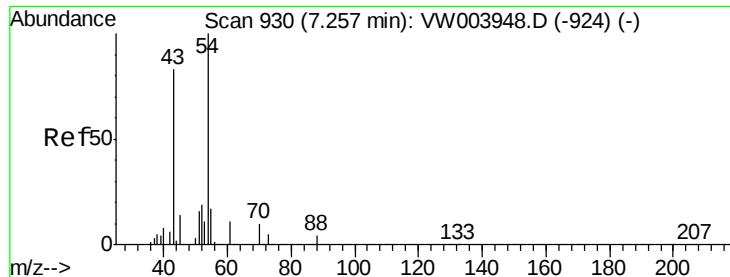
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.555 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.8	17.0	51.0	
77	31.1	24.9	37.3	





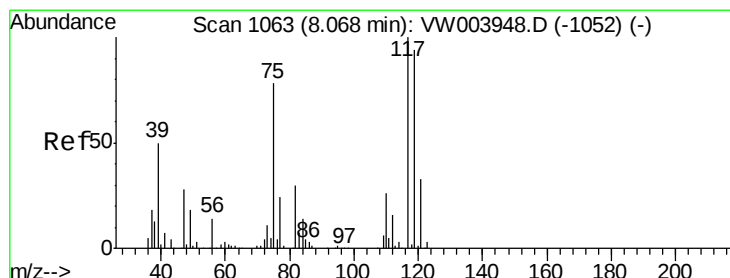
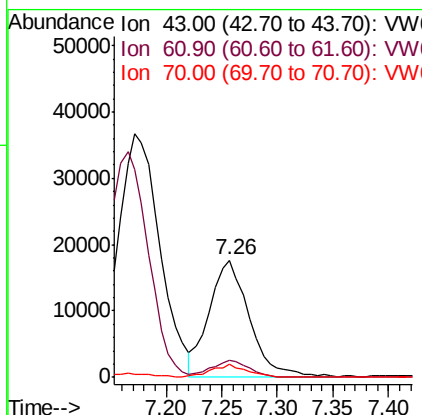
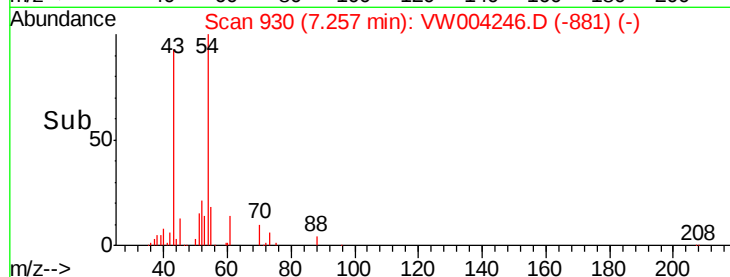
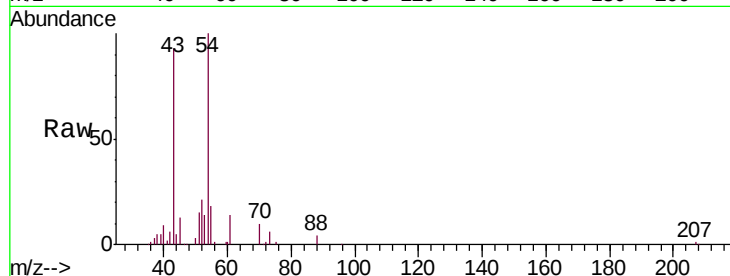
#37
Ethyl Acetate
Concen: 22.783 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleID :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	9.9	7.7	11.5

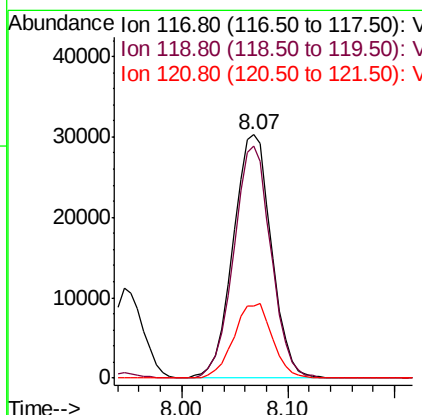
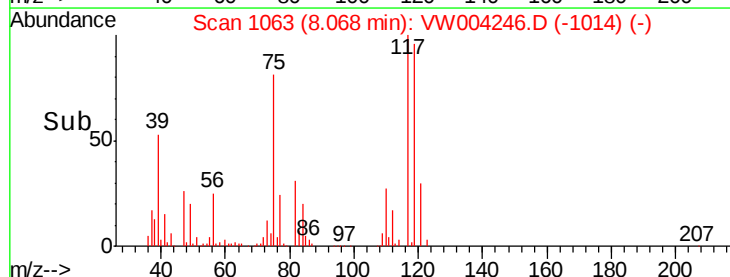
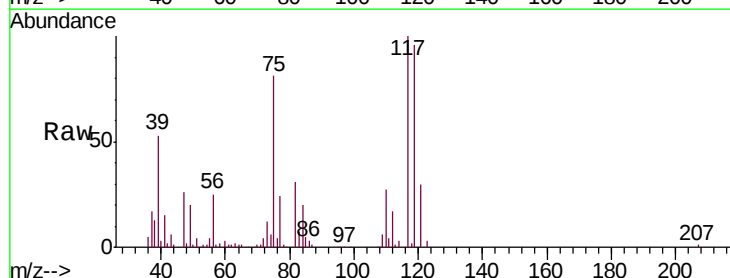
Manual Integrations
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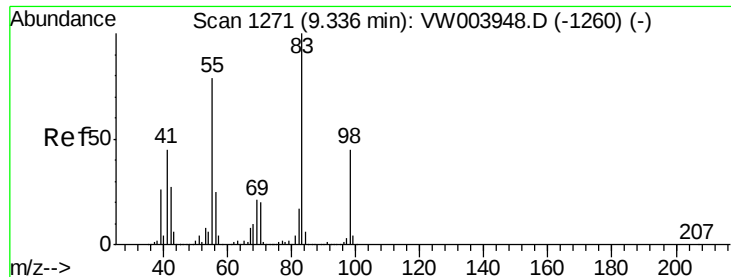
apatel
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#38
Carbon Tetrachloride
Concen: 20.447 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.3	112.9
121	29.7	26.0	39.0





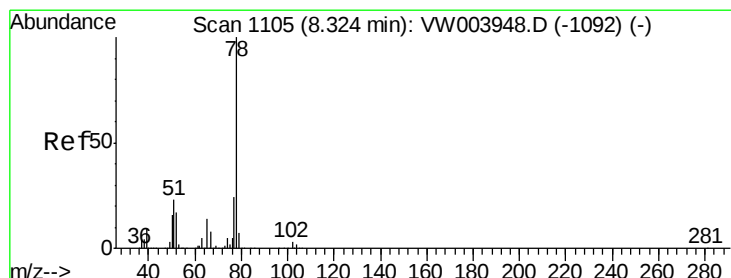
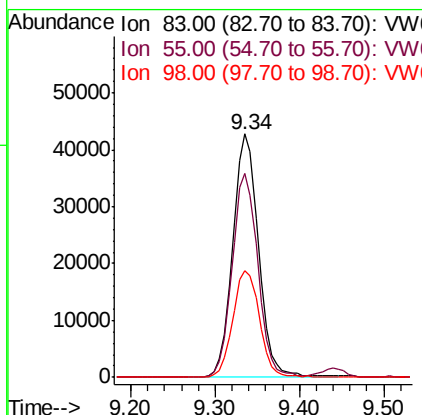
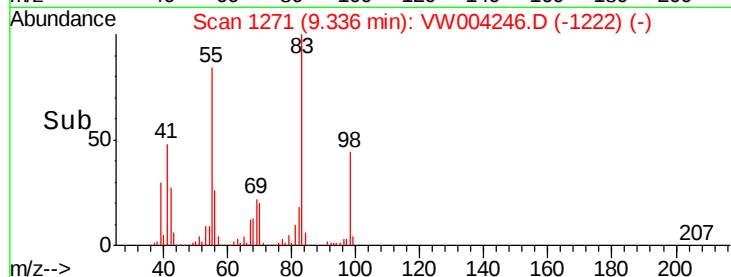
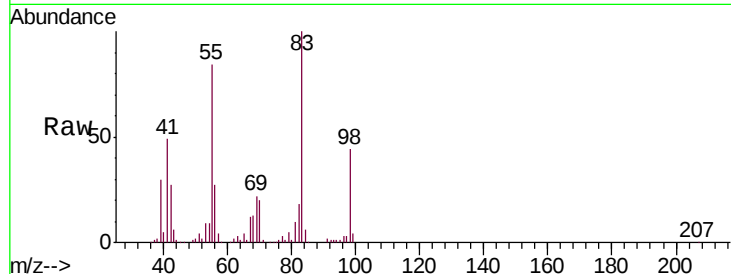
#39
Methvlcvclohexane
Concen: 18.897 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.0	62.8	94.2
98	43.8	36.2	54.4

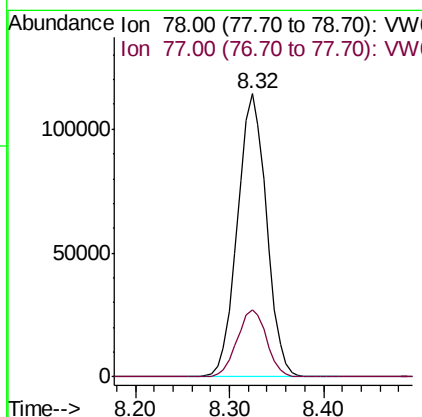
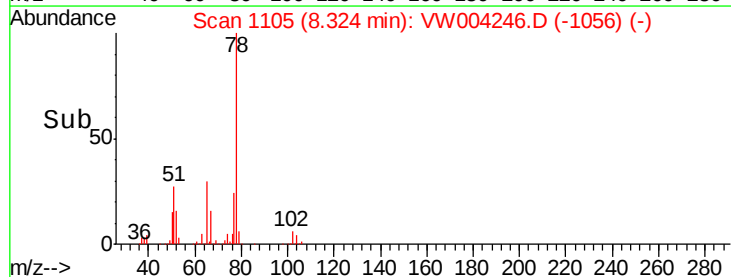
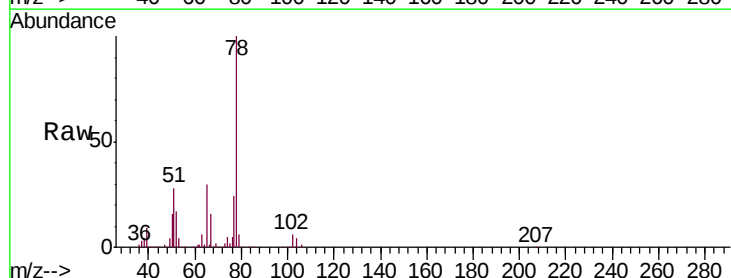
Manual Integrations
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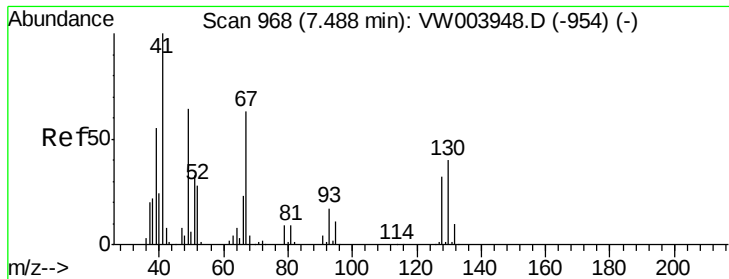
apatel
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#40
Benzene
Concen: 22.227 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





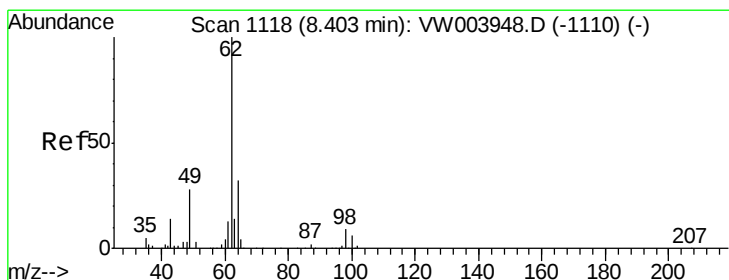
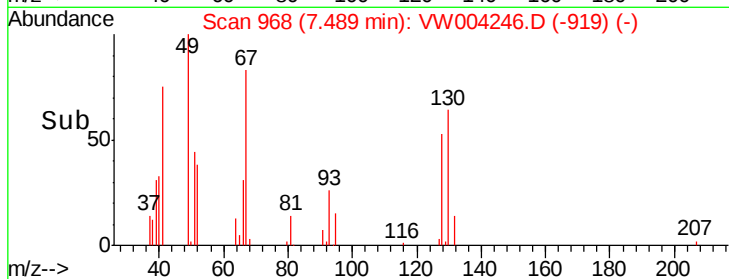
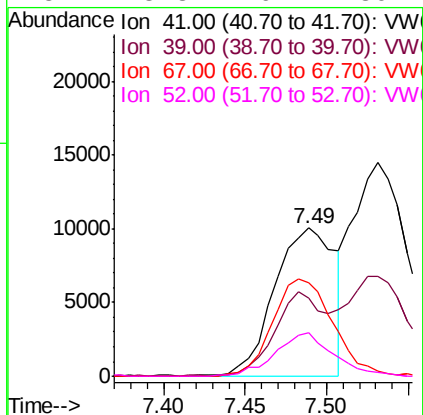
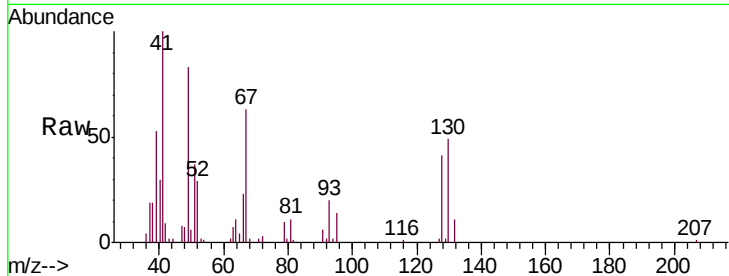
#41
Methacrylonitrile
Concen: 24.308 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		25955		
39	46.5	50.0	75.0#		
67	65.3	60.8	91.2		
52	28.3	26.2	39.4		

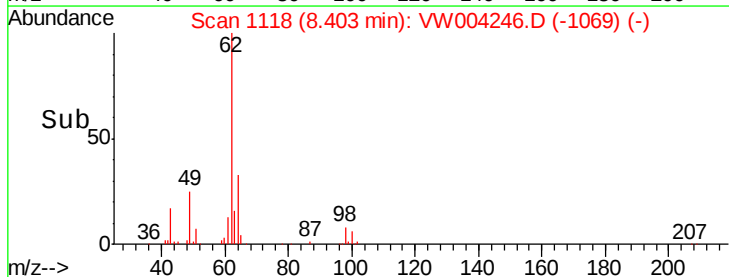
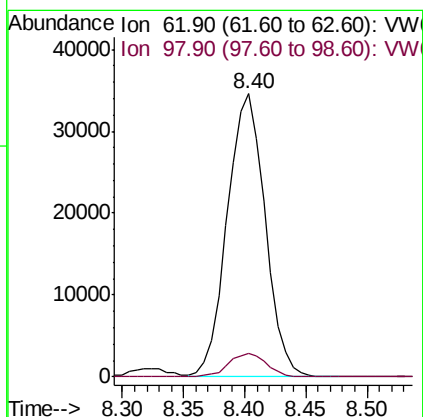
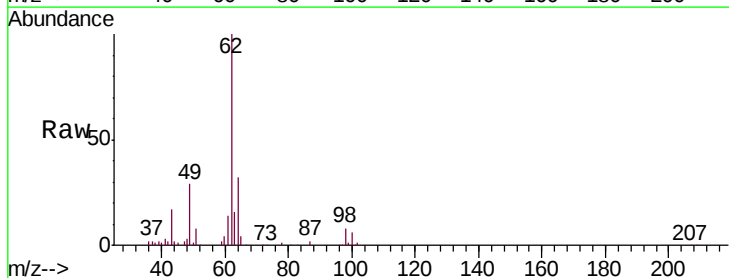
Manual Integrations
APPROVED

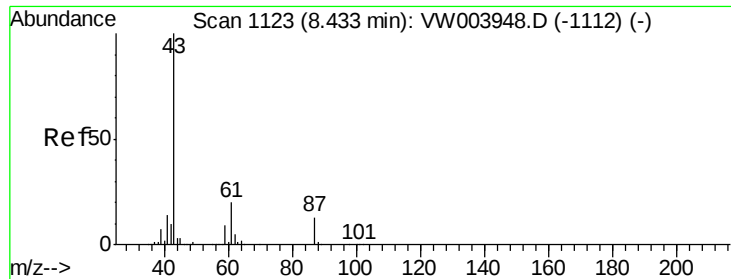
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#42
1,2-Dichloroethane
Concen: 21.955 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		74243		
98	8.4	0.0	17.4		





#43

Isopropyl Acetate

Concen: 21.923 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

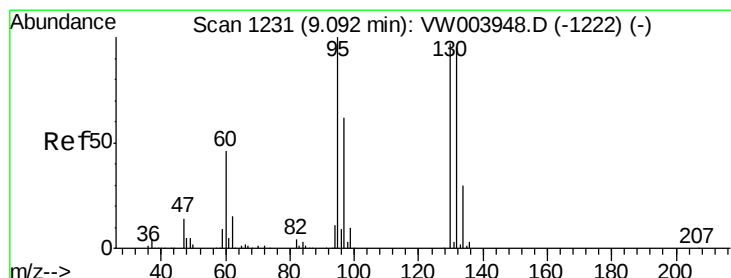
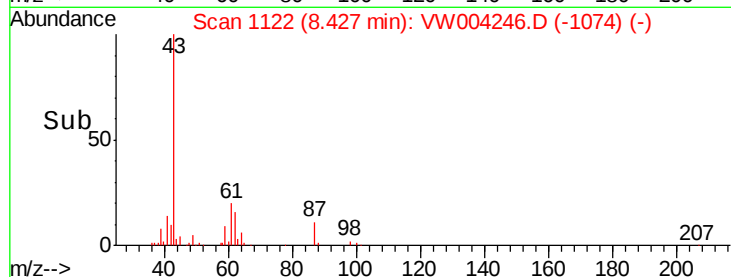
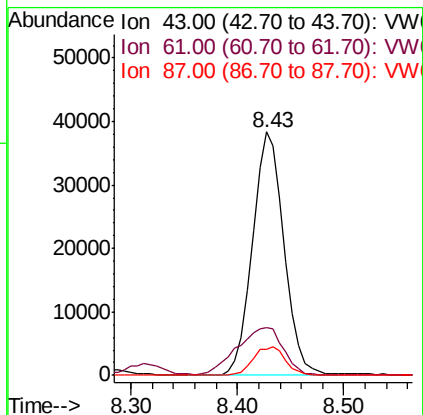
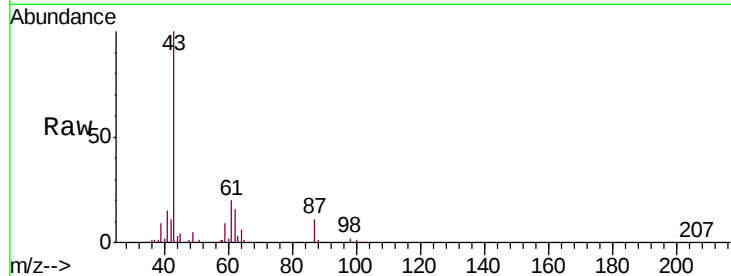
ClientSampleID :

VW0728SBS01

Tot Ion:	43	Resp:	79017
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.0	34.6
87	12.2	9.9	14.9

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#44

Trichloroethene

Concen: 20.913 ug/l

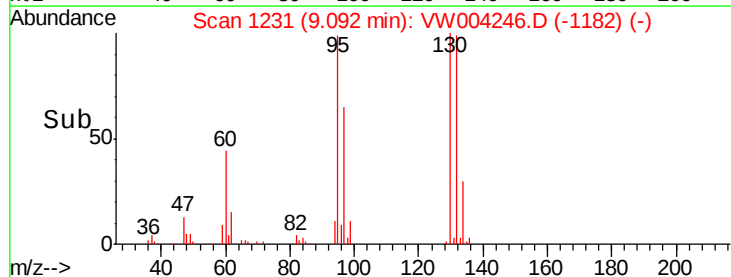
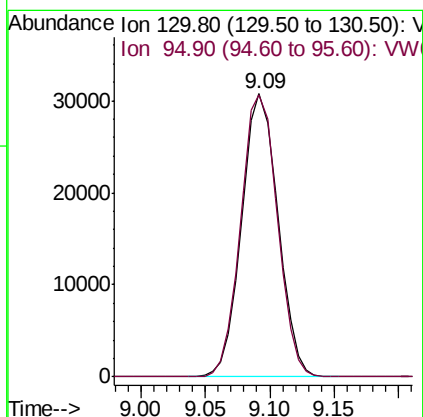
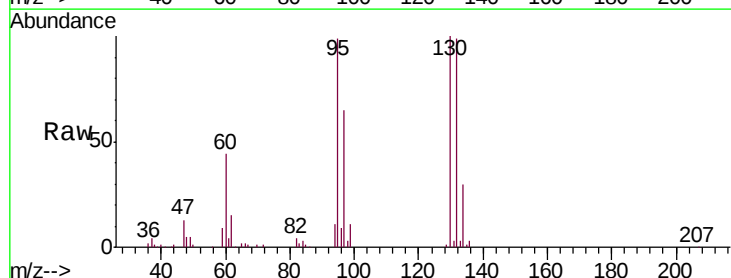
RT: 9.09 min Scan# 1231

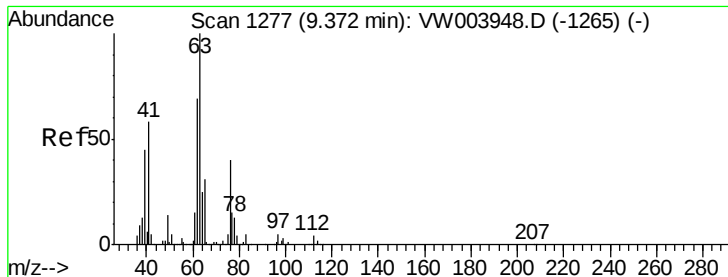
Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion:	130	Resp:	60087
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	206.8





#45

1,2-Dichloropropane

Concen: 22.769 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 63 Resp: 64415

Ion Ratio Lower Upper

63 100

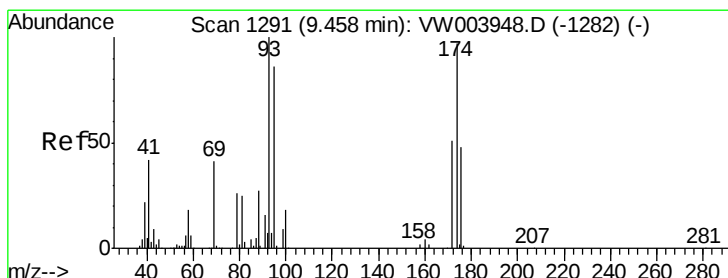
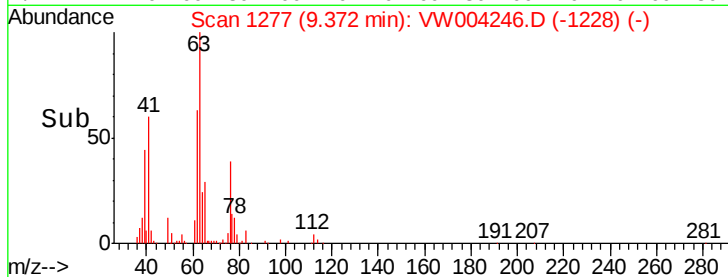
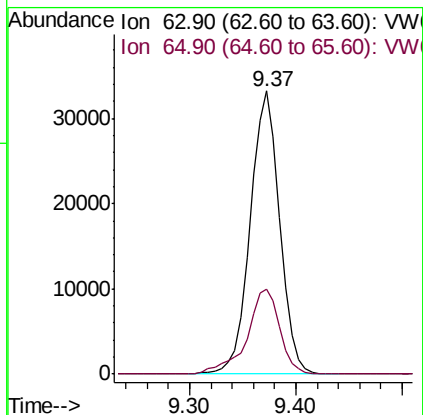
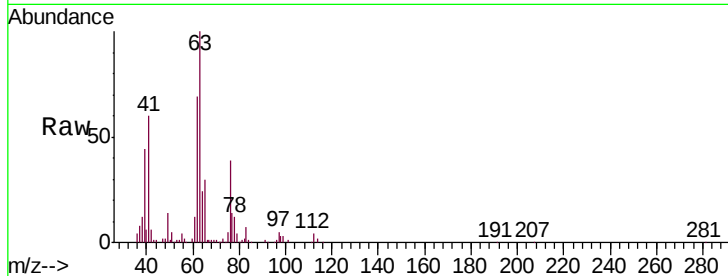
65 29.9 24.8 37.2

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#46

Dibromomethane

Concen: 22.567 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

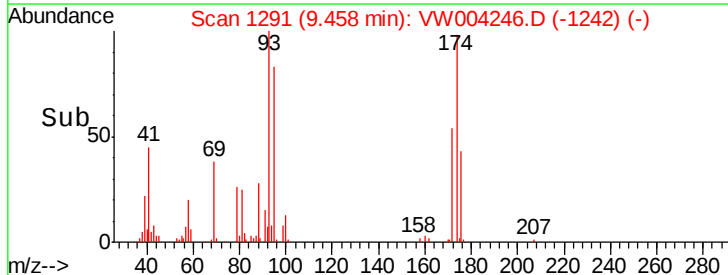
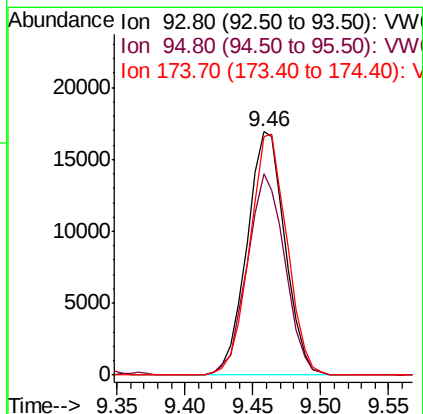
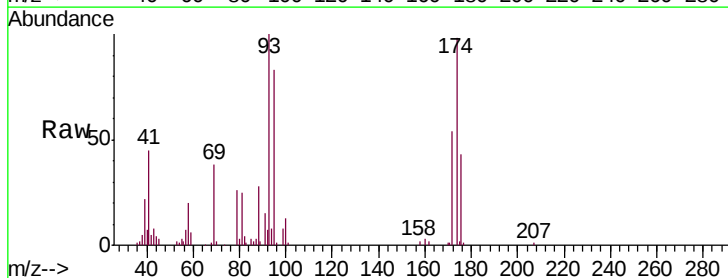
Tgt Ion: 93 Resp: 33128

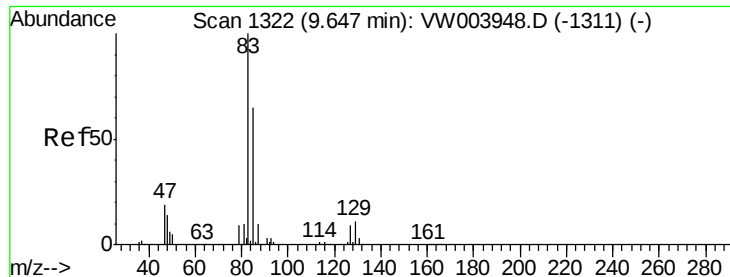
Ion Ratio Lower Upper

93 100

95 82.5 66.9 100.3

174 97.2 80.2 120.2





#47

Bromodichloromethane

Concen: 21.787 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

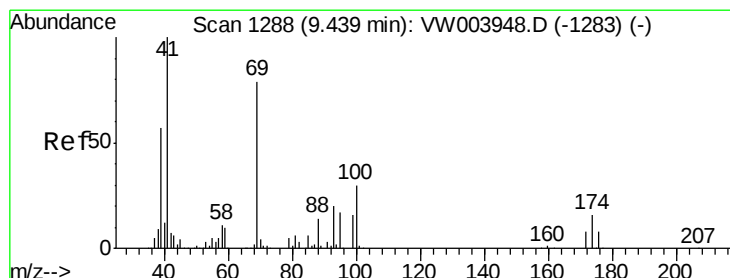
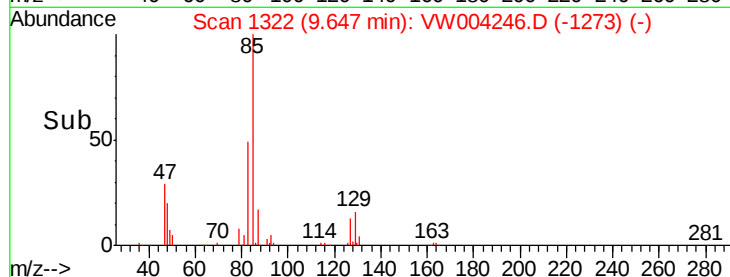
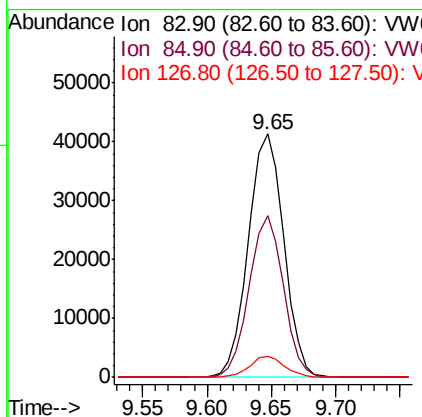
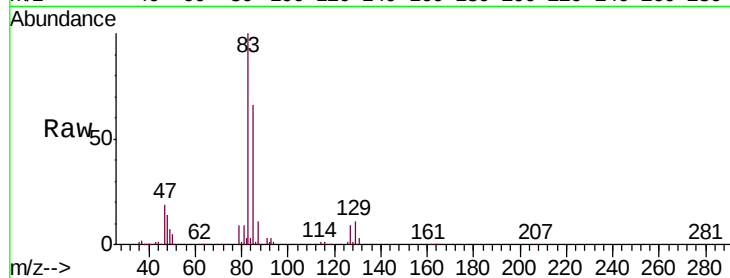
VW0728SBS01

Tot Ion:	83	Resp:	78847
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.2	78.2
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 21.200 ug/l

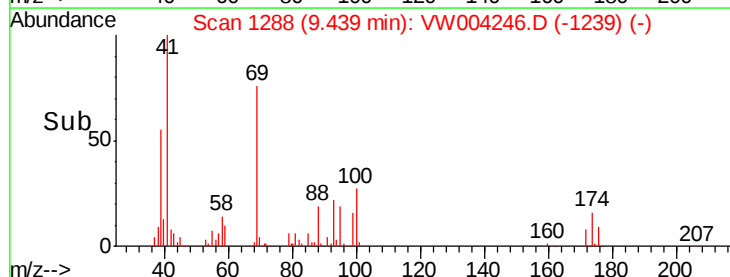
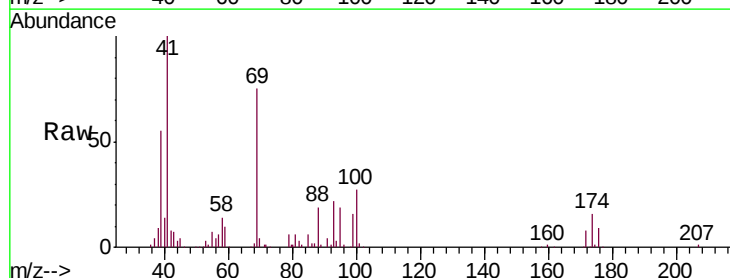
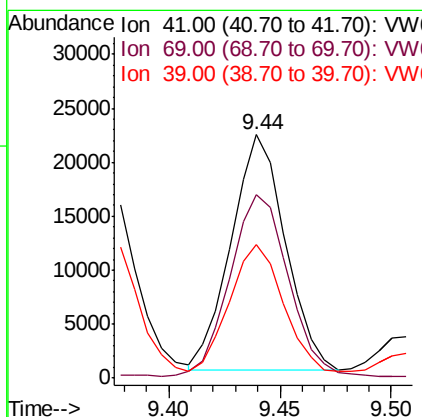
RT: 9.44 min Scan# 1288

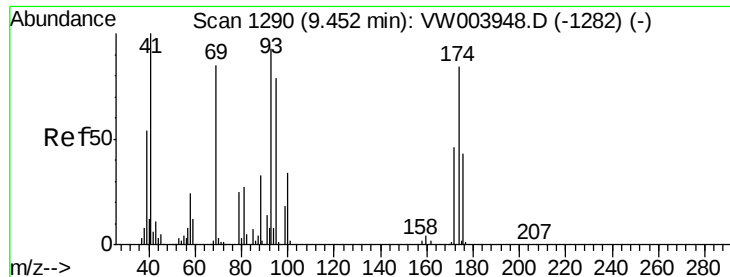
Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion:	41	Resp:	36954
Ion	Ratio	Lower	Upper
41	100		
69	86.4	67.0	100.6
39	58.8	48.8	73.2





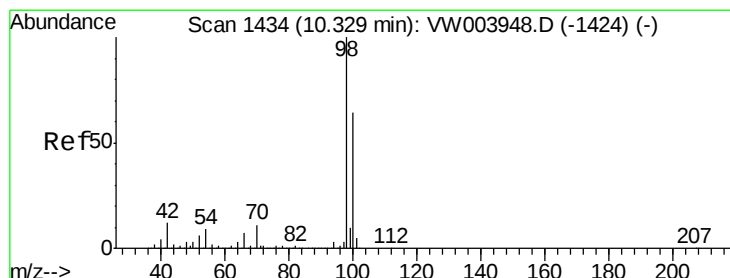
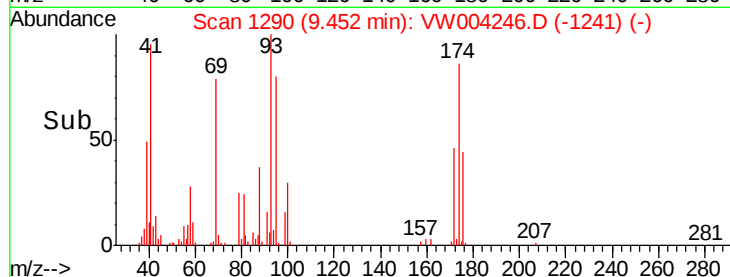
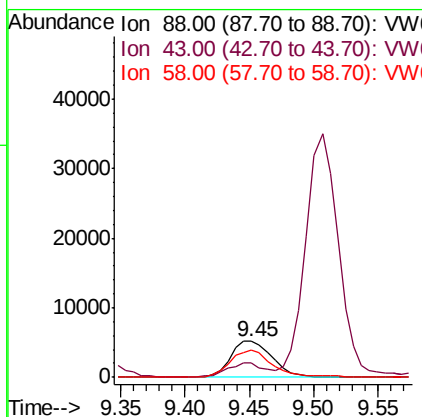
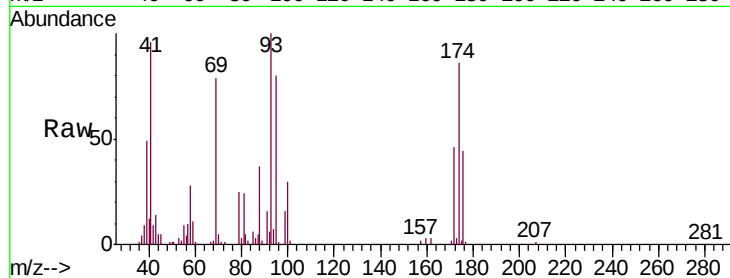
#49
1,4-Dioxane
Concen: 514.147 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.3	40.9
58	75.2	61.1	91.7

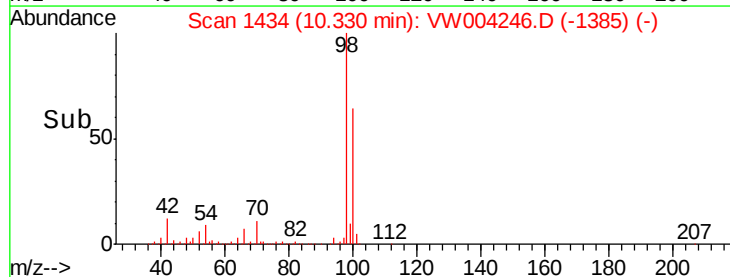
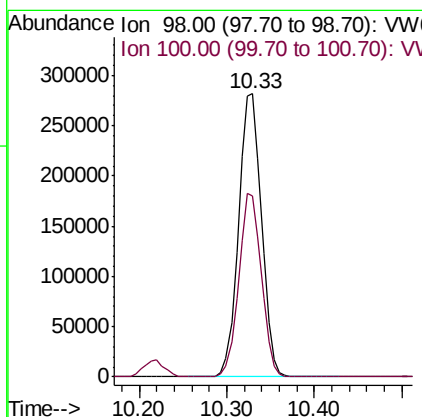
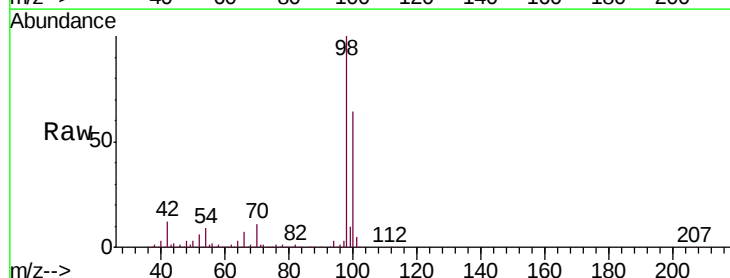
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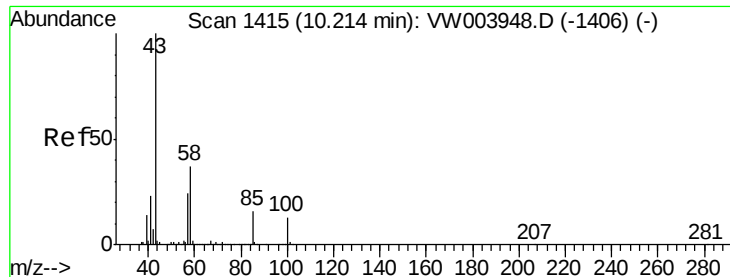
apatel
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#50
Toluene-d8
Concen: 52.918 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 112.587 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

VW0728SBS01

Tot Ion: 43 Resp: 216191

Ion Ratio Lower Upper

43 100

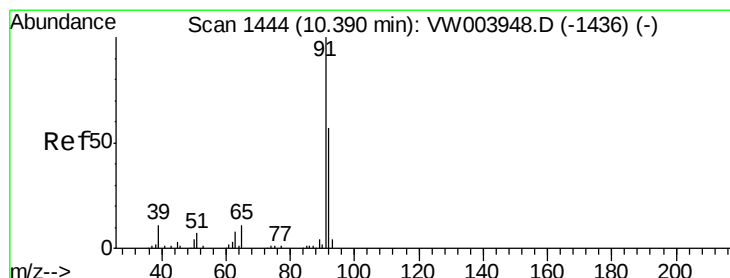
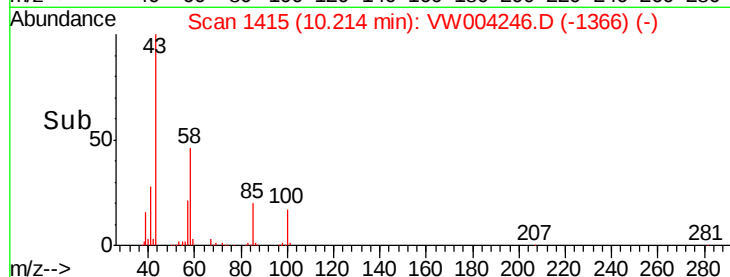
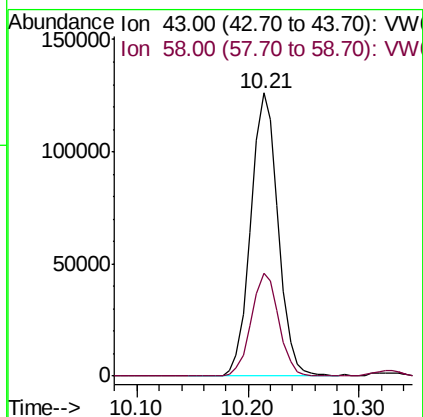
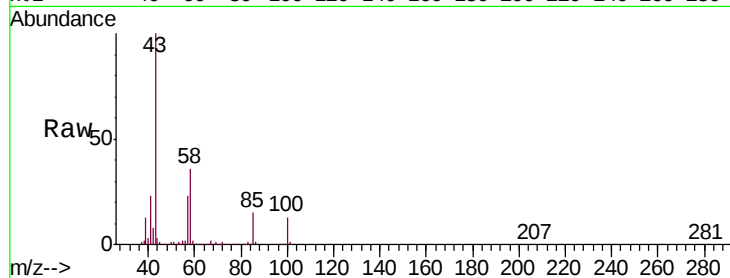
58 36.7 29.9 44.9

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#52

Toluene

Concen: 21.963 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004246.D

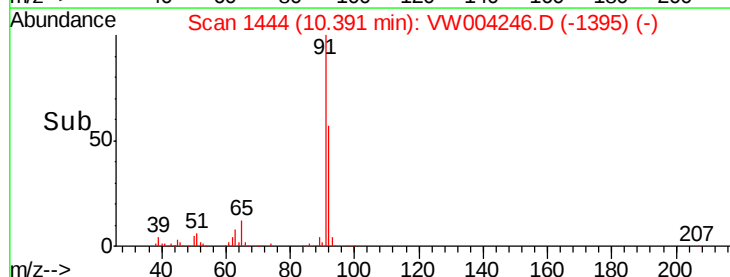
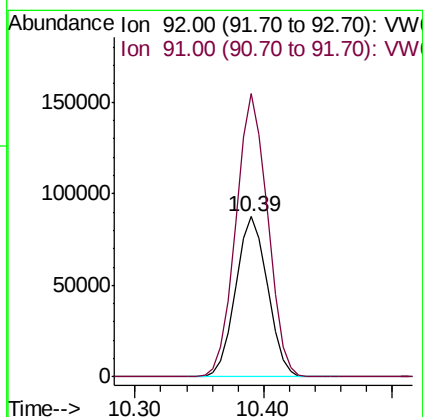
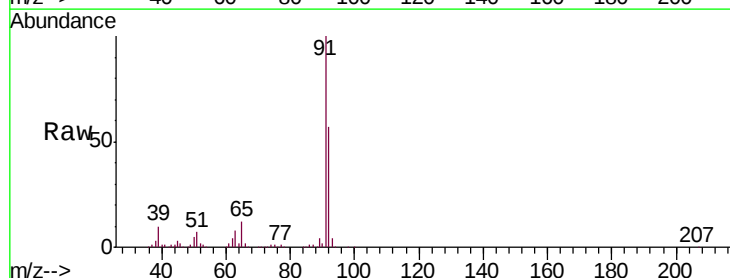
Acq: 27 Jul 2018 02:26

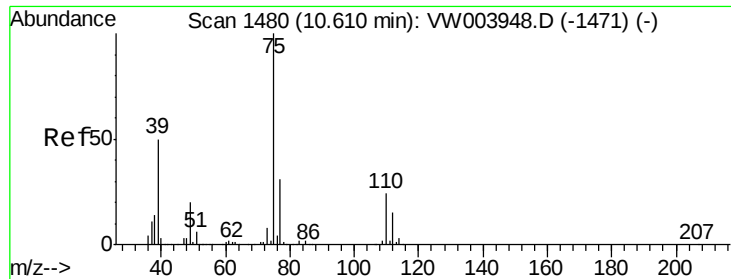
Tgt Ion: 92 Resp: 150536

Ion Ratio Lower Upper

92 100

91 175.4 139.6 209.4





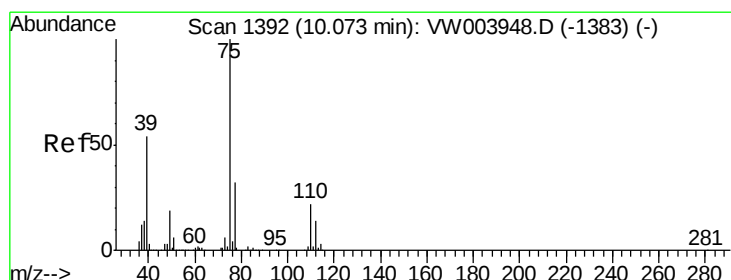
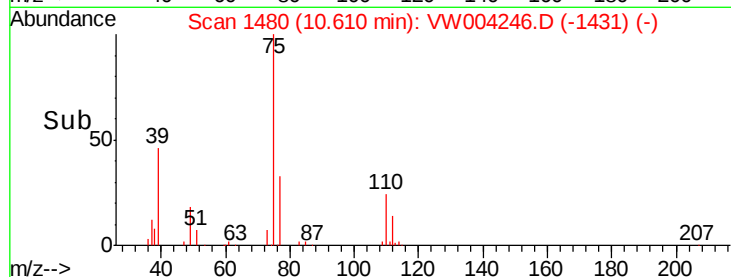
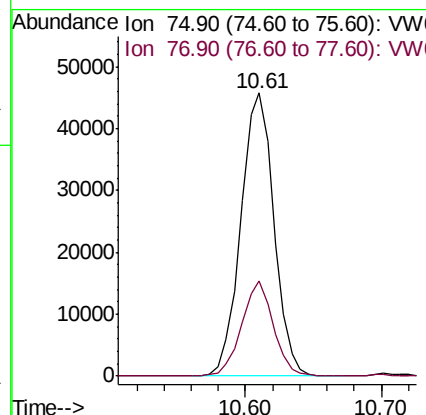
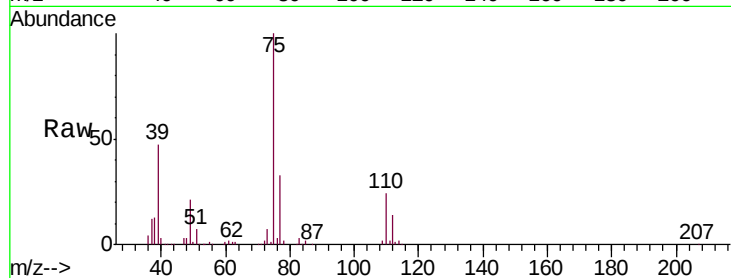
#53
t-1,3-Dichloropropene
Concen: 20.485 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :
VW0728SBSD01

Tot Ion: 75 Resp: 77522
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8

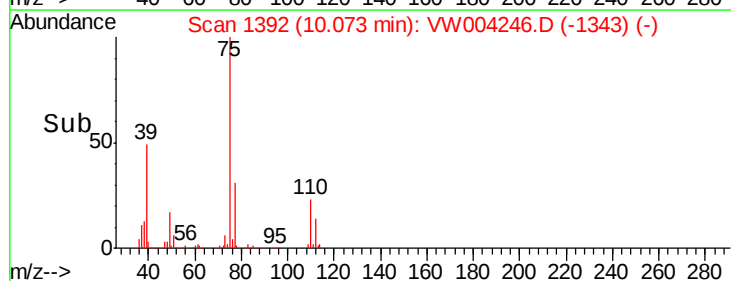
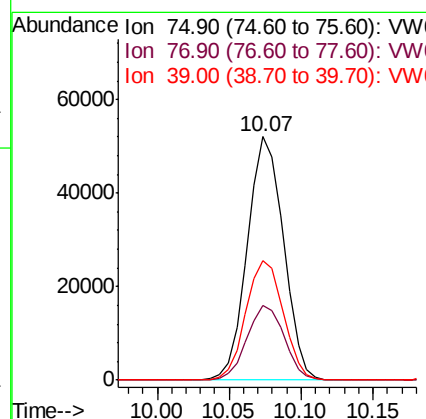
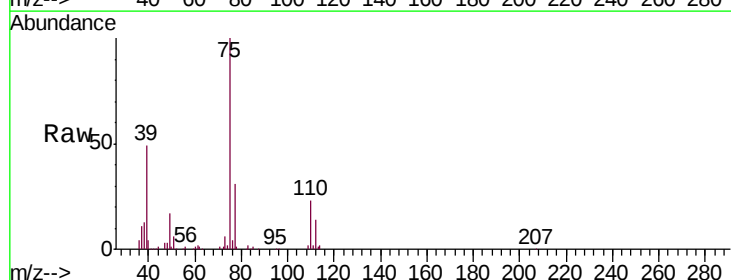
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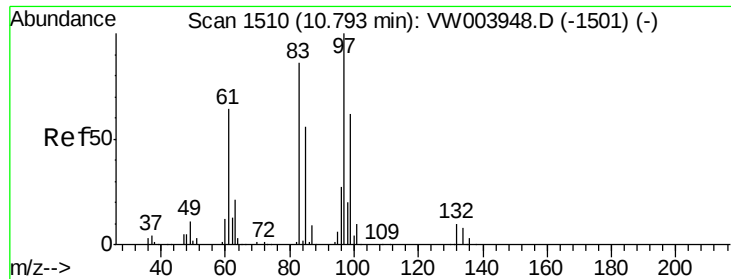
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#54
cis-1,3-Dichloropropene
Concen: 20.904 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 75 Resp: 90500
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2
39 48.9 43.0 64.6





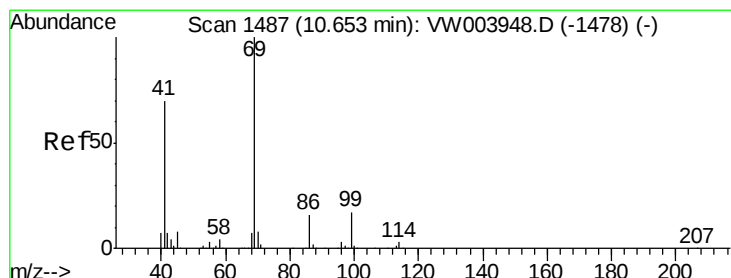
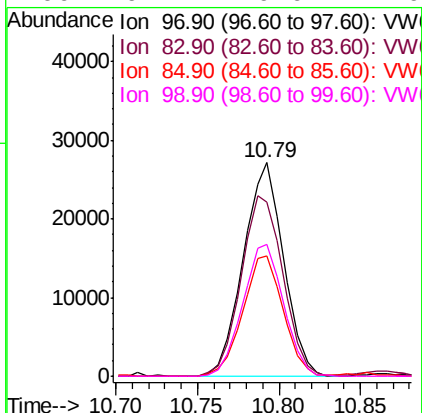
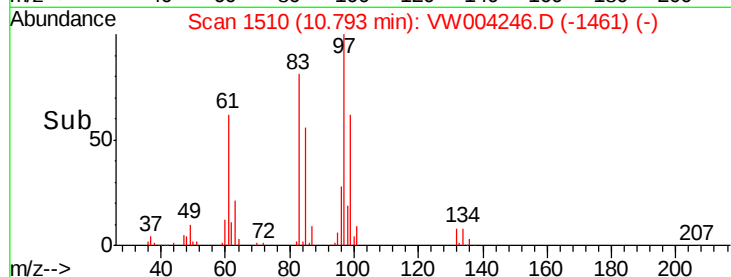
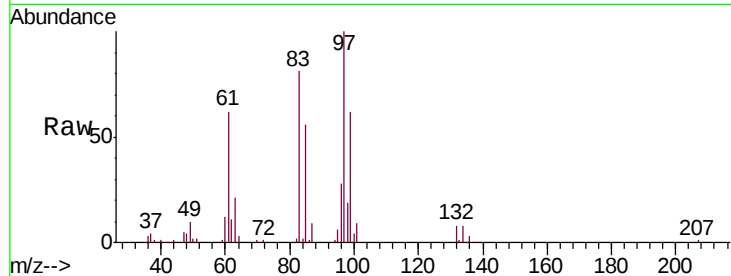
#55
 1,1,2-Trichloroethane
 Concen: 22.490 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		46433		
83	81.4	69.0	103.4		
85	56.1	45.0	67.6		
99	61.7	49.9	74.9		

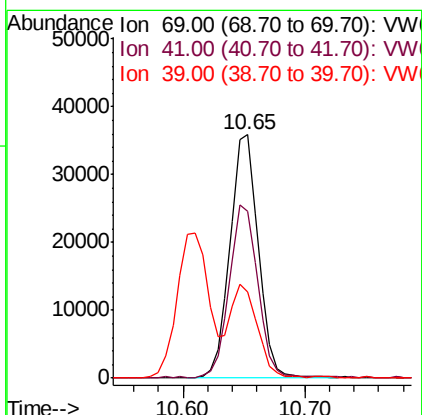
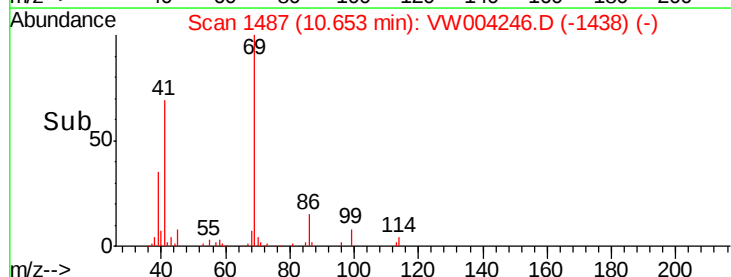
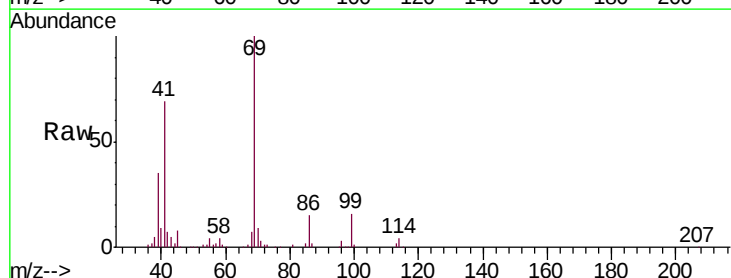
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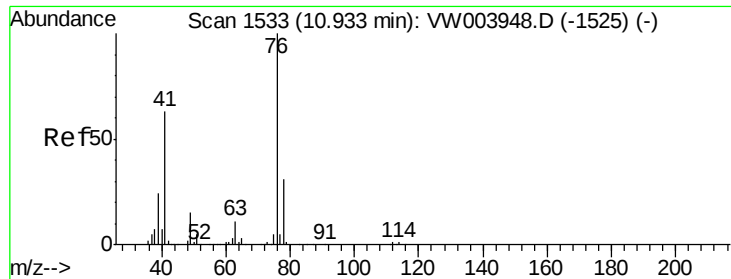
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#56
 Ethyl methacrylate
 Concen: 21.186 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		57240		
41	71.5	56.5	84.7		
39	37.9	30.2	45.4		





#57

1,3-Dichloropropane

Concen: 22.313 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 76 Resp: 80039

Ion Ratio Lower Upper

76 100

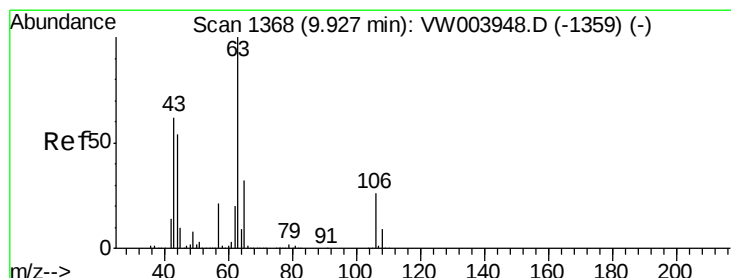
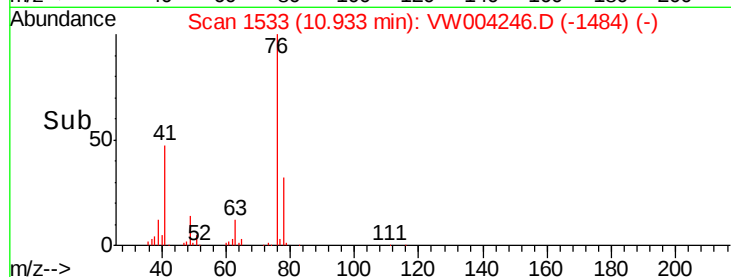
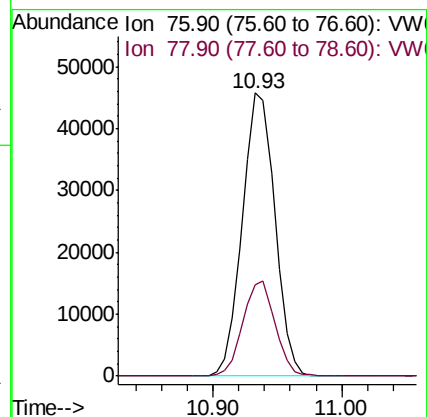
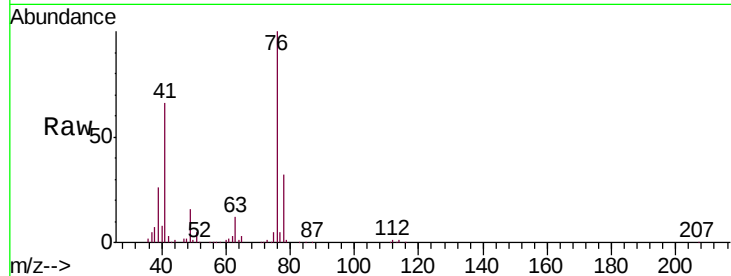
78 33.2 25.2 37.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 108.269 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004246.D

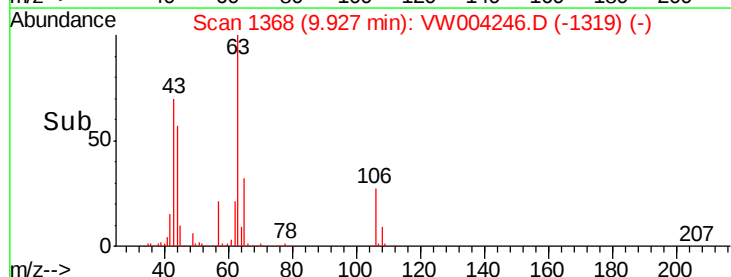
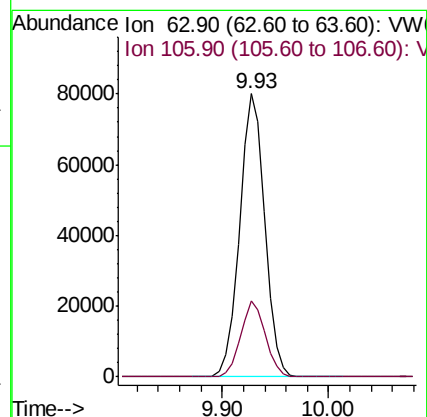
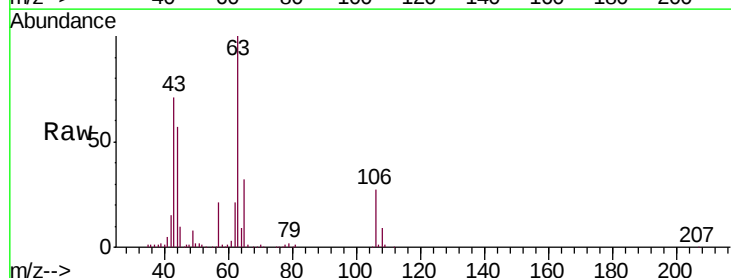
Acq: 27 Jul 2018 02:26

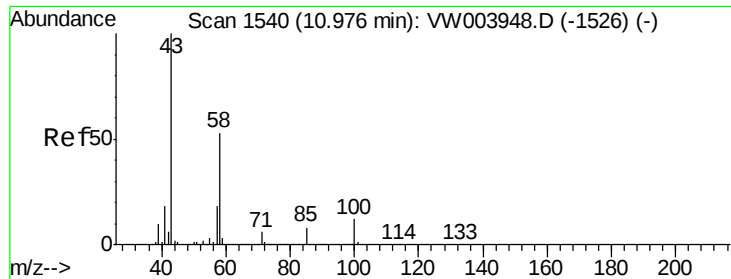
Tgt Ion: 63 Resp: 132610

Ion Ratio Lower Upper

63 100

106 26.4 21.2 31.8





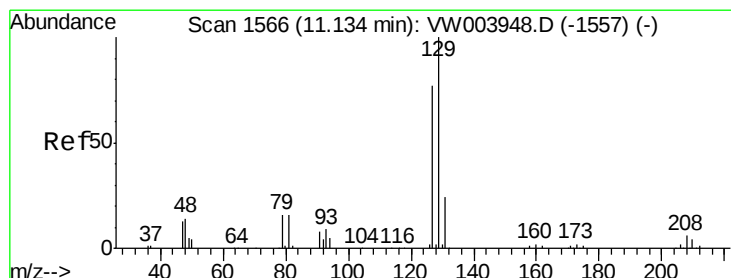
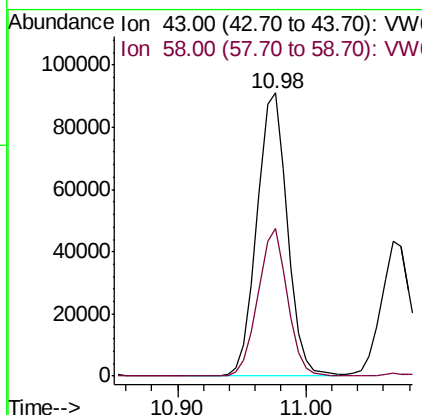
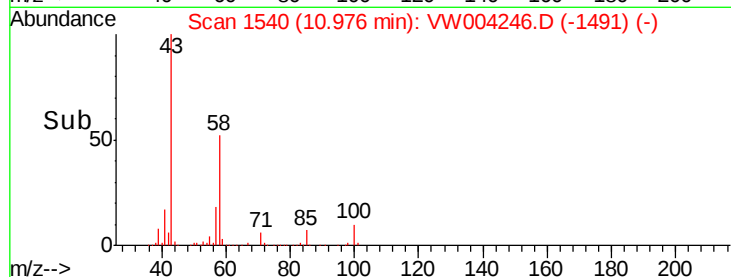
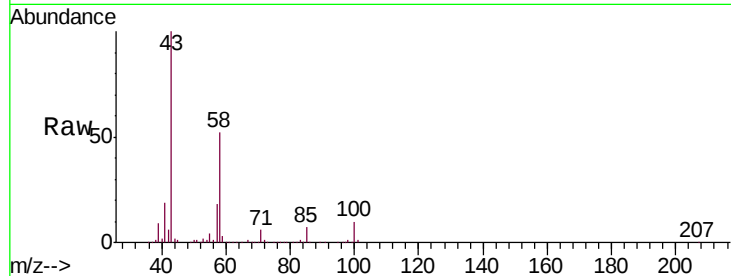
#59
2-Hexanone
Concen: 109.446 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :
VW0728SBS01

Tot Ion: 43 Resp: 148124
Ion Ratio Lower Upper
43 100
58 50.5 26.0 78.0

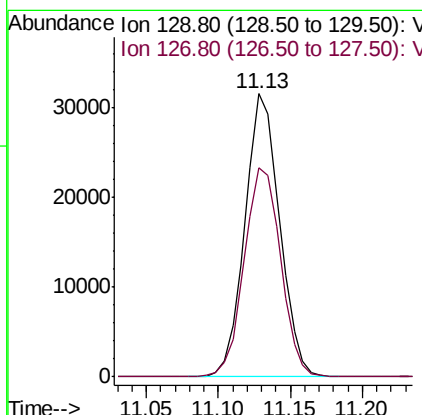
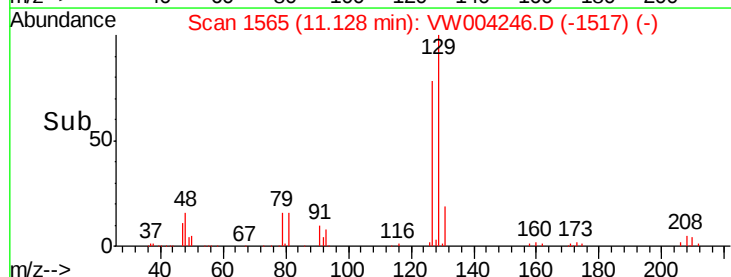
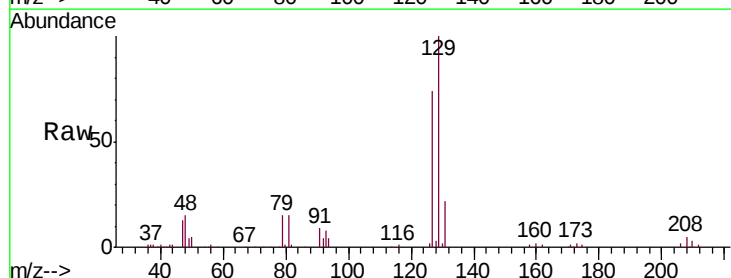
Manual Integrations
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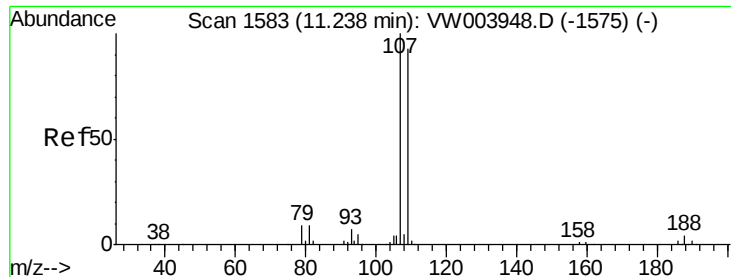
apatel
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#60
Dibromochloromethane
Concen: 21.847 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 129 Resp: 52528
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





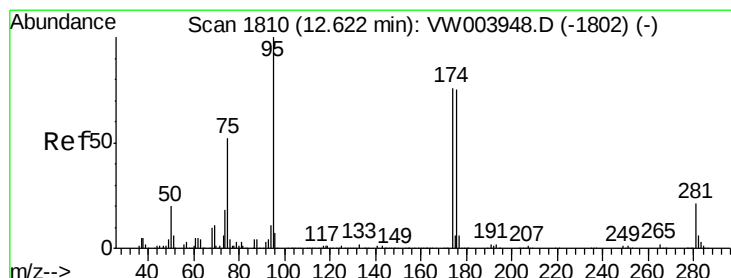
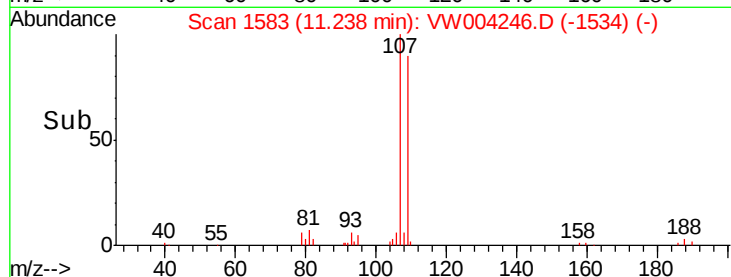
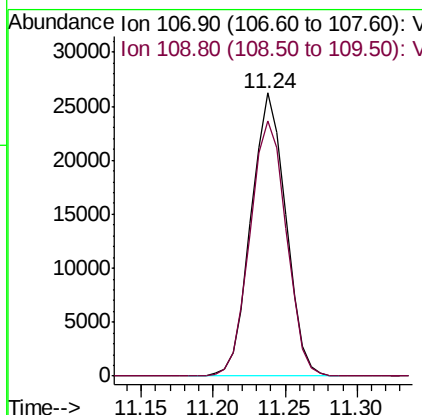
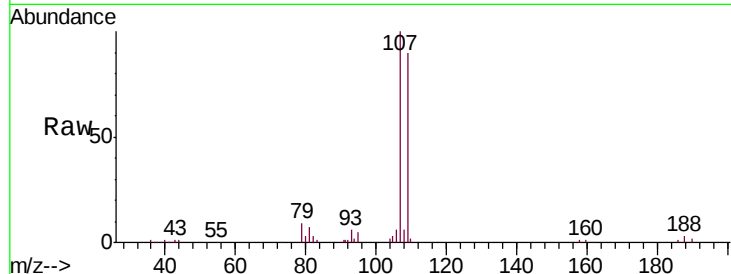
#61
 1,2-Dibromoethane
 Concen: 22.298 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion: 107 Resp: 43805
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.3 111.5

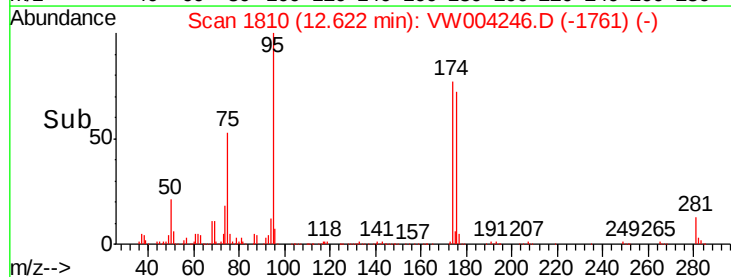
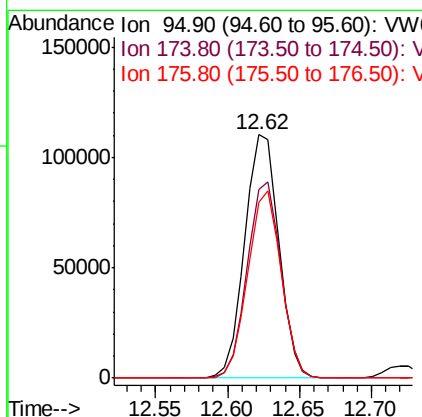
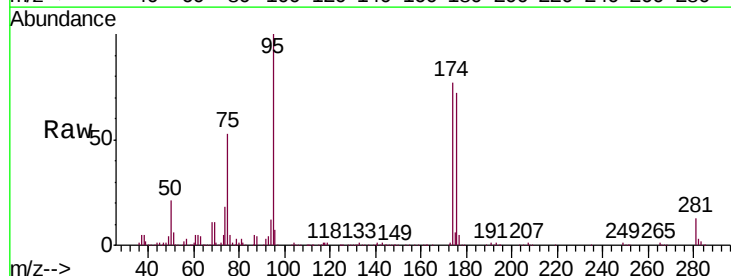
Manual Integrations
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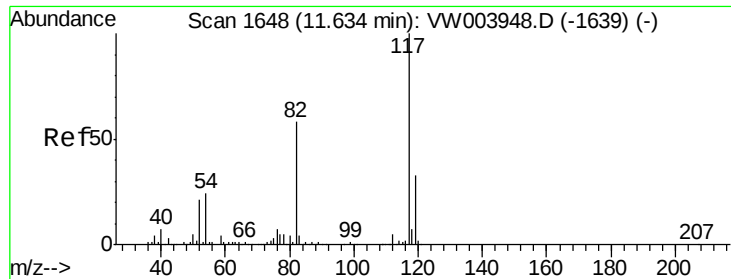
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.816 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 95 Resp: 180641
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 160.2
 176 75.2 0.0 155.8





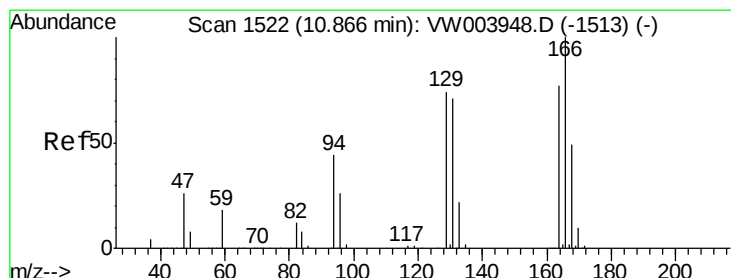
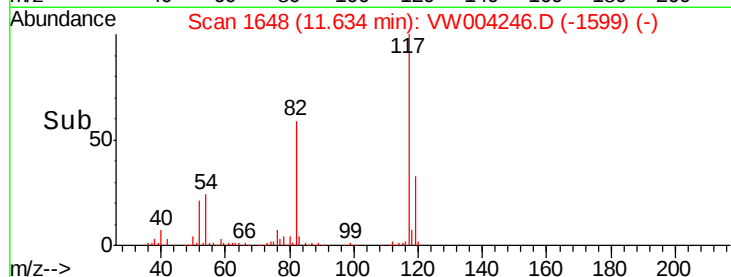
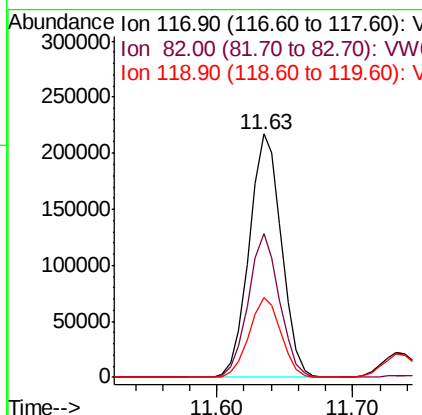
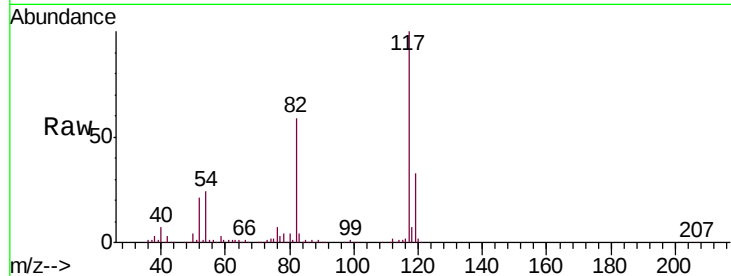
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.5	69.7
119	32.8	26.2	39.2

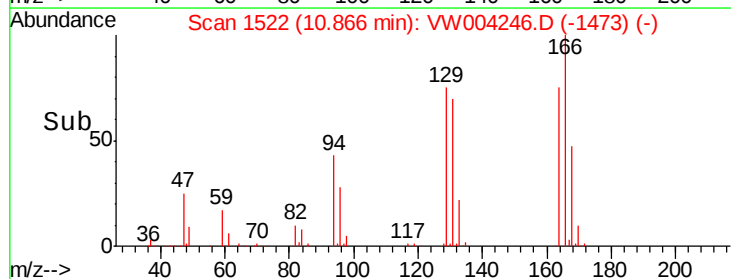
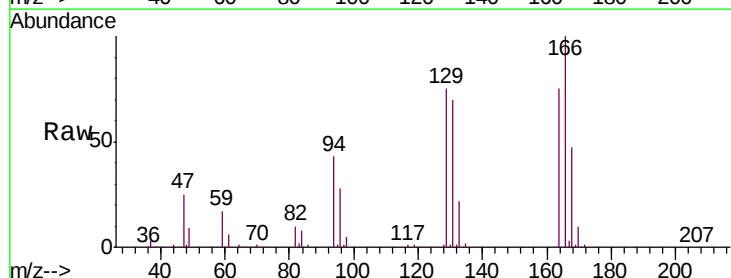
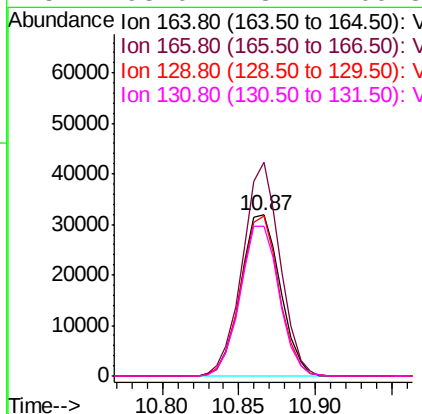
Manual Integrations
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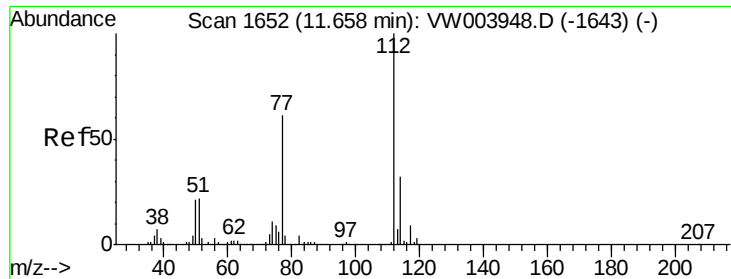
apatel
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#64
Tetrachloroethene
Concen: 23.194 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.6	103.5	155.3
129	99.7	76.8	115.2
131	93.0	73.2	109.8





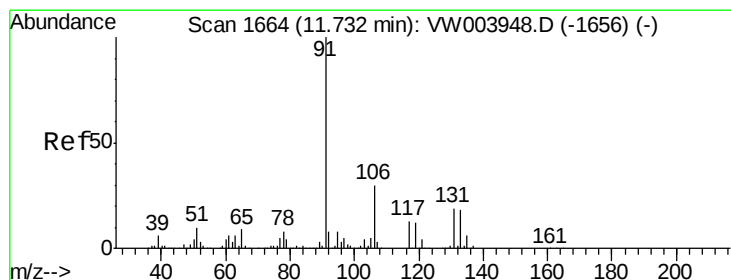
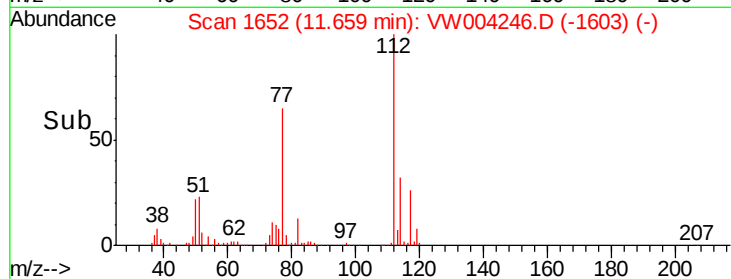
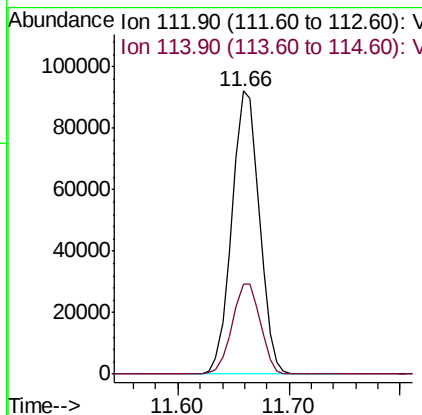
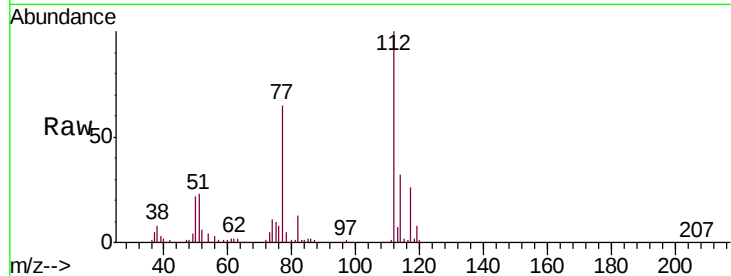
#65
Chlorobenzene
Concen: 20.517 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :
VW0728SBS01

Tot Ion:112 Resp: 157673
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8

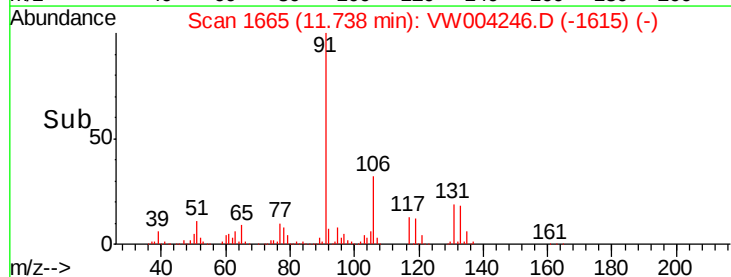
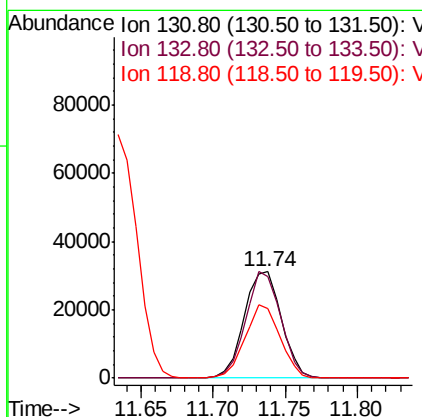
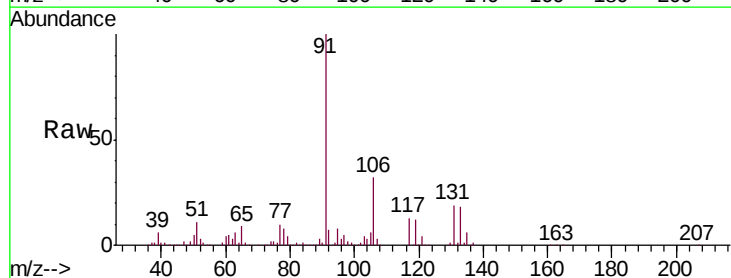
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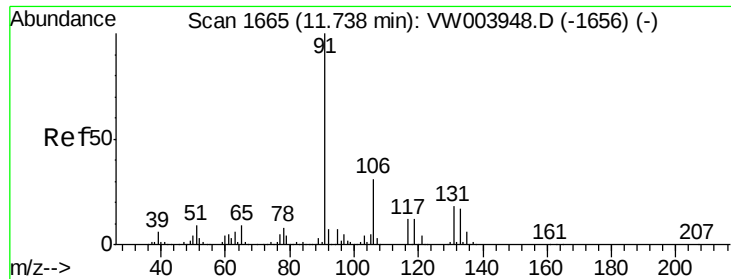
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.802 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:131 Resp: 55554
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.8
119 65.2 32.5 97.5





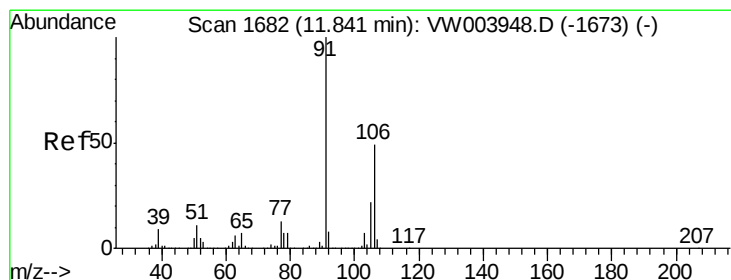
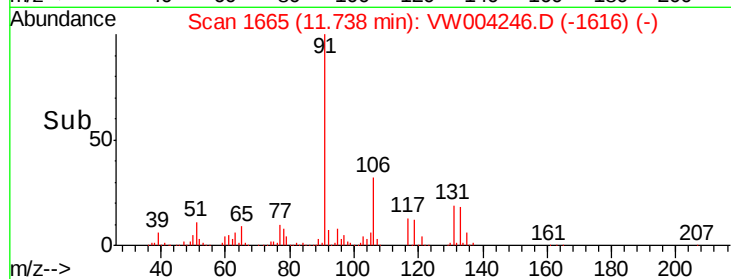
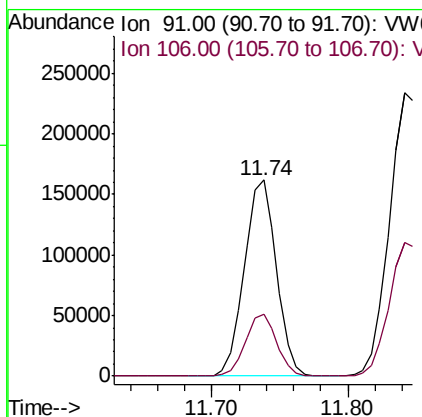
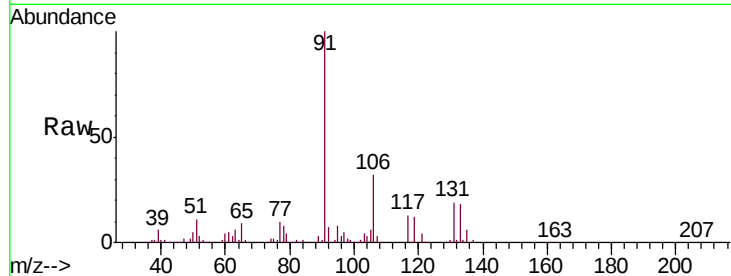
#67
Ethyl Benzene
Concen: 19.750 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :
VW0728SBS01

Tot Ion: 91 Resp: 266633
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4

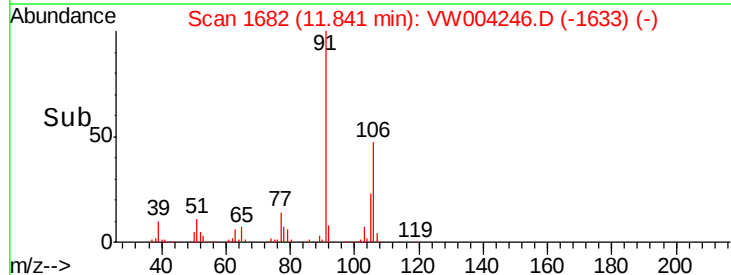
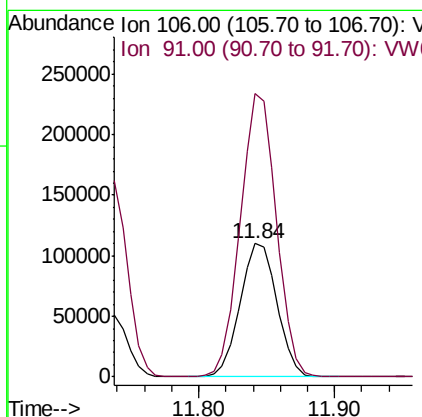
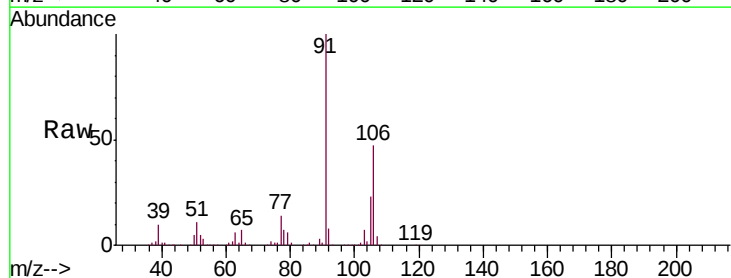
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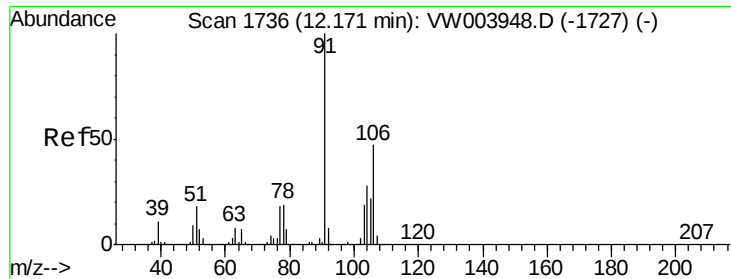
apatel
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#68
m/p-Xylenes
Concen: 40.483 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 106 Resp: 208887
Ion Ratio Lower Upper
106 100
91 207.3 164.2 246.2





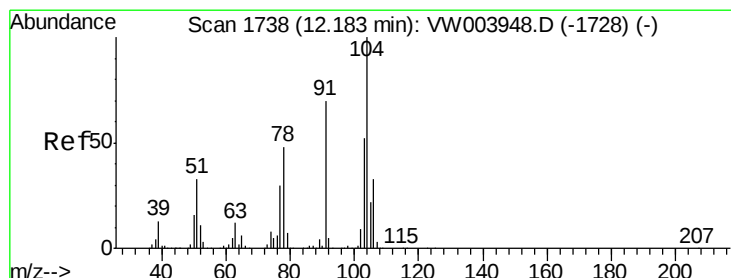
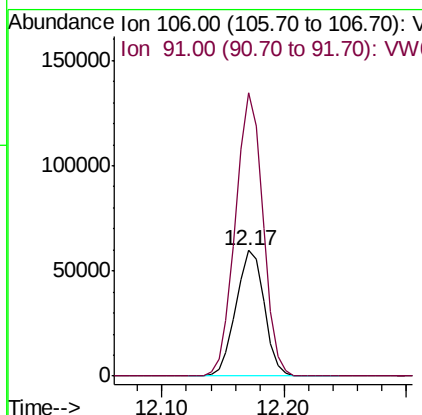
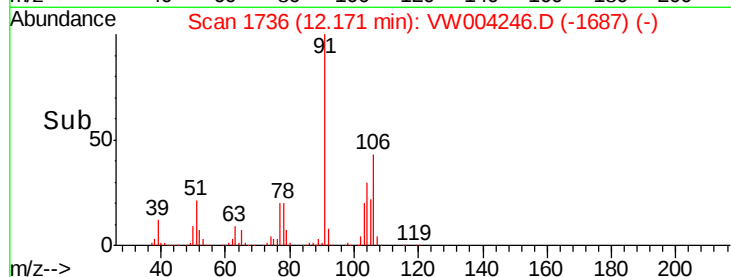
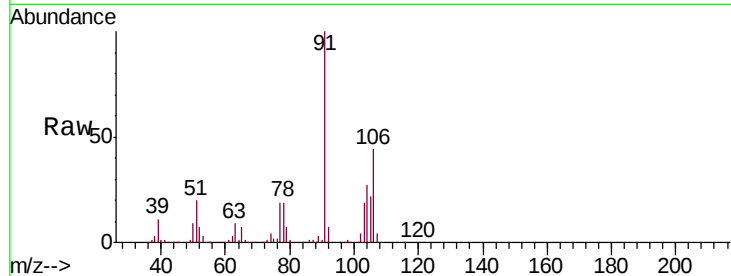
#69
o-Xylene
Concen: 20.069 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :
VW0728SBS01

Tot Ion:106 Resp: 96060
Ion Ratio Lower Upper
106 100
91 219.0 107.5 322.6

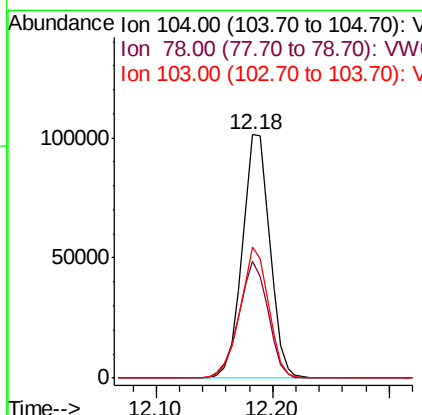
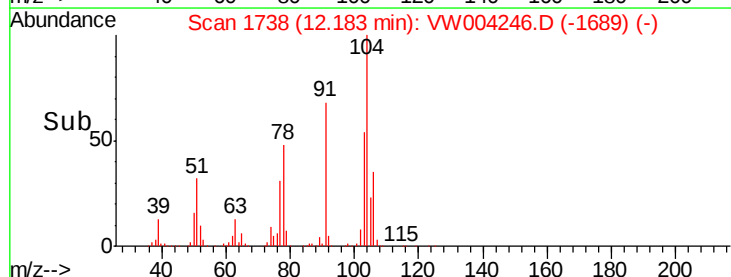
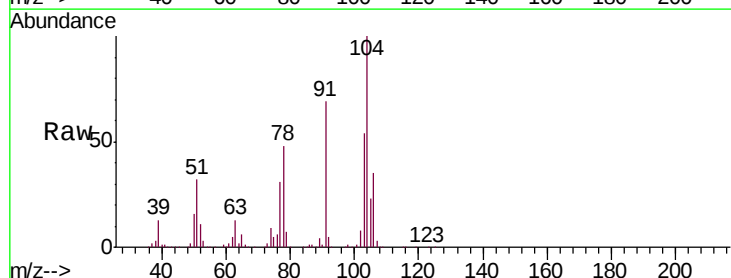
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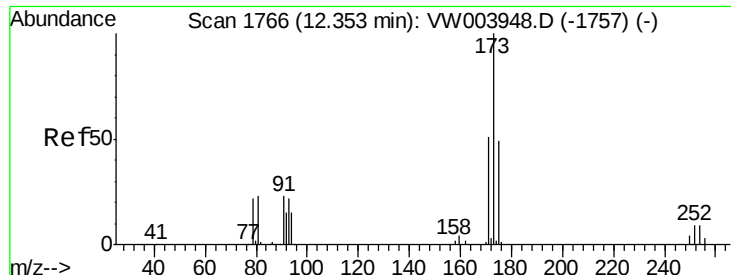
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#70
Styrene
Concen: 21.109 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:104 Resp: 168758
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.4
103 55.2 44.6 67.0





#71

Bromoform

Concen: 20.621 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

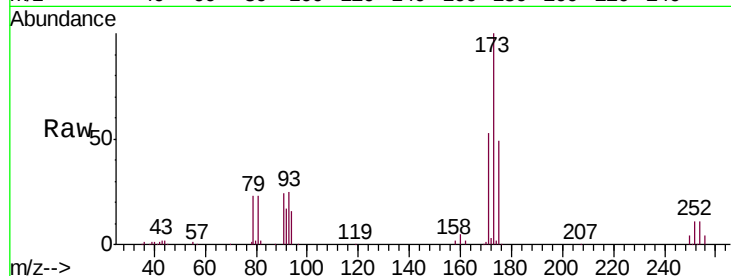
ClientSampleId :

VW0728SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.4	73.2
254	0.0	0.1	0.1#

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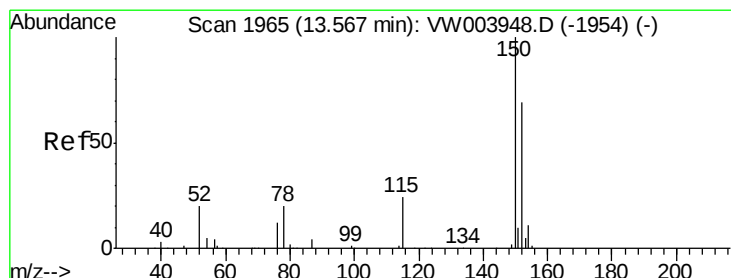
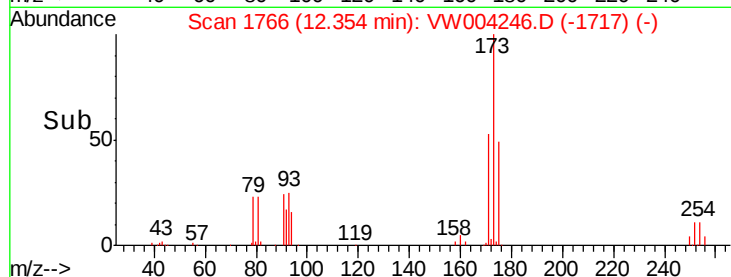
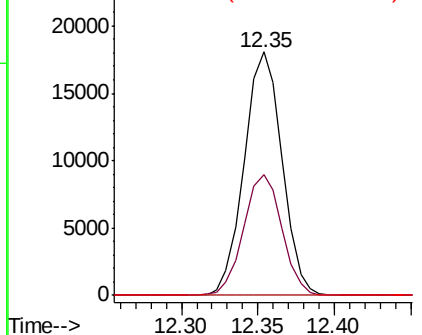


Abundance

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: 50.000 ug/l

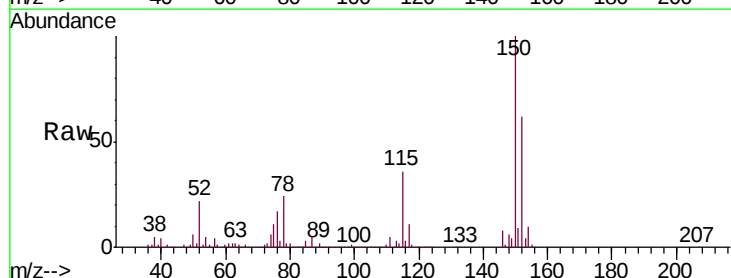
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.2	87.6
150	164.0	0.0	345.2

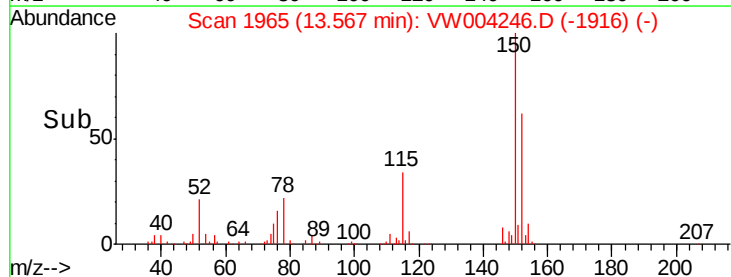
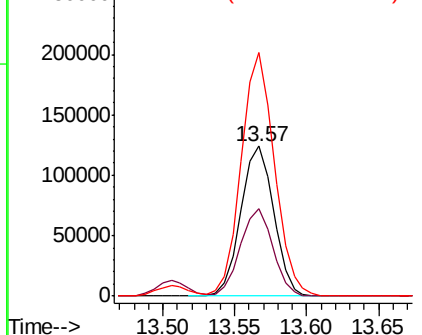


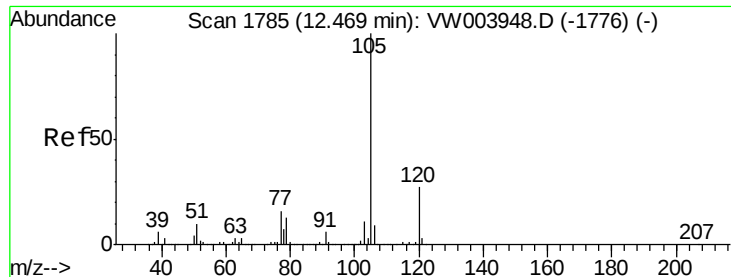
Abundance

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: 19.114 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 105 Resp: 265106

Ion Ratio Lower Upper

105 100

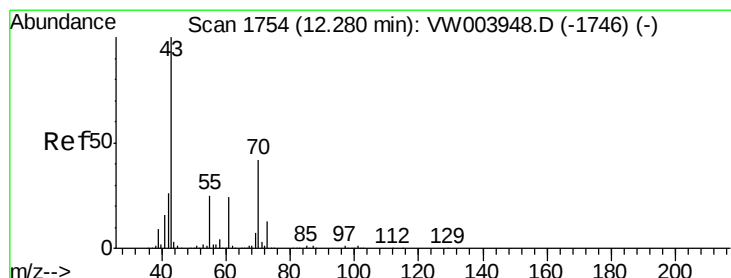
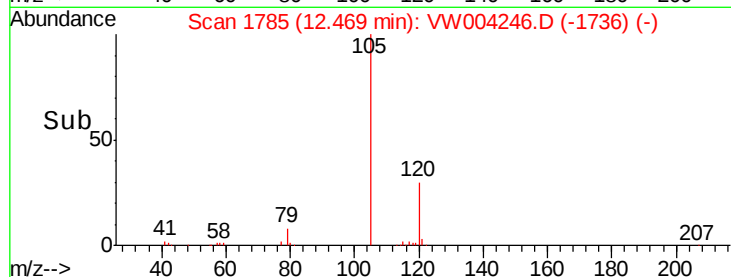
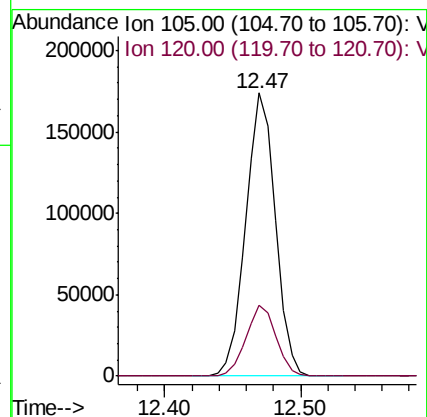
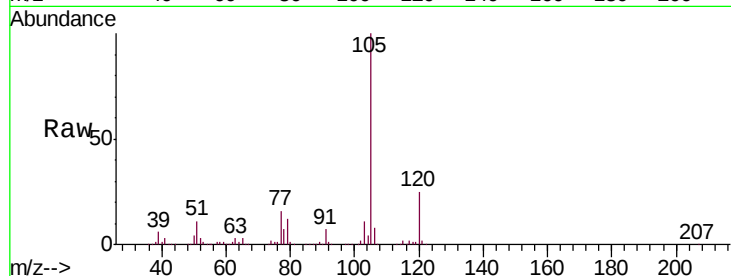
120 25.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.212 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion: 43 Resp: 73045

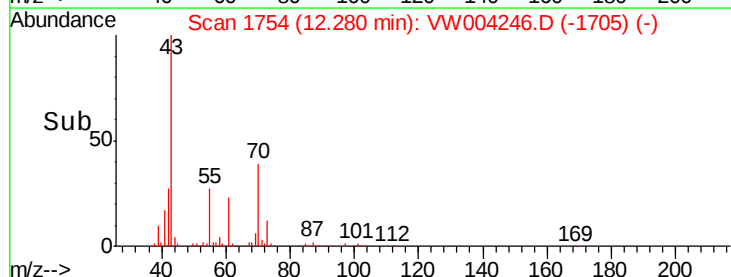
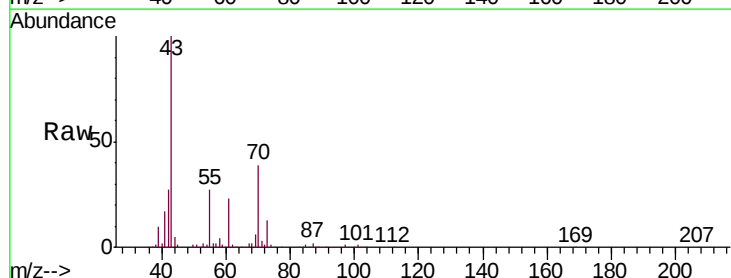
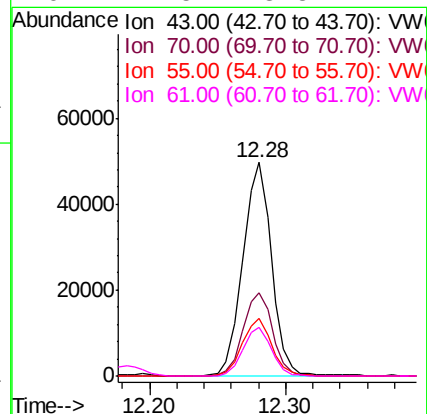
Ion Ratio Lower Upper

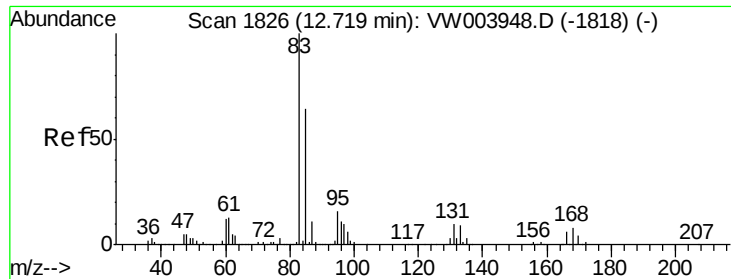
43 100

70 40.2 31.6 47.4

55 27.5 20.0 30.0

61 22.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.029 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

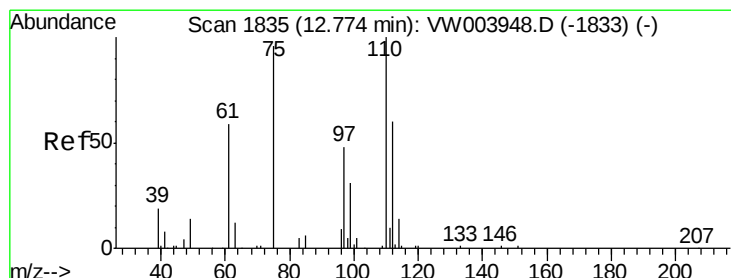
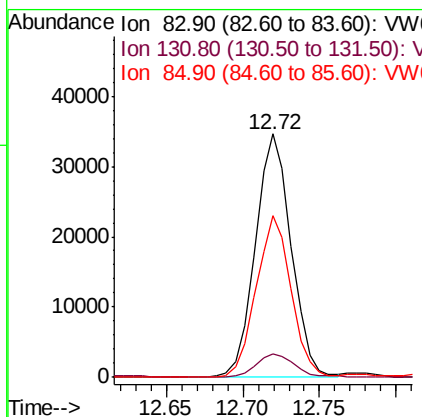
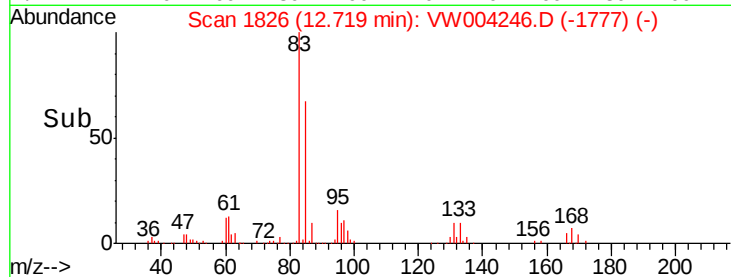
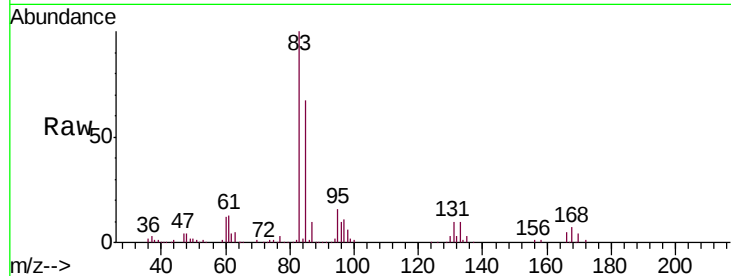
ClientSampleId :

VW0728SBS01

Tot Ion:	83	Resp:	56405
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.8
85	64.9	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.069 ug/l m

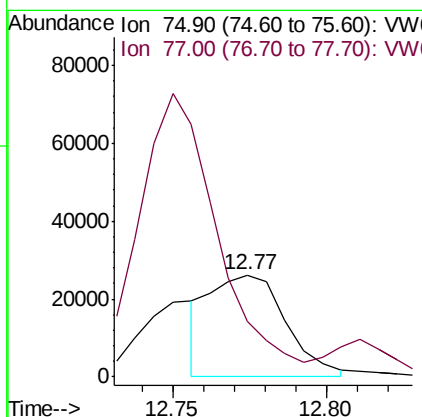
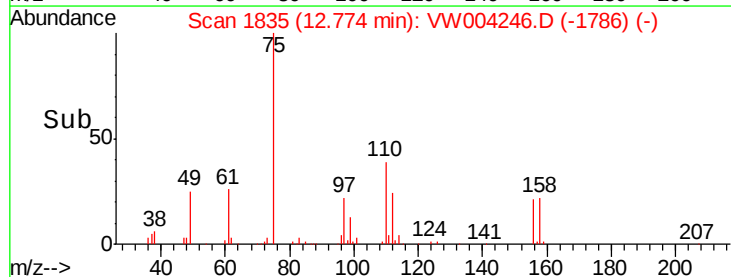
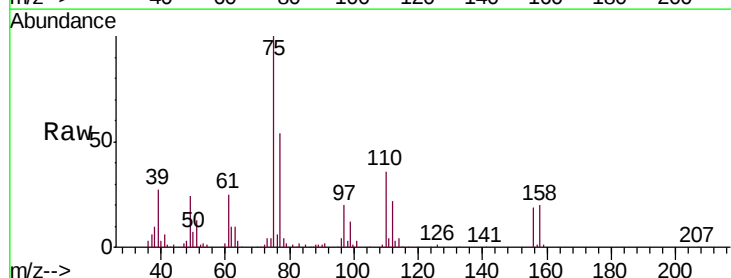
RT: 12.77 min Scan# 1835

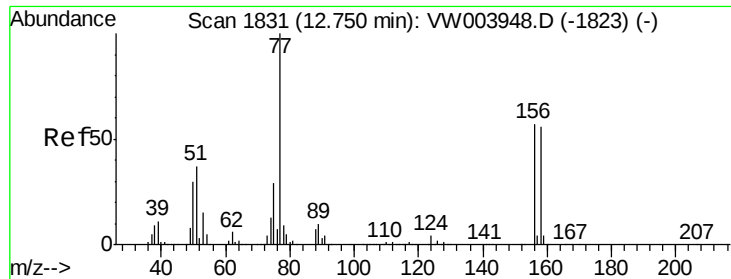
Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion:	75	Resp:	44953
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.688 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

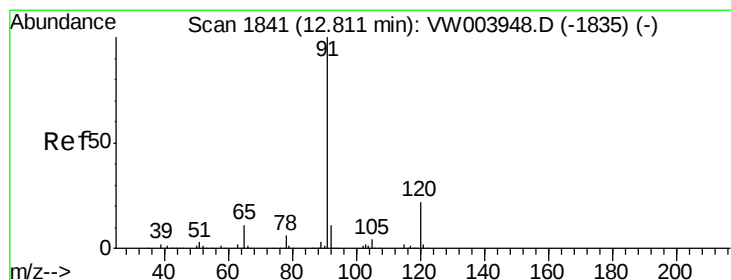
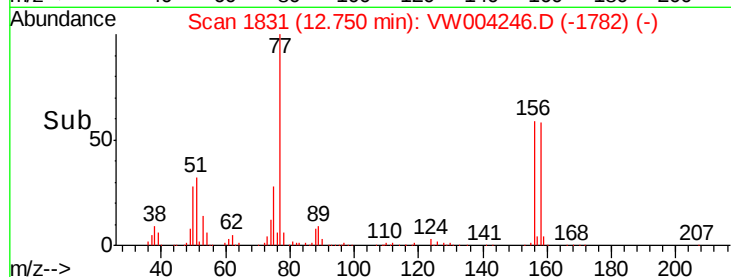
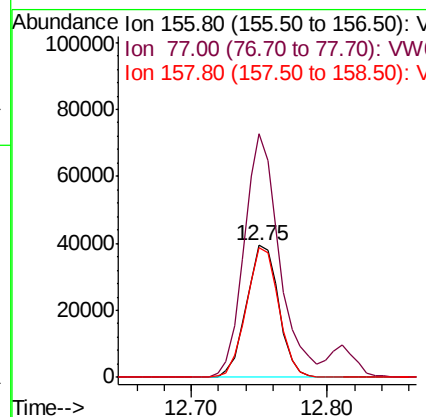
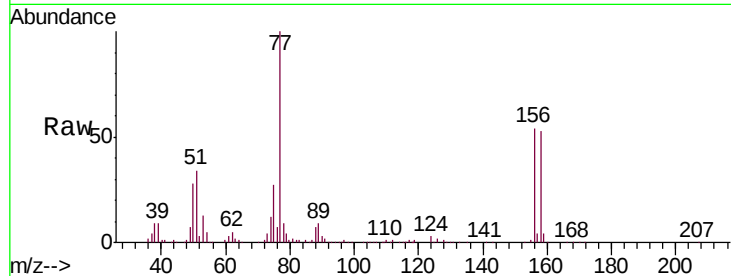
ClientSampleId :

VW0728SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	200.7	96.2	288.6
158	98.7	48.5	145.5

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#78

n-propylbenzene

Concen: 19.508 ug/l

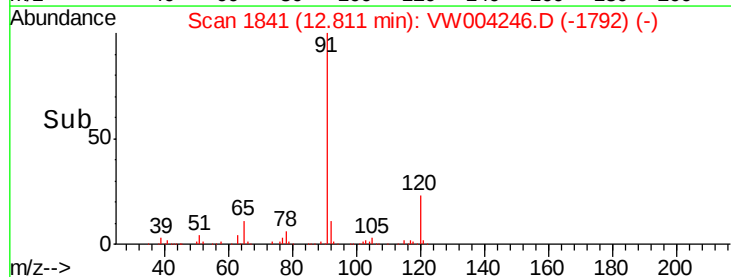
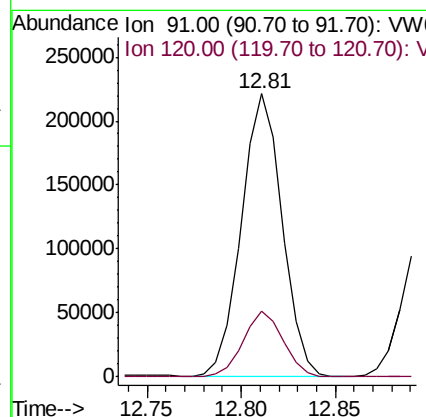
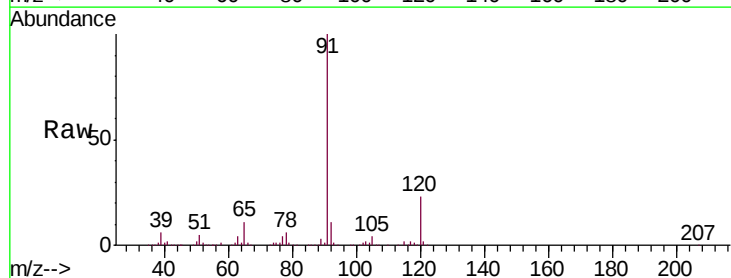
RT: 12.81 min Scan# 1841

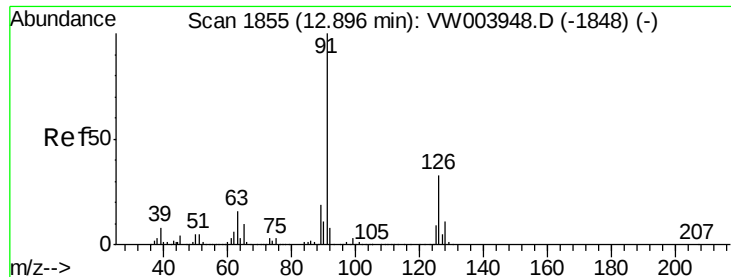
Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.2	33.6





#79

2-Chlorotoluene

Concen: 20.526 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 91 Resp: 196984

Ion Ratio Lower Upper

91 100

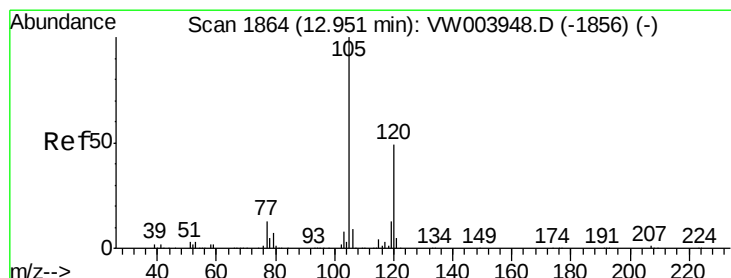
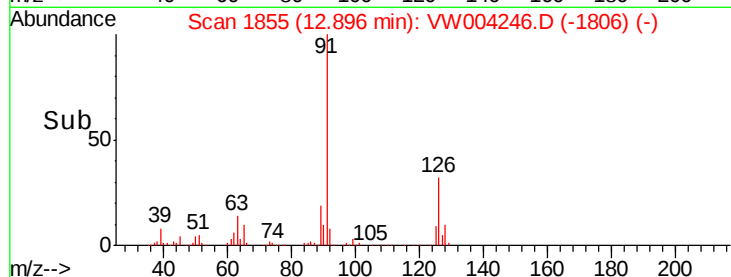
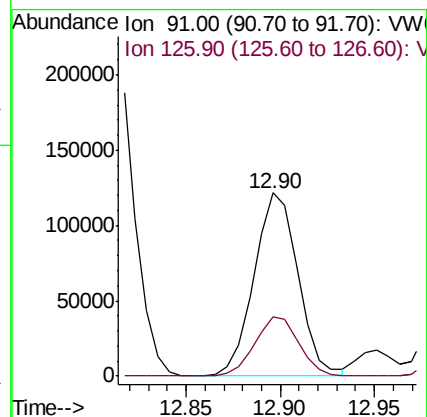
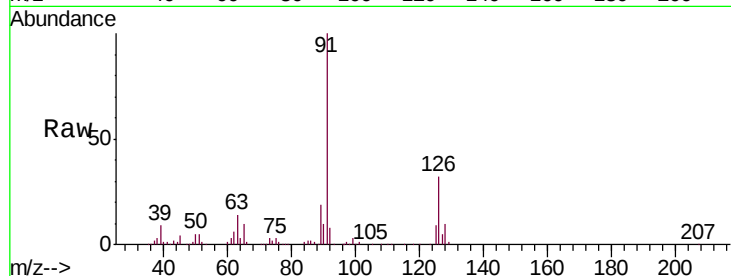
126 32.3 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.191 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004246.D

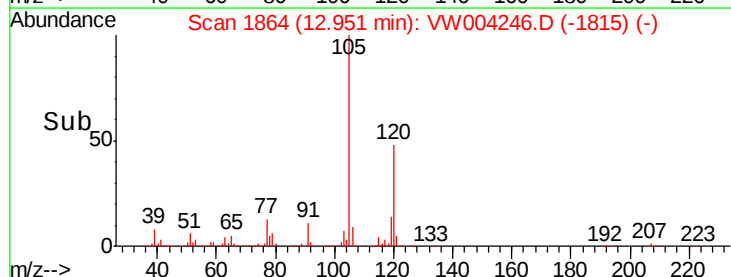
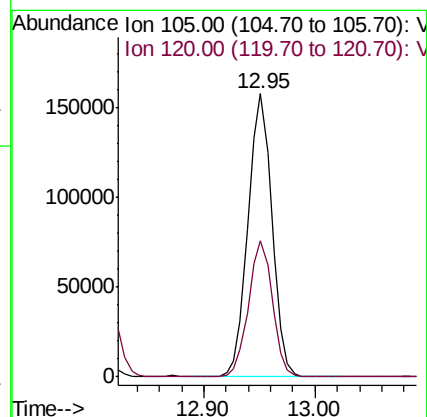
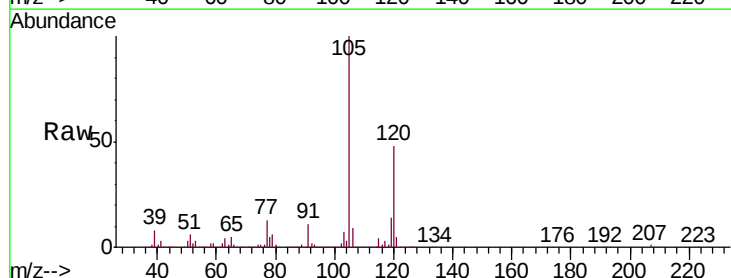
Acq: 27 Jul 2018 02:26

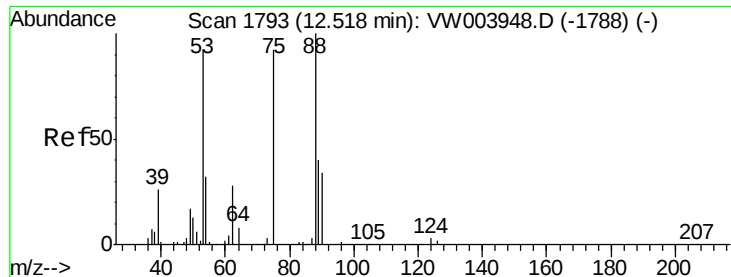
Tgt Ion:105 Resp: 235666

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.2





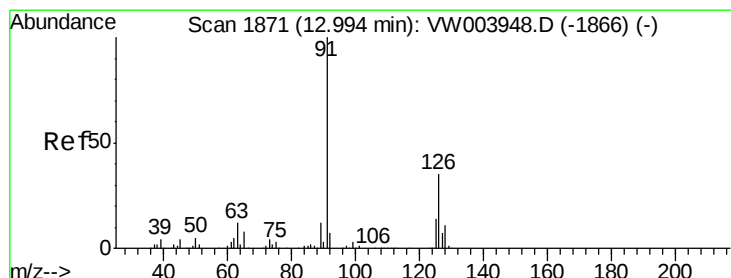
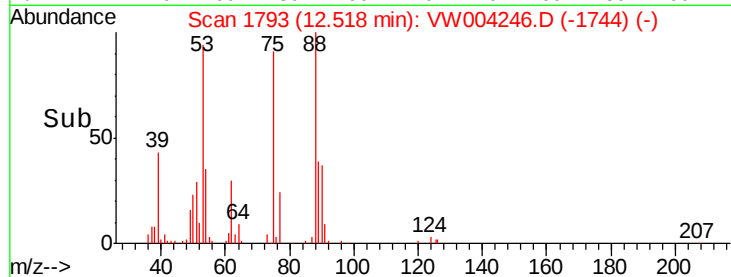
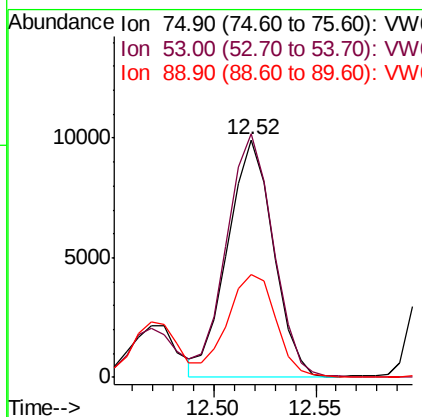
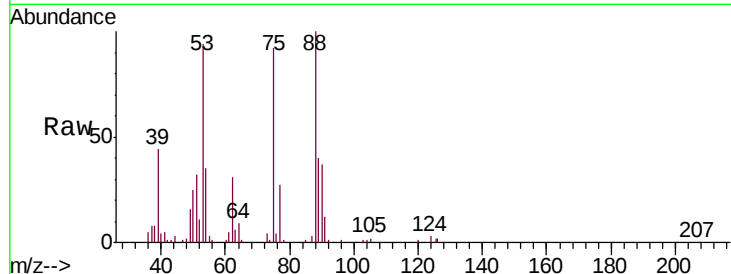
#81
trans-1,4-Dichloro-2-butene
Concen: 17.572 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.9	77.6	116.4
89	46.9	36.6	54.8

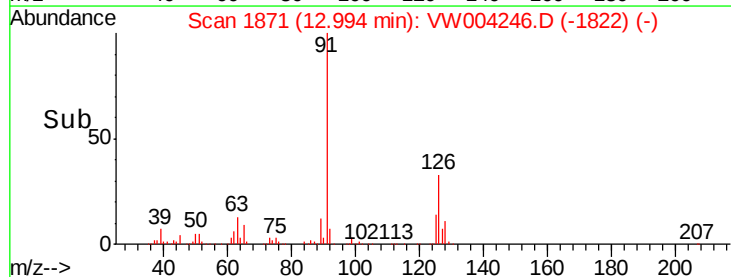
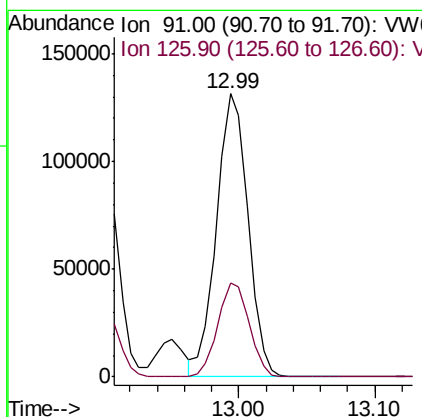
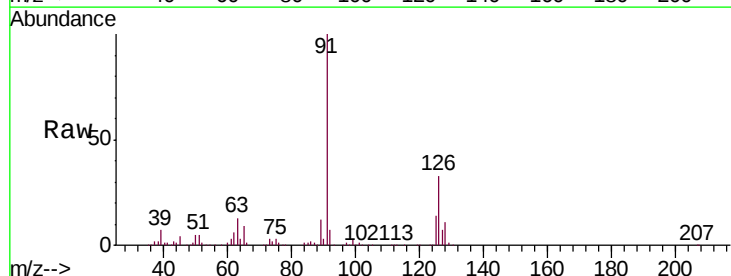
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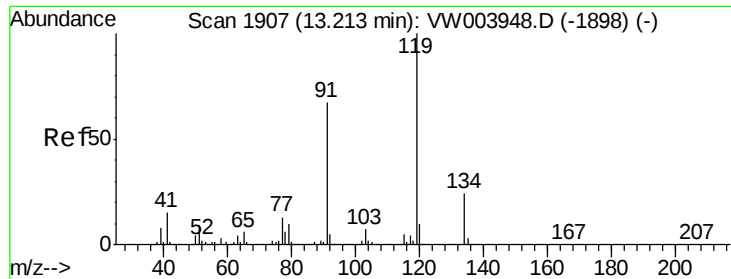
apatel
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#82
4-Chlorotoluene
Concen: 20.482 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.0





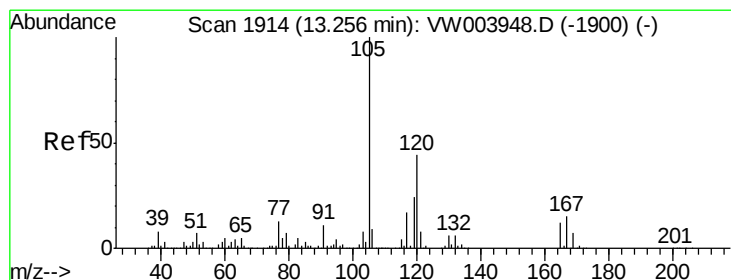
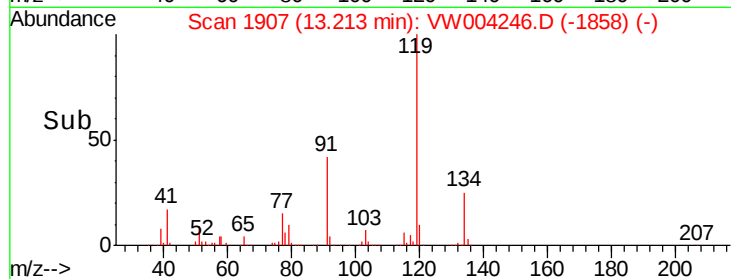
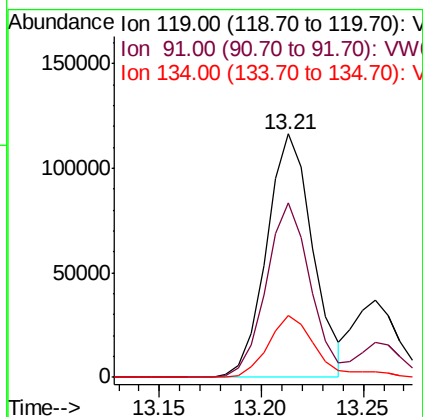
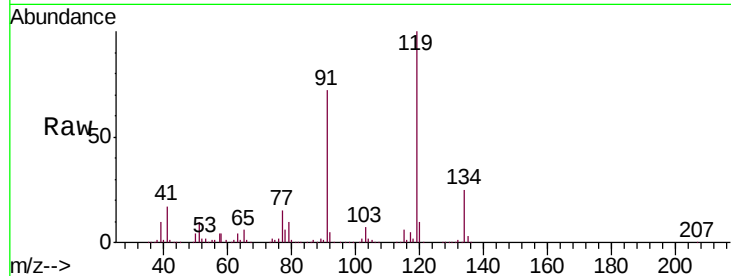
#83
tert-Butylbenzene
Concen: 18.720 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.3	33.2	99.6
134	26.9	13.0	38.9

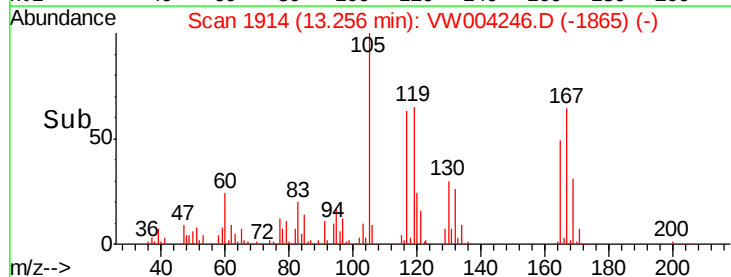
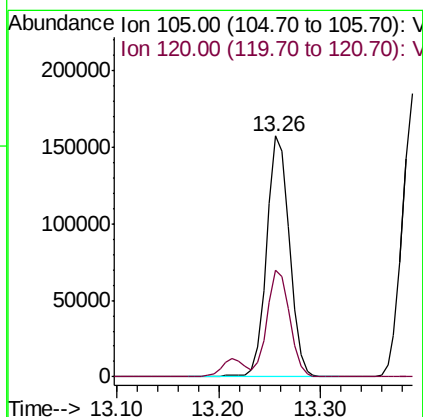
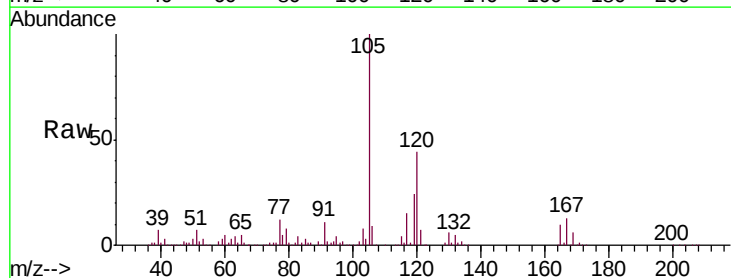
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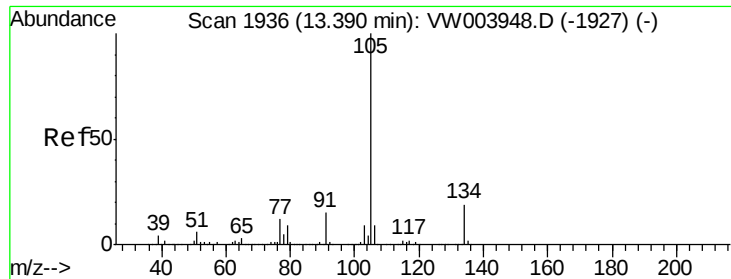
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#84
1,2,4-Trimethylbenzene
Concen: 20.245 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1





#85

sec-Butylbenzene

Concen: 19.314 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion:105 Resp: 280831

Ion Ratio Lower Upper

105 100

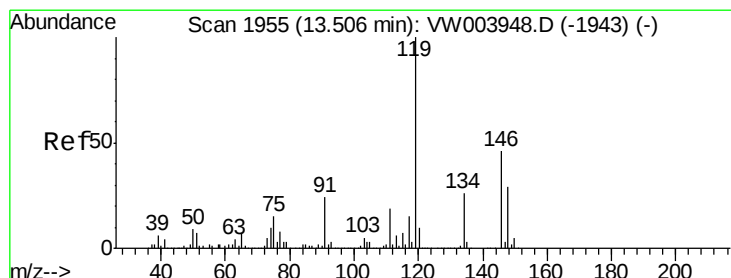
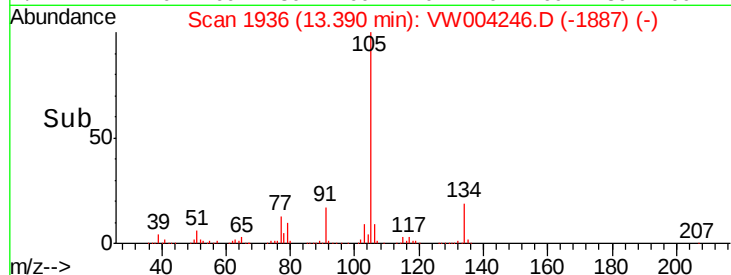
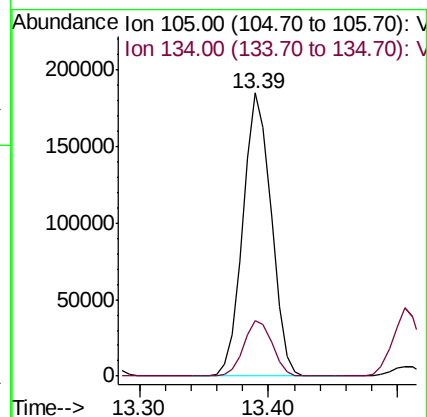
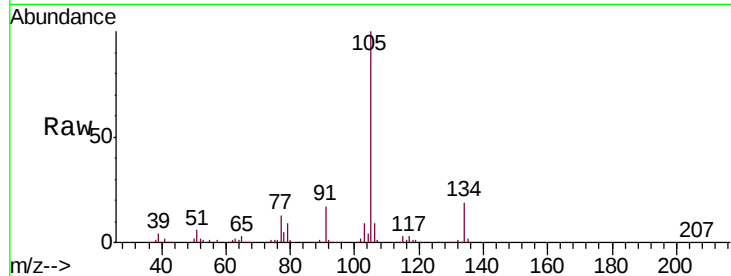
134 19.7 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 19.492 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

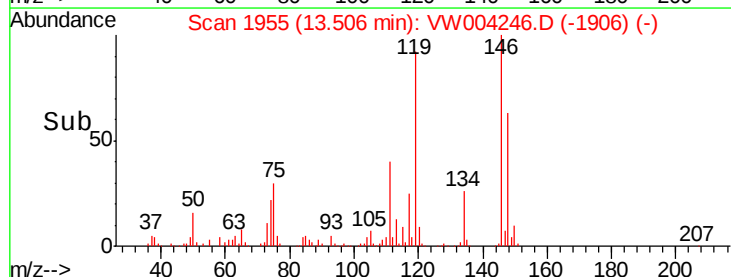
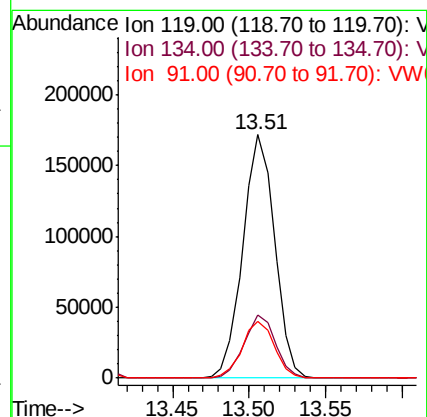
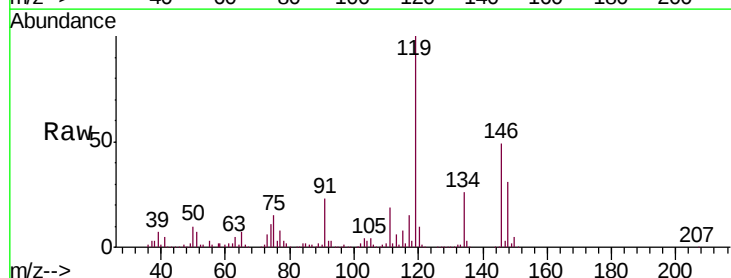
Tgt Ion:119 Resp: 248598

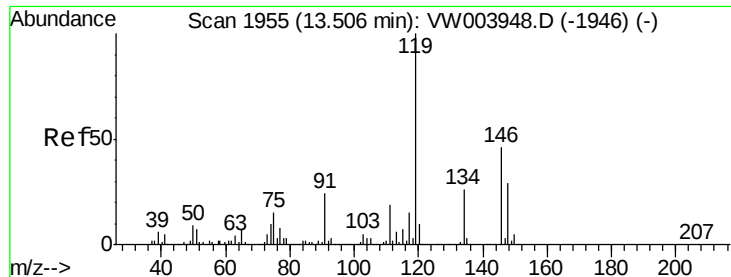
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.030 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

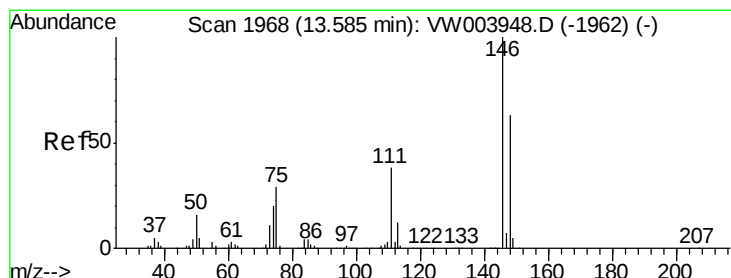
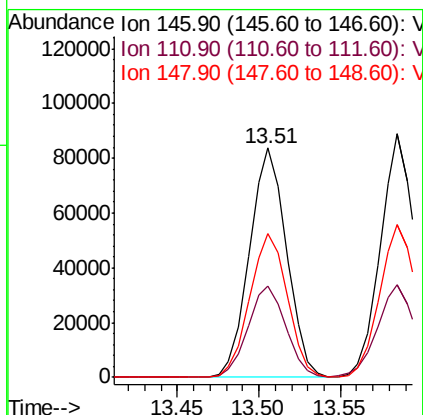
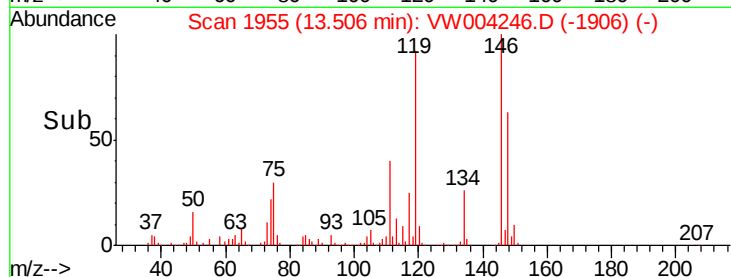
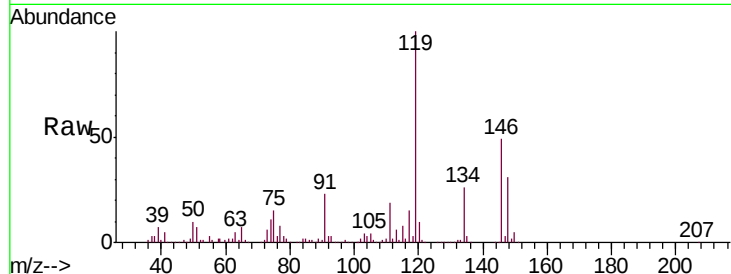
ClientSampleId :

VW0728SBS01

Tot Ion:	146	Resp:	132771
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.9	59.6
148	63.5	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 20.128 ug/l

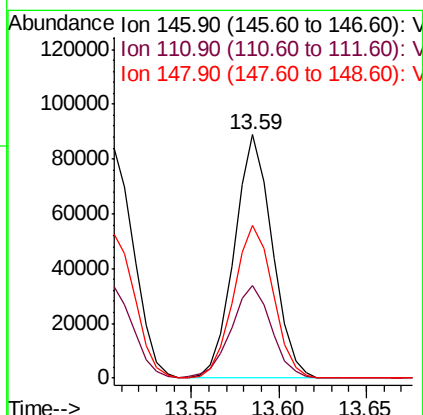
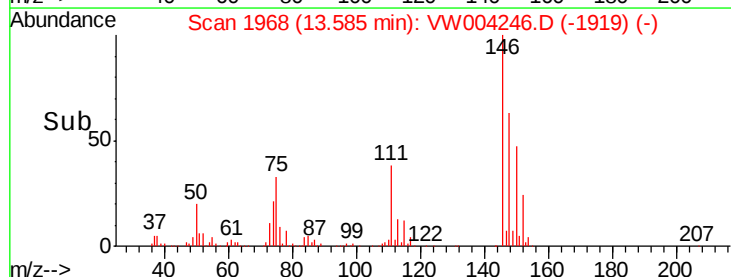
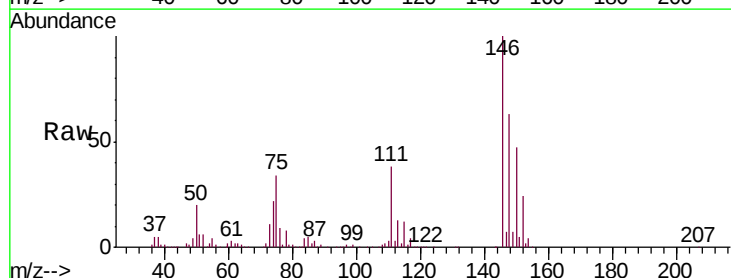
RT: 13.59 min Scan# 1968

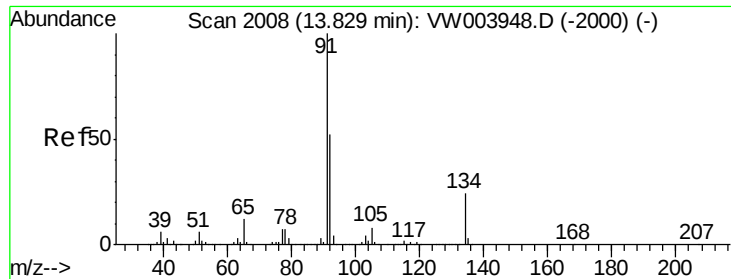
Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion:	146	Resp:	133808
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.6	58.7
148	65.3	32.3	96.8





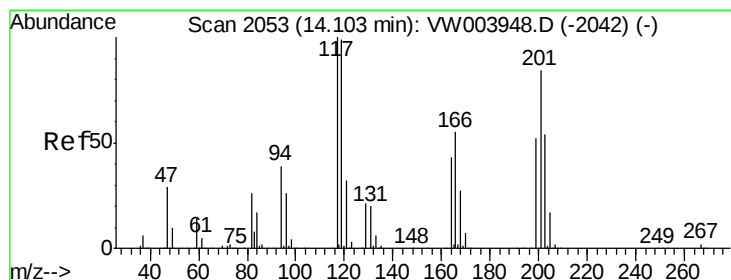
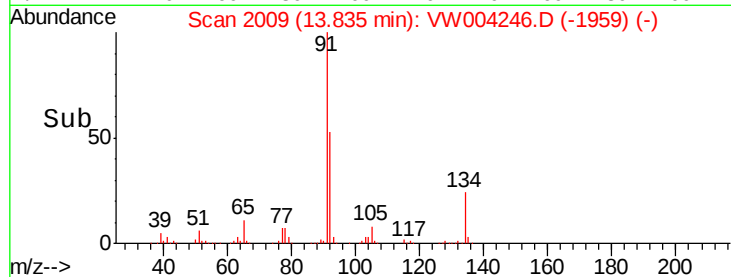
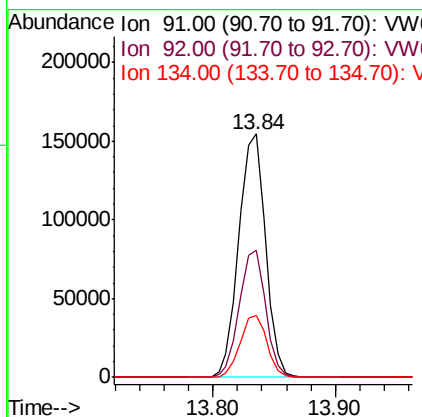
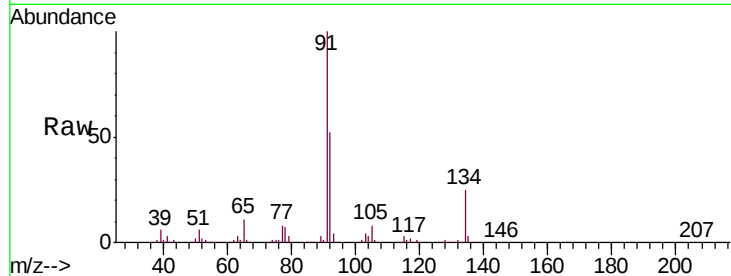
#89
n-Butylbenzene
Concen: 18.709 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	51.2	26.1	78.3	
134	25.3	12.4	37.4	

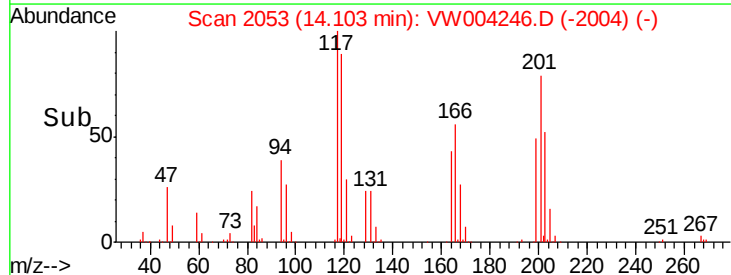
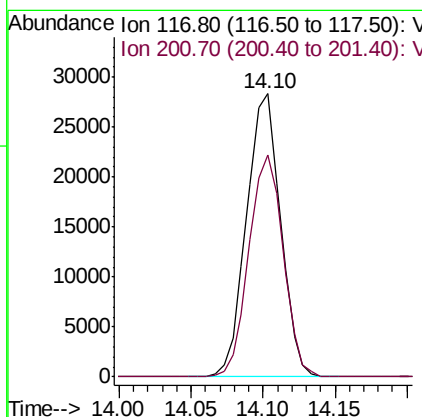
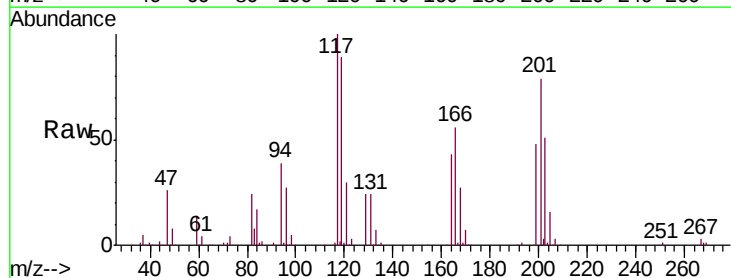
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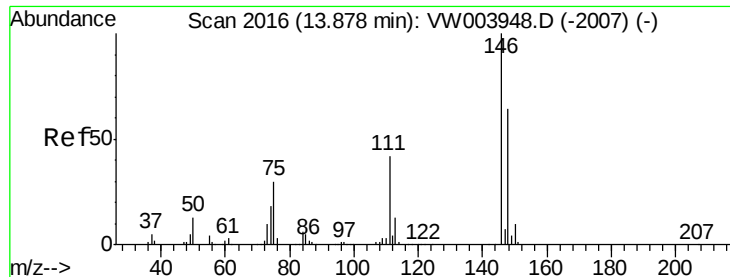
apatel
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#90
Hexachloroethane
Concen: 19.713 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	78.9	40.3	120.9	





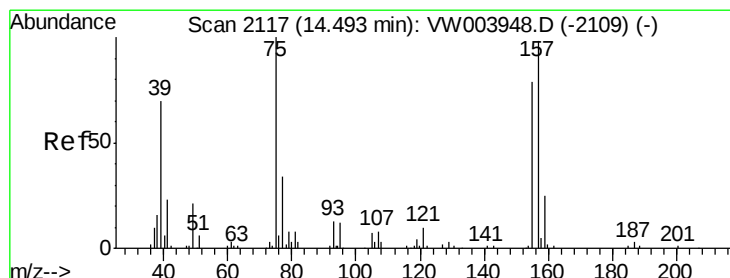
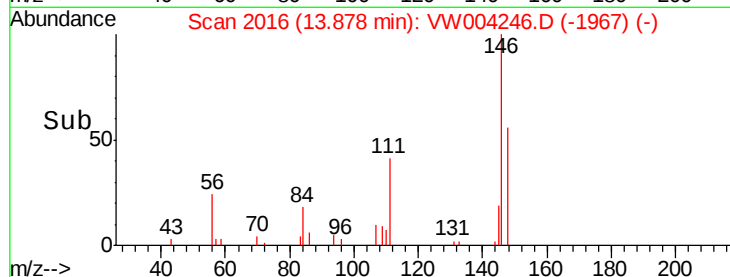
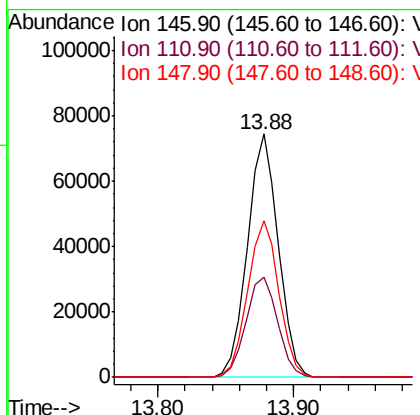
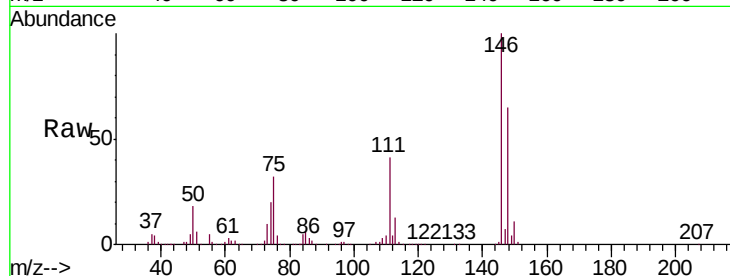
#91
 1,2-Dichlorobenzene
 Concen: 20.063 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.7	62.1
148	65.1	32.0	96.2

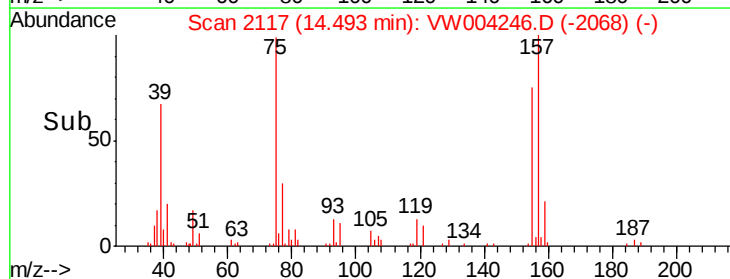
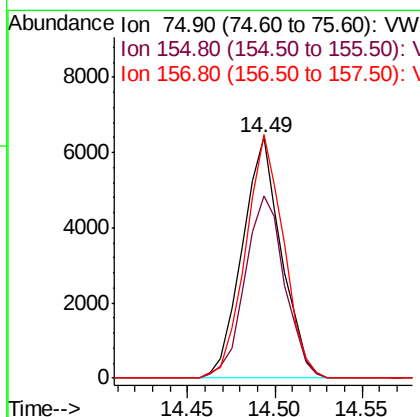
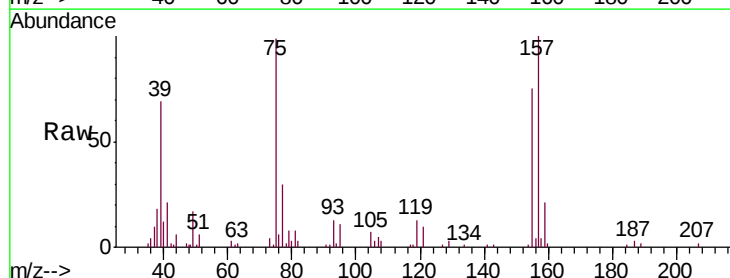
Manual Integrations
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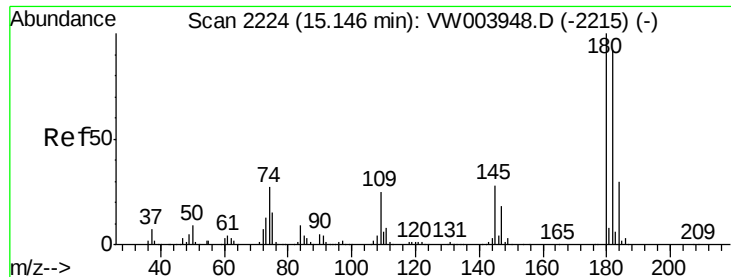
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.894 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	39.4	118.1
157	97.8	51.8	155.4





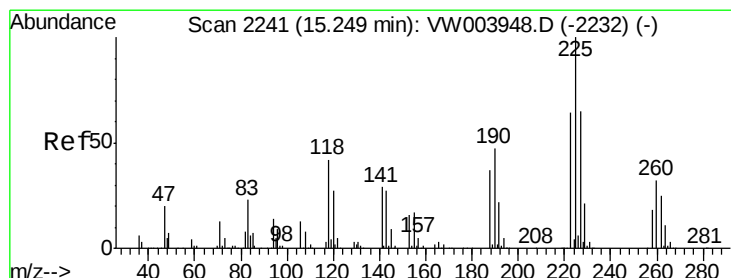
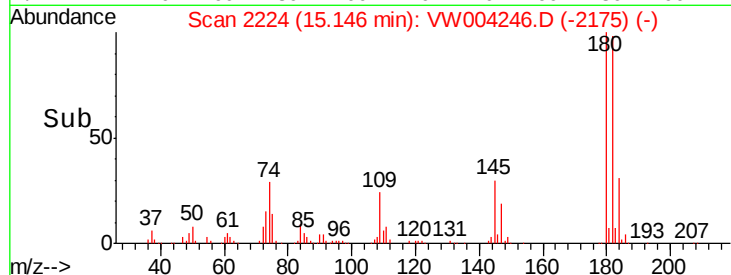
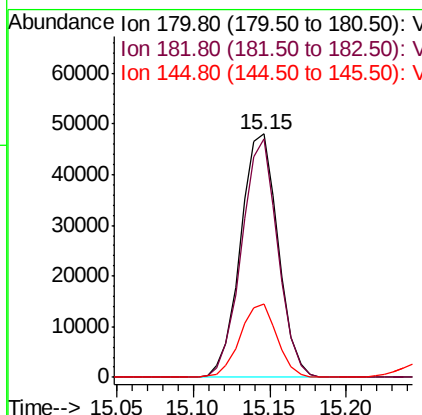
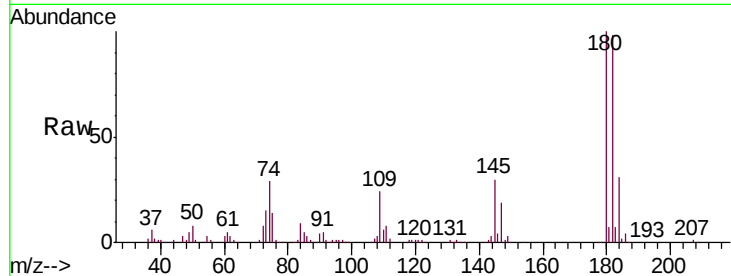
#93
 1,2,4-Trichlorobenzene
 Concen: 19.790 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.8
145	29.6	15.0	45.0

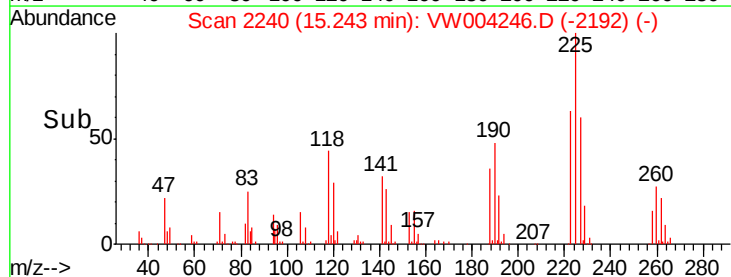
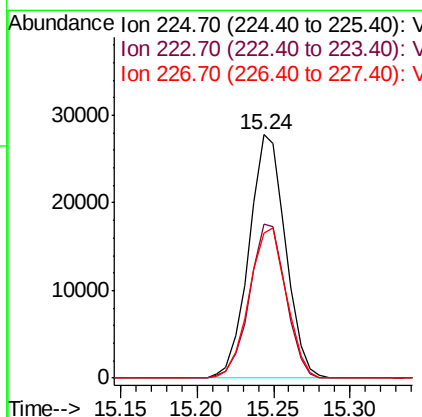
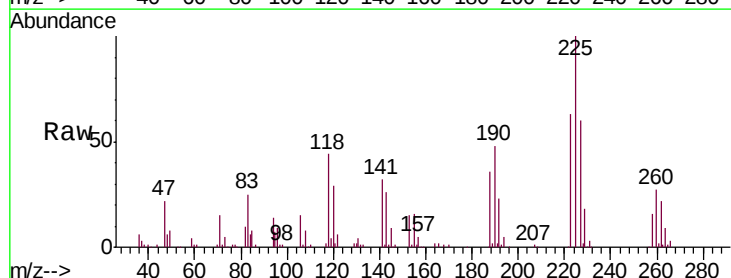
Manual Integrations
 APPROVED

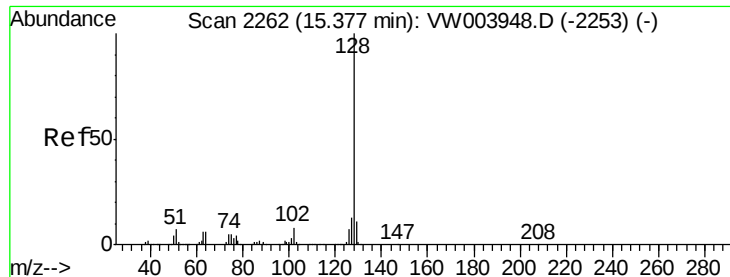
apatel
 7/27/2018 12:36:53 PM



#94
 Hexachlorobutadiene
 Concen: 19.378 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.0	96.2
227	62.8	32.3	96.9





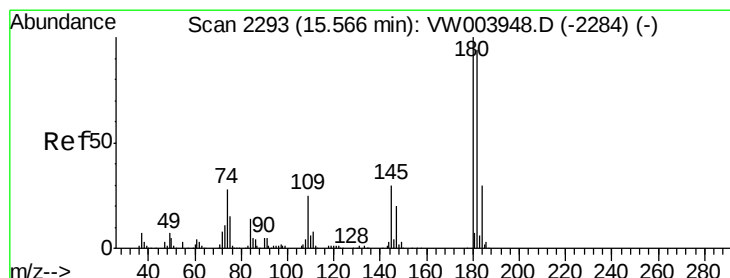
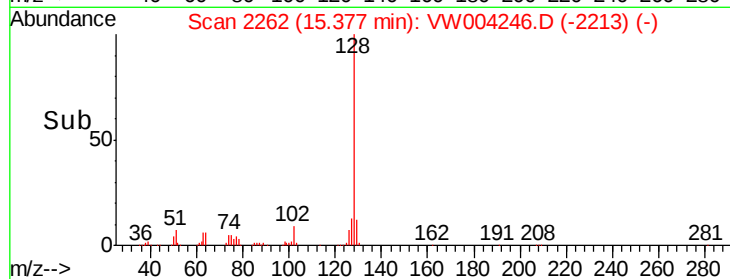
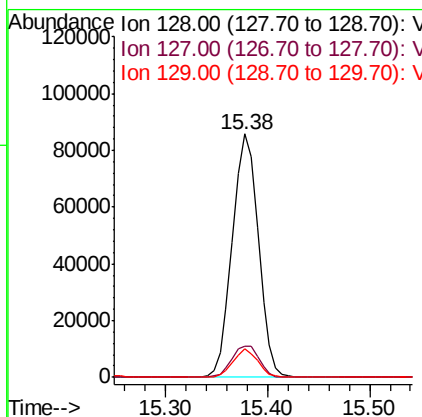
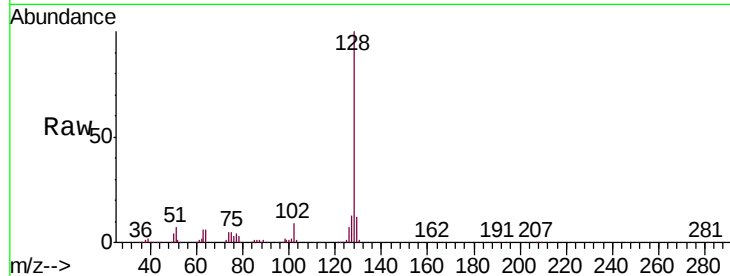
#95
Naphthalene
Concen: 19.855 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
7/27/2018 12:36:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.302 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.5	142.6
145	32.5	15.8	47.4

