

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004334.D
 Acq On : 30 Jul 2018 02:00
 Operator : SY/AP
 Sample : VW0730SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:33:54 AM

Quant Time: Jul 30 06:55:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	143383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	213238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	192939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	72544	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	67055	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.33	98	259009	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.62	95	94295	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	8414m	17.95	ug/l	
3) Chloromethane	2.21	50	17832	25.13	ug/l	95
4) Vinyl Chloride	2.36	62	28589	21.28	ug/l	98
5) Bromomethane	2.77	94	19488	22.34	ug/l	97
6) Chloroethane	2.92	64	17085	21.00	ug/l	91
7) Trichlorofluoromethane	3.25	101	16270	18.62	ug/l	100
8) Diethyl Ether	3.67	74	14114	21.27	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.05	101	22854	16.67	ug/l	93
10) Methyl Iodide	4.26	142	40783	19.96	ug/l	100
11) Tert butyl alcohol	5.17	59	9993	102.39	ug/l	97
12) 1,1-Dichloroethene	4.03	96	24383	18.05	ug/l	91
13) Acrolein	3.89	56	5997	68.96	ug/l	97
14) Allyl chloride	4.66	41	31666	14.76	ug/l	# 88
15) Acrylonitrile	5.37	53	25440	81.49	ug/l	97
16) Acetone	4.12	43	22358	71.34	ug/l	97
17) Carbon Disulfide	4.37	76	70359	16.57	ug/l	98
18) Methyl Acetate	4.67	43	12564	16.21	ug/l	# 89
19) Methyl tert-butyl Ether	5.43	73	48499	19.43	ug/l	95
20) Methylene Chloride	4.92	84	26282	17.98	ug/l	# 82
21) trans-1,2-Dichloroethene	5.41	96	26520	18.04	ug/l	88
22) Diisopropyl ether	6.32	45	67705	15.59	ug/l	# 93
23) Vinyl Acetate	6.25	43	188686	74.91	ug/l	# 94
24) 1,1-Dichloroethane	6.21	63	46402	16.99	ug/l	95
25) 2-Butanone	7.18	43	32095	79.90	ug/l	# 89
26) 2,2-Dichloropropane	7.17	77	26245	16.18	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	29657	19.04	ug/l	92
28) Bromochloromethane	7.51	49	15827	16.15	ug/l	# 69
29) Tetrahydrofuran	7.53	42	20650	76.36	ug/l	# 83
30) Chloroform	7.68	83	52000	19.47	ug/l	94
31) Cyclohexane	7.95	56	36868	14.93	ug/l	# 82
32) 1,1,1-Trichloroethane	7.87	97	42837	19.53	ug/l	98
36) 1,1-Dichloropropene	8.09	75	37852	17.74	ug/l	96
37) Ethyl Acetate	7.26	43	14618	16.72	ug/l	# 97
38) Carbon Tetrachloride	8.07	117	41863	19.87	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42291	16.45	ug/l	97
40) Benzene	8.32	78	108265	18.04	ug/l	100
41) Methacrylonitrile	7.48	41	8629	16.52	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	34405	20.05	ug/l	98
43) Isopropyl Acetate	8.43	43	27349	17.36	ug/l #	91
44) Trichloroethene	9.09	130	32538	20.08	ug/l	87
45) 1,2-Dichloropropane	9.37	63	25377	17.04	ug/l	99
46) Dibromomethane	9.46	93	14835	19.51	ug/l	91
47) Bromodichloromethane	9.65	83	37167	19.27	ug/l	99
48) Methyl methacrylate	9.44	41	15051	18.76	ug/l	96
49) 1,4-Dioxane	9.45	88	5206	451.62	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	71308	82.47	ug/l	95
52) Toluene	10.39	92	73920	19.62	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	36084	18.68	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	40419	17.95	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	21488	19.83	ug/l	92
56) Ethyl methacrylate	10.65	69	25742	19.63	ug/l	91
57) 1,3-Dichloropropane	10.94	76	35587	19.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	54451	93.49	ug/l	91
59) 2-Hexanone	10.98	43	46825	78.87	ug/l	95
60) Dibromochloromethane	11.13	129	27116	20.92	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19703	19.07	ug/l	98
64) Tetrachloroethene	10.87	164	33463	23.67	ug/l	99
65) Chlorobenzene	11.66	112	78592	19.40	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	29693	20.78	ug/l	98
67) Ethyl Benzene	11.74	91	132826	18.80	ug/l	98
68) m/p-Xylenes	11.84	106	103489	38.07	ug/l	99
69) o-Xylene	12.17	106	50004	19.91	ug/l	96
70) Styrene	12.18	104	84224	19.85	ug/l	99
71) Bromoform	12.35	173	17037	21.27	ug/l #	98
73) Isopropylbenzene	12.47	105	135457	18.20	ug/l	97
74) N-amyl acetate	12.28	43	24699	15.23	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	23231	17.82	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	15684m	16.01	ug/l	
77) Bromobenzene	12.75	156	36948	20.55	ug/l	88
78) n-propylbenzene	12.81	91	160808	17.74	ug/l	95
79) 2-Chlorotoluene	12.90	91	97310	18.77	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	124485	19.42	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	6385	15.17	ug/l	95
82) 4-Chlorotoluene	12.99	91	100333	18.29	ug/l	98
83) tert-Butylbenzene	13.21	119	103196	19.32	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	128111	19.59	ug/l	97
85) sec-Butylbenzene	13.39	105	144044	18.46	ug/l	96
86) p-Isopropyltoluene	13.51	119	130340	18.60	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	71598	19.89	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	70958	19.76	ug/l	99
89) n-Butylbenzene	13.83	91	111327	17.02	ug/l	97
90) Hexachloroethane	14.10	117	23137	18.52	ug/l	91
91) 1,2-Dichlorobenzene	13.88	146	64960	20.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4603	20.23	ug/l	96

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QLast Update : Mon Jul 30 02:37:04 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	46360	20.50	ug/l	98
94) Hexachlorobutadiene	15.24	225	27044	19.57	ug/l	97
95) Naphthalene	15.38	128	82230	21.13	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	43266	21.86	ug/l	96

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

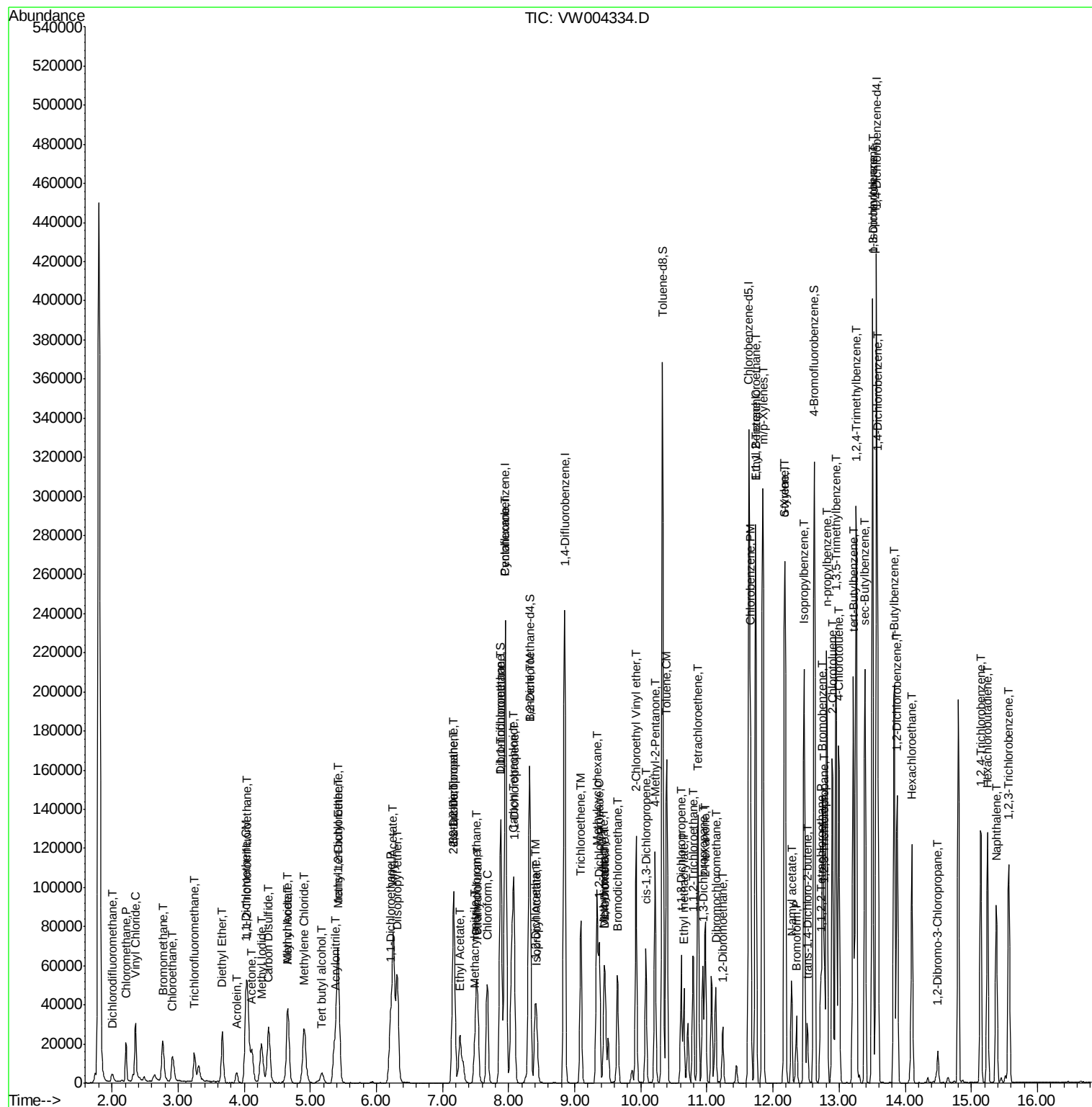
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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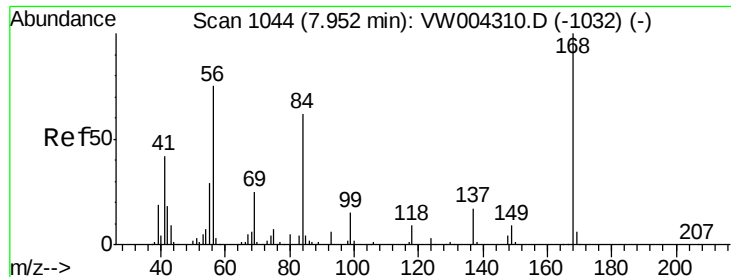
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion:168 Resp: 143383

Ion Ratio Lower Upper

168 100

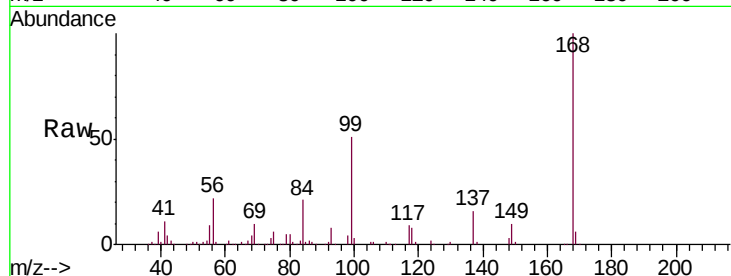
99 50.9 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

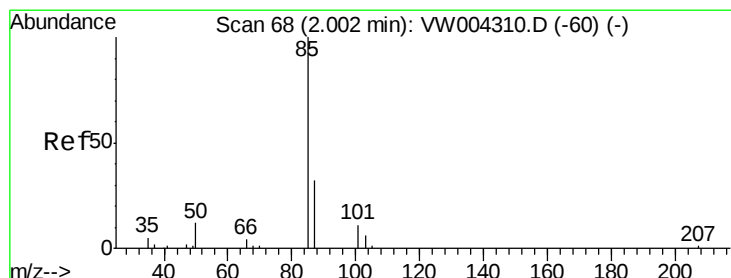
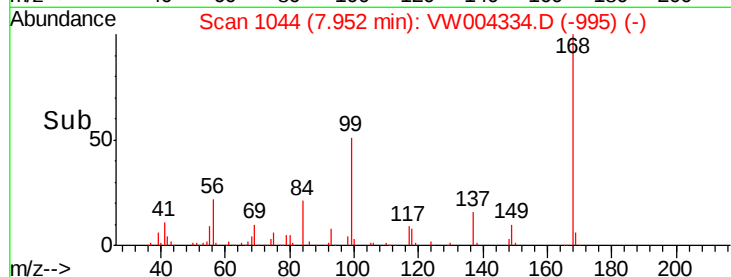
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 17.95 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004334.D

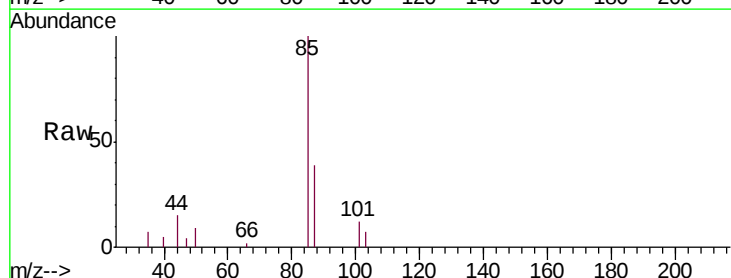
Acq: 30 Jul 2018 02:00

Tgt Ion: 85 Resp: 8414

Ion Ratio Lower Upper

85 100

87 38.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

2500

2000

1500

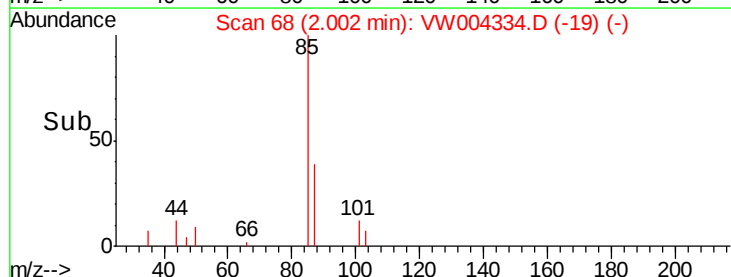
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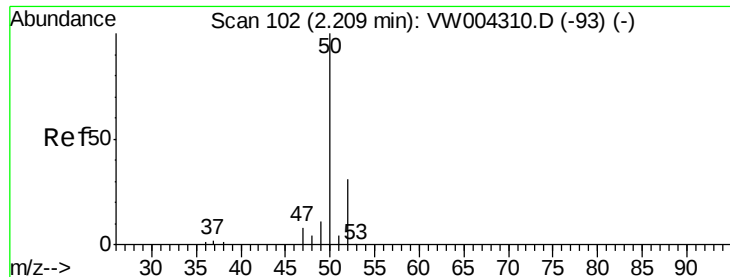
500

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 25.13 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 50 Resp: 17832

Ion Ratio Lower Upper

50 100

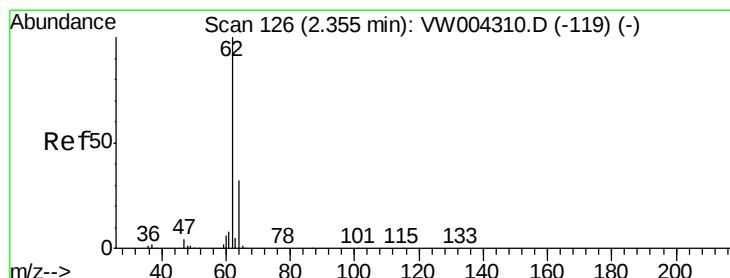
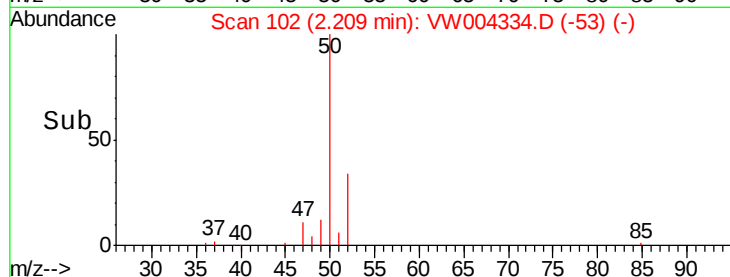
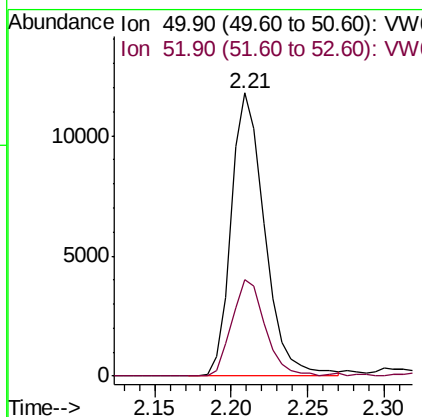
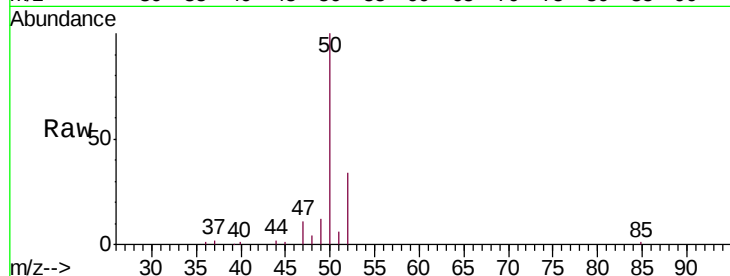
52 33.9 24.8 37.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.28 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004334.D

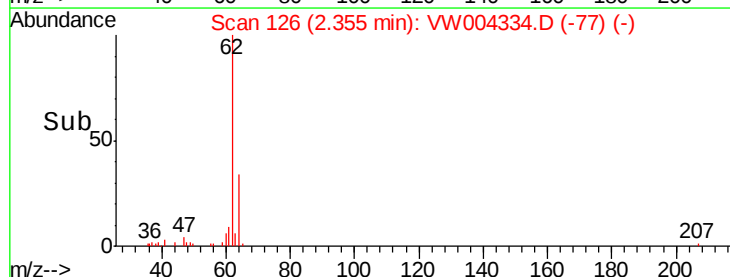
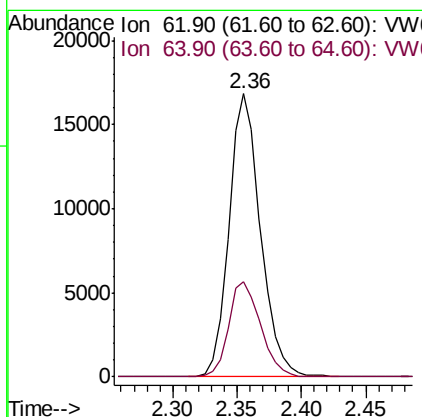
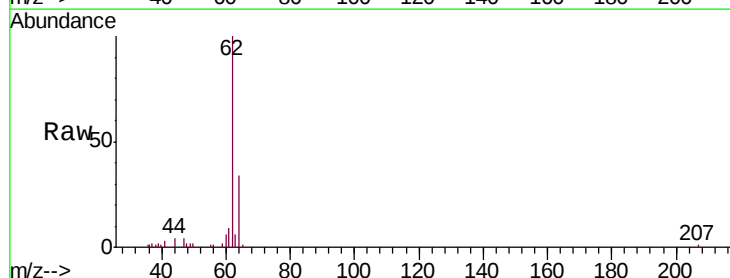
Acq: 30 Jul 2018 02:00

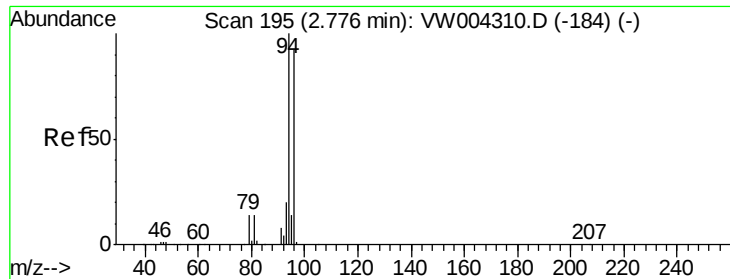
Tgt Ion: 62 Resp: 28589

Ion Ratio Lower Upper

62 100

64 33.6 25.9 38.9





#5

Bromomethane

Concen: 22.34 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

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VW0730SBS02

Tot Ion: 94 Resp: 19488

Ion Ratio Lower Upper

94 100

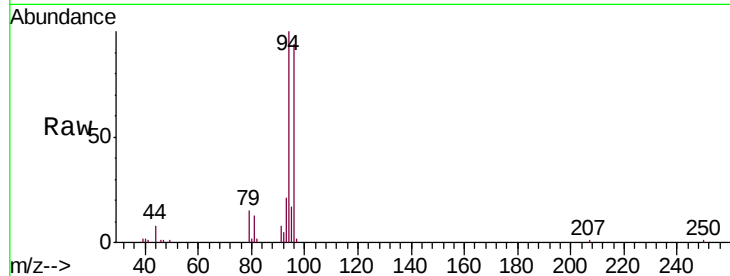
96 94.2 73.3 109.9

Manual Integrations

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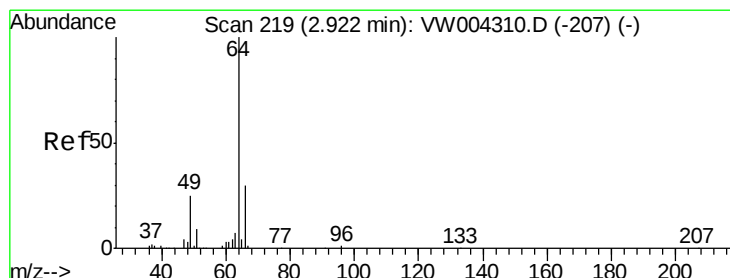
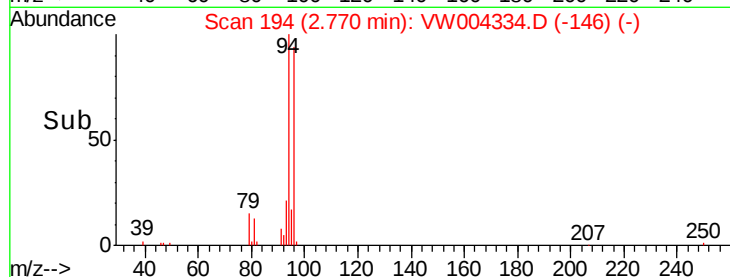
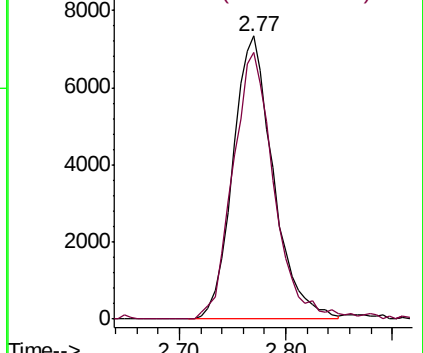
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.00 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004334.D

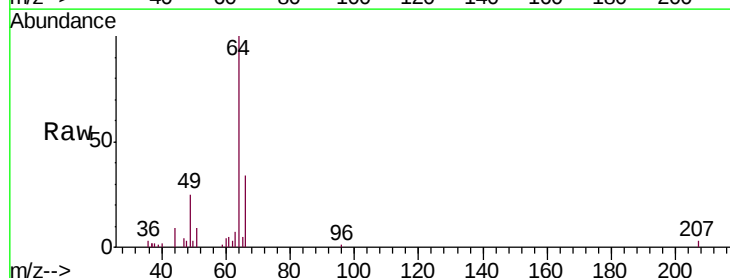
Acq: 30 Jul 2018 02:00

Tgt Ion: 64 Resp: 17085

Ion Ratio Lower Upper

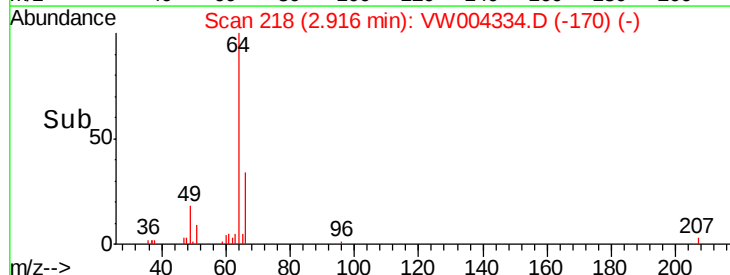
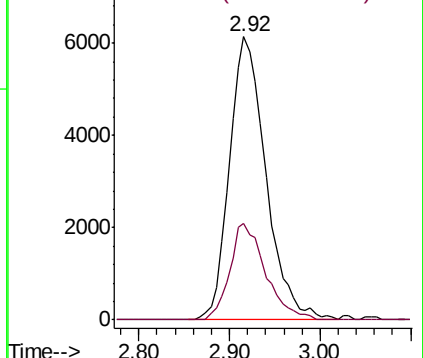
64 100

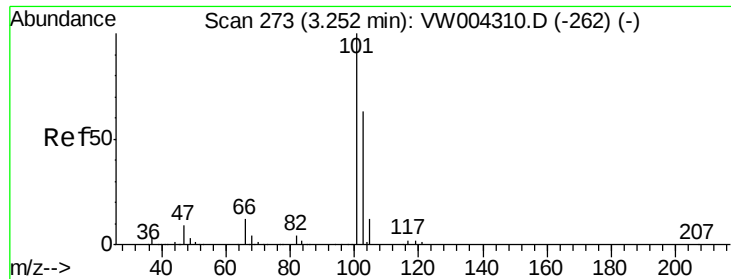
66 34.2 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

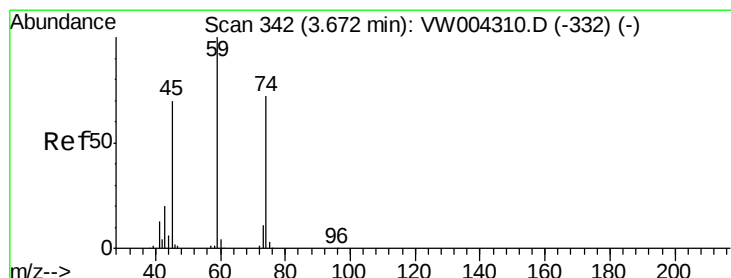
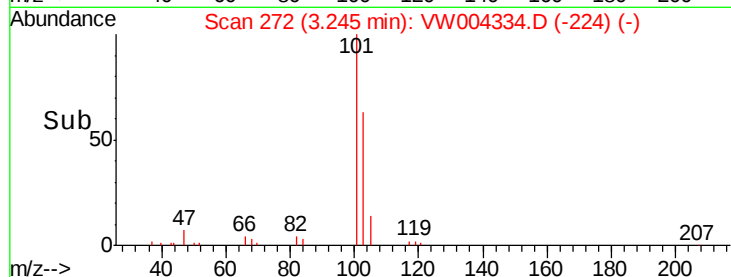
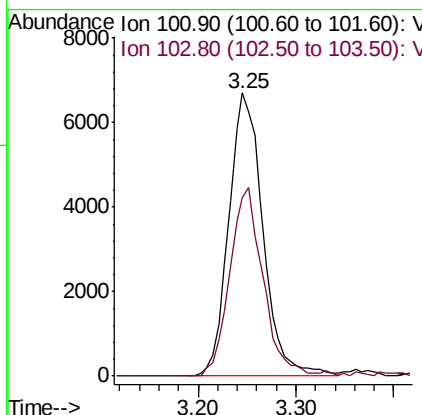
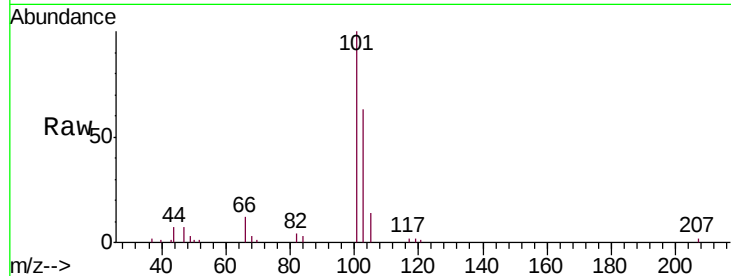
Trichlorofluoromethane
 Concen: 18.62 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	50.8	76.2

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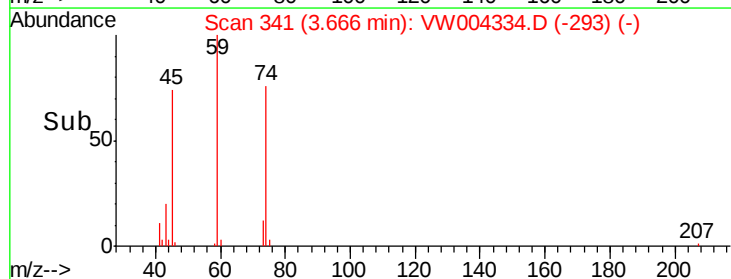
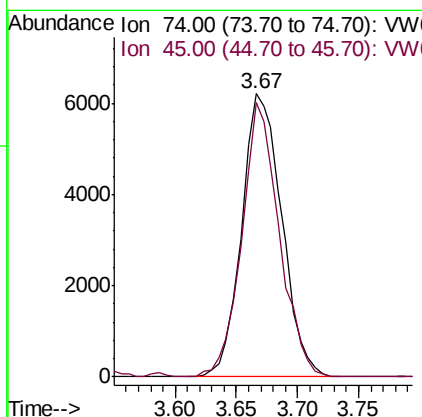
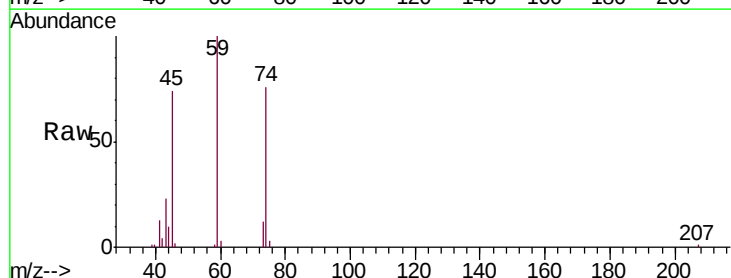
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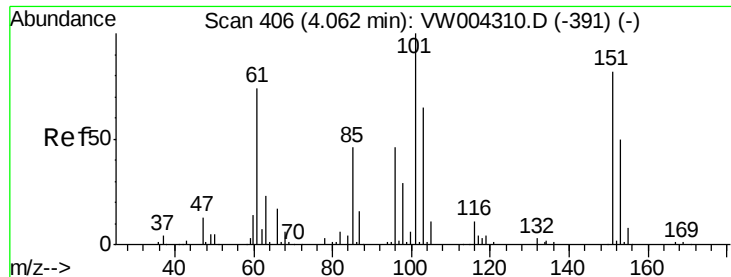


#8

Diethyl Ether
 Concen: 21.27 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.67 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

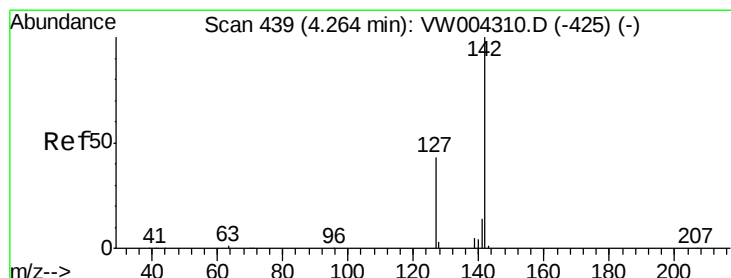
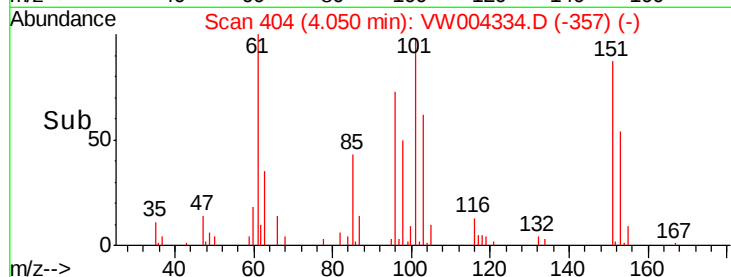
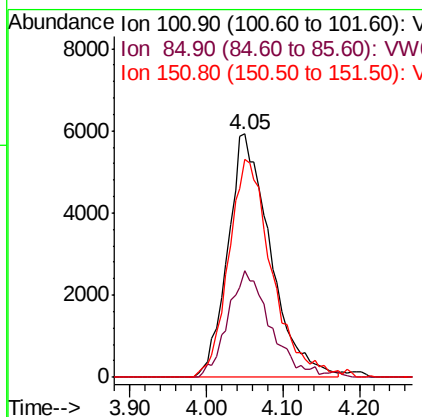
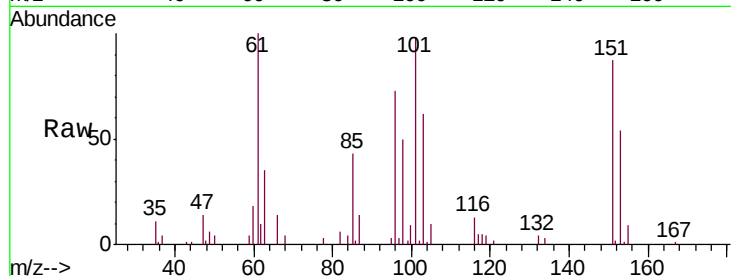
ClientSampleId :

VW0730SBS02

Tot Ion:	101	Resp:	22854
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.5	53.3
151	90.3	64.6	97.0

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#10

Methyl Iodide

Concen: 19.96 ug/l

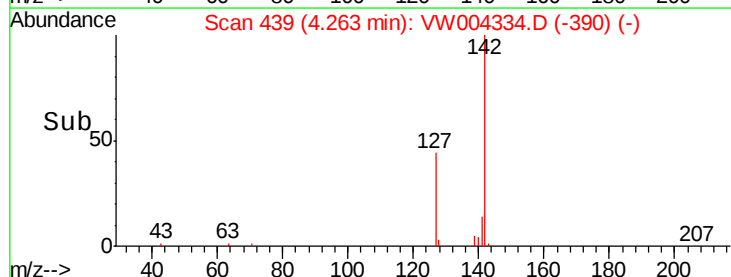
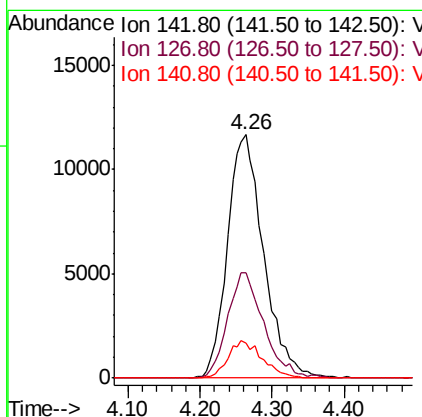
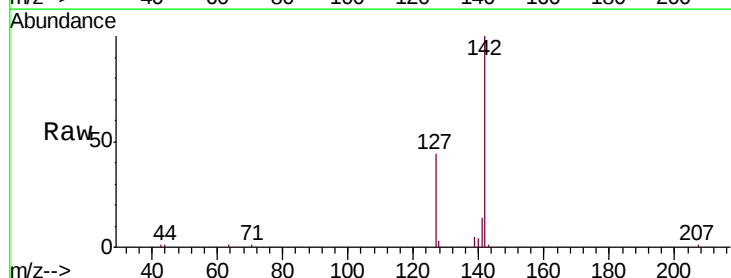
RT: 4.26 min Scan# 439

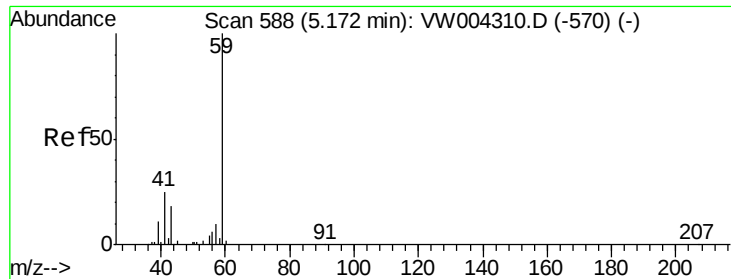
Delta R.T. 0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion:	142	Resp:	40783
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.5	11.5	17.3





#11

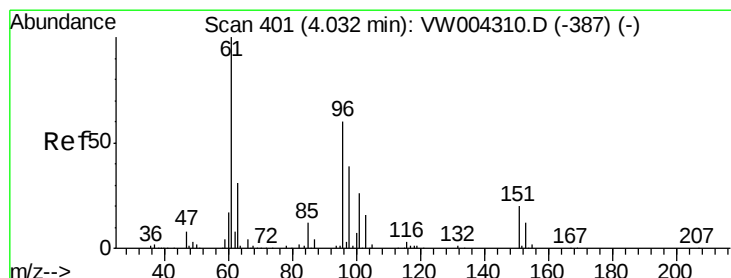
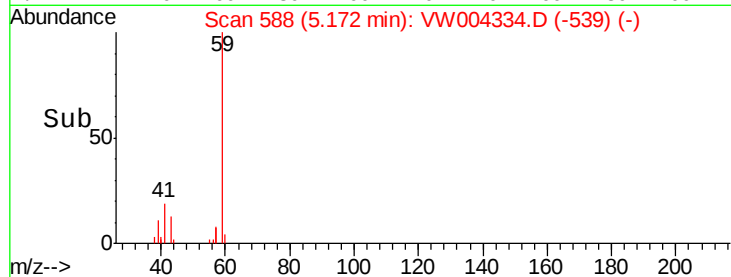
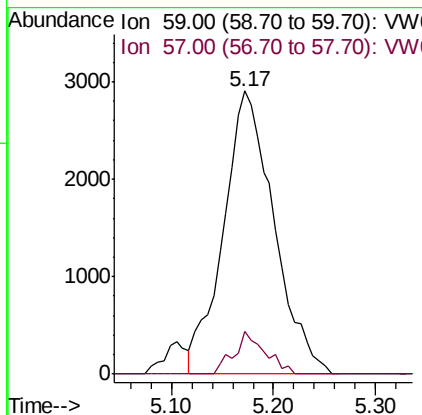
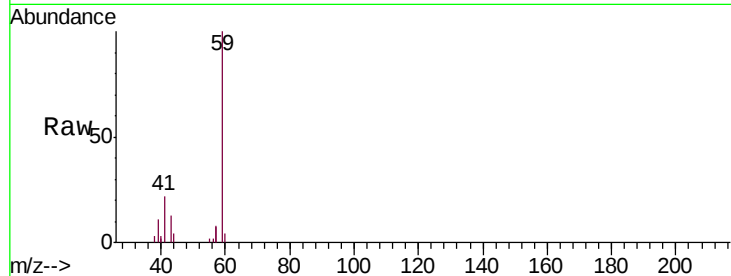
Tert butyl alcohol
 Concen: 102.39 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.4	12.6

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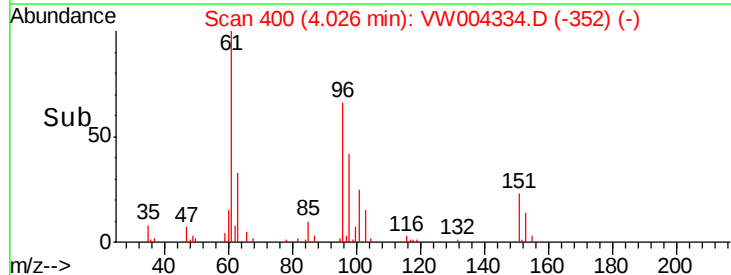
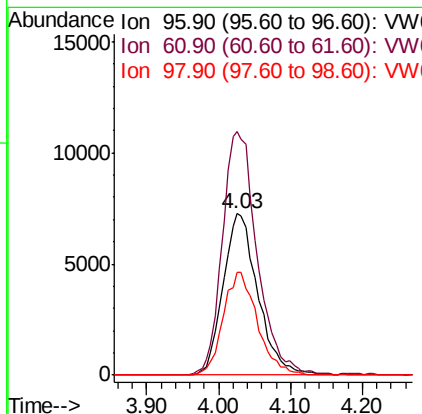
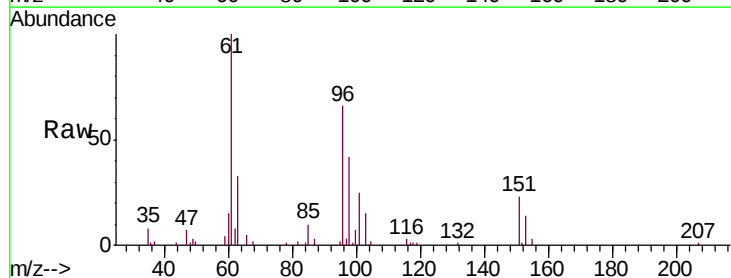
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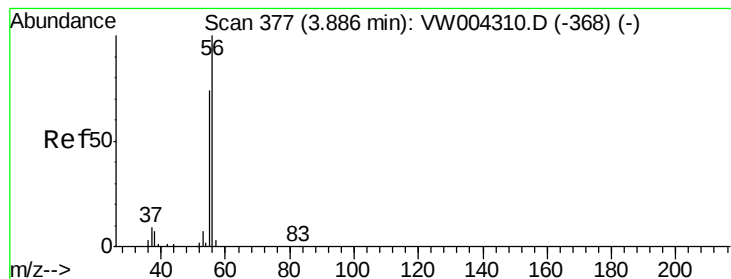


#12

1,1-Dichloroethene
 Concen: 18.05 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.9	133.4	200.0
98	63.6	51.9	77.9





#13

Acrolein

Concen: 68.96 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 56 Resp: 5997

Ion Ratio Lower Upper

56 100

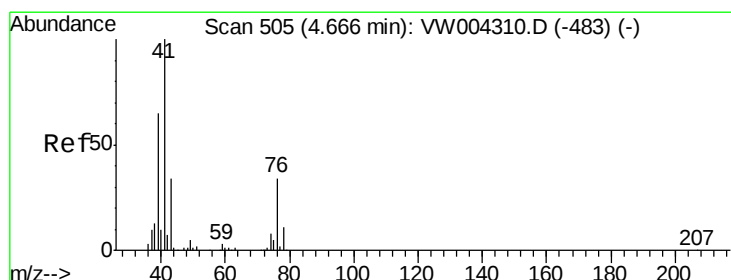
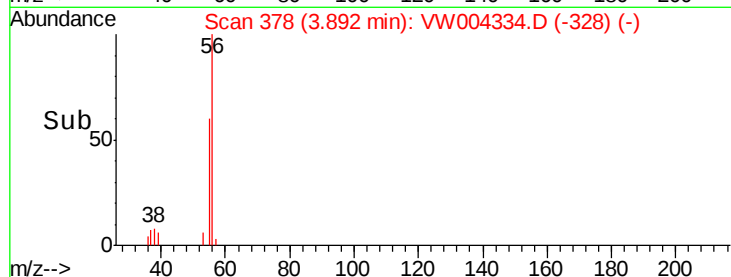
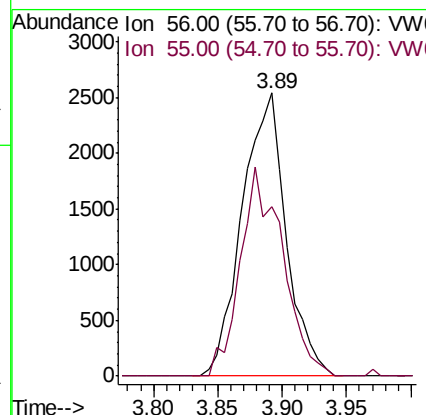
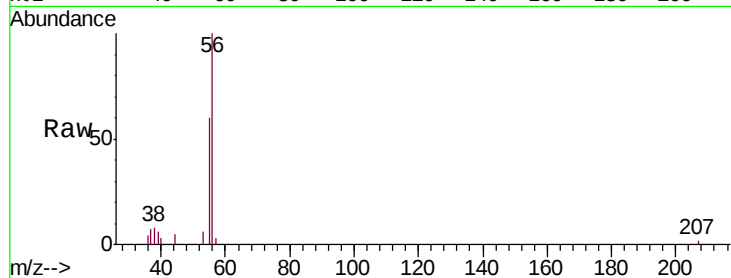
55 71.3 59.4 89.2

Manual Integrations

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#14

Allyl chloride

Concen: 14.76 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

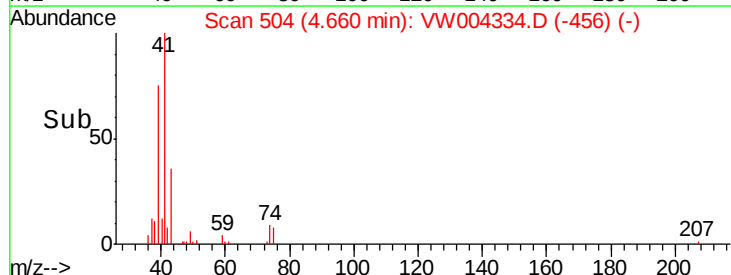
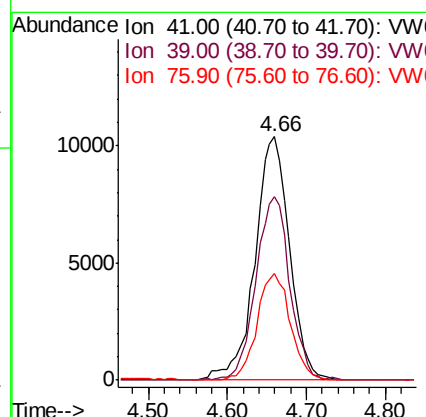
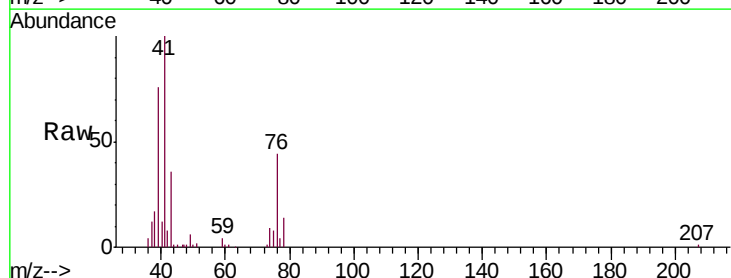
Tgt Ion: 41 Resp: 31666

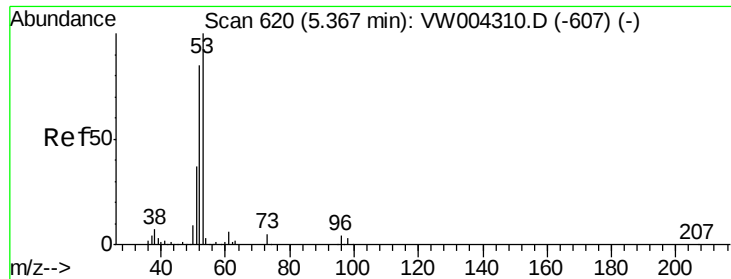
Ion Ratio Lower Upper

41 100

39 73.6 52.3 78.5

76 42.1 27.3 40.9#





#15

Acrylonitrile

Concen: 81.49 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

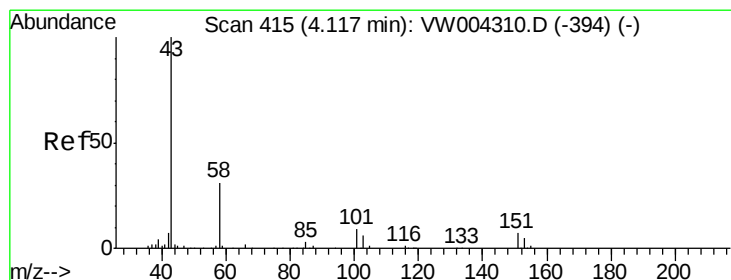
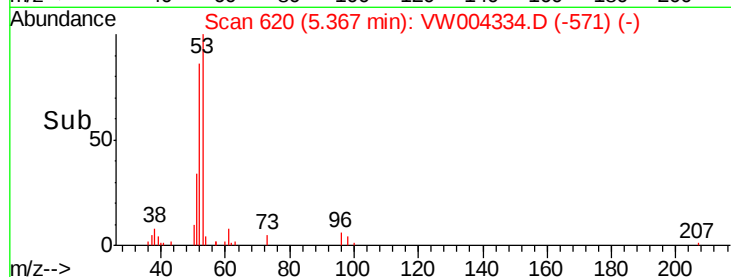
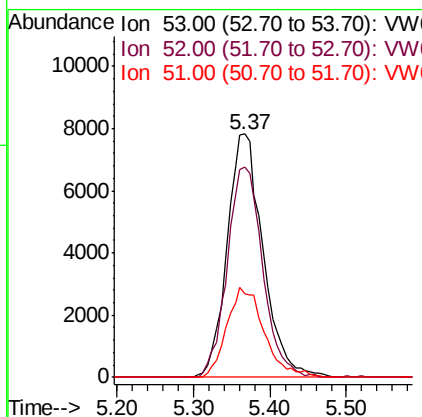
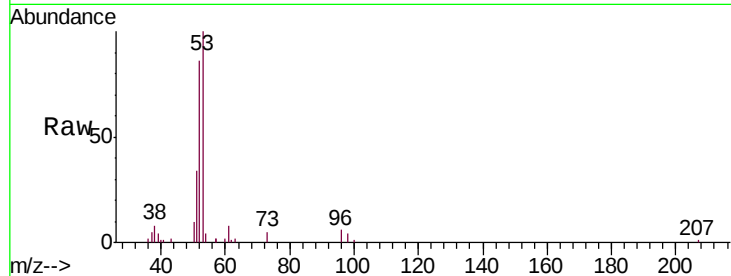
ClientSampleId :

VW0730SBS02

Tot Ion:	53	Resp:	25440
Ion	Ratio	Lower	Upper
53	100		
52	85.3	65.7	98.5
51	38.5	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 71.34 ug/l

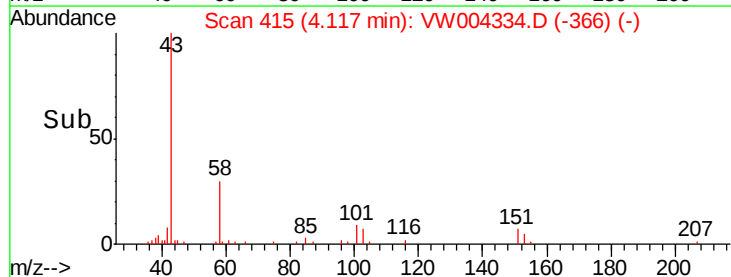
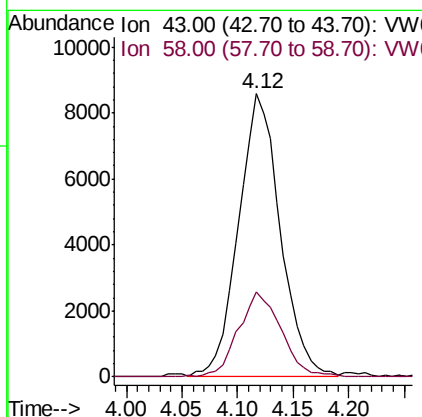
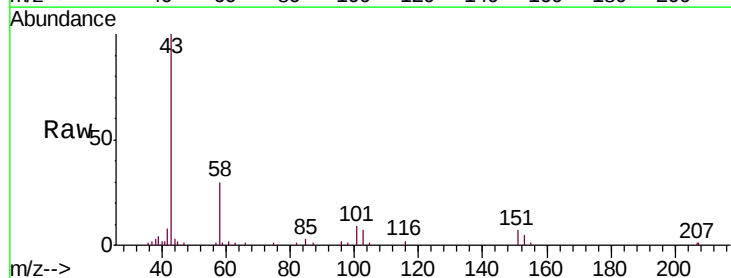
RT: 4.12 min Scan# 415

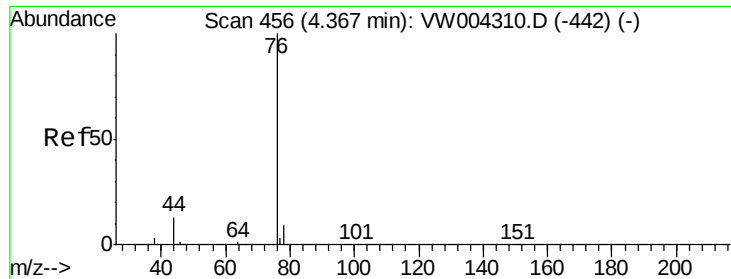
Delta R.T. 0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion:	43	Resp:	22358
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.8	37.2





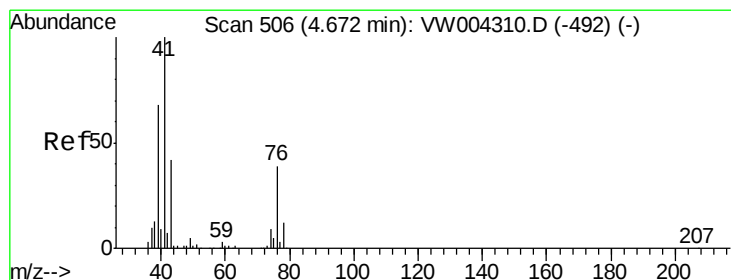
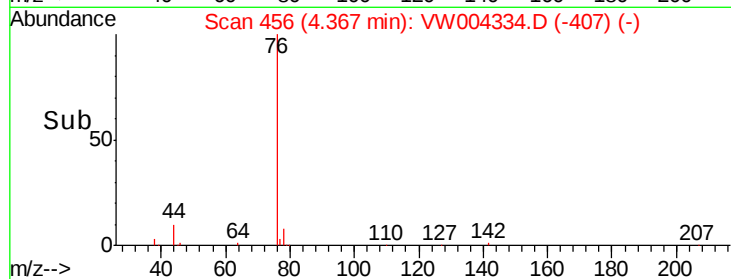
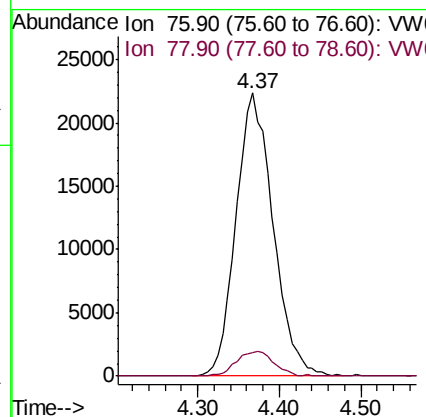
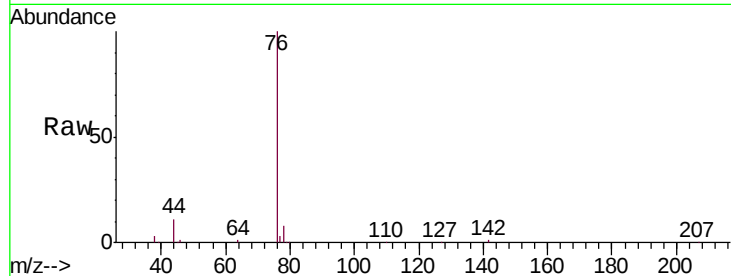
#17
Carbon Disulfide
Concen: 16.57 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.0

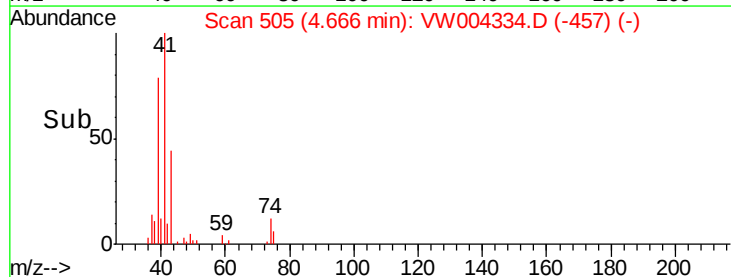
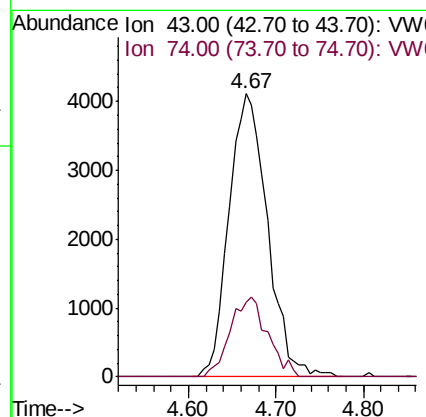
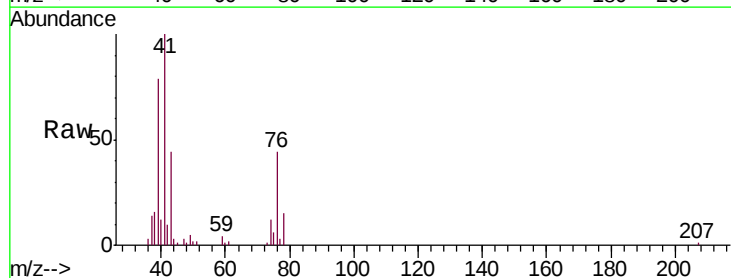
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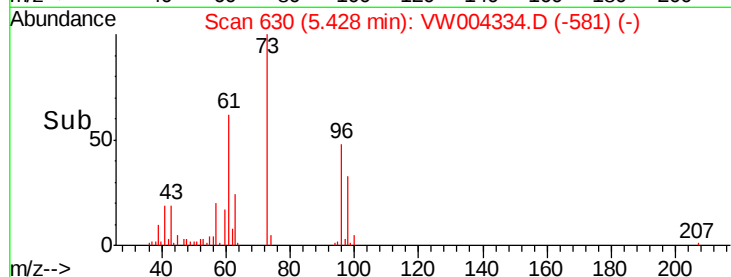
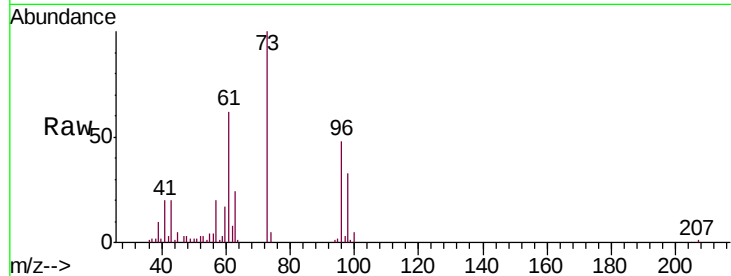
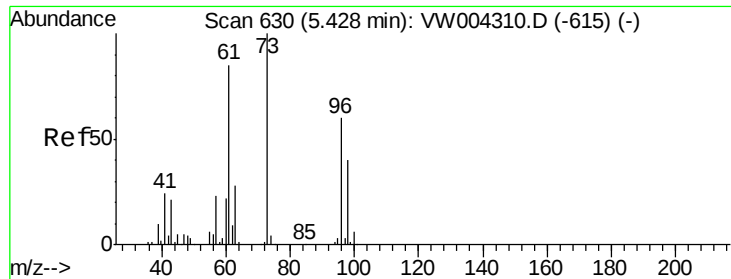
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#18
Methyl Acetate
Concen: 16.21 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	17.8	26.6#





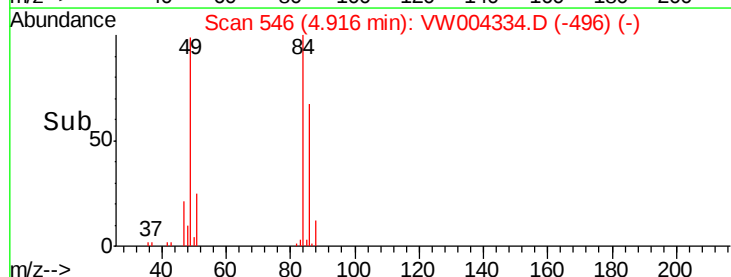
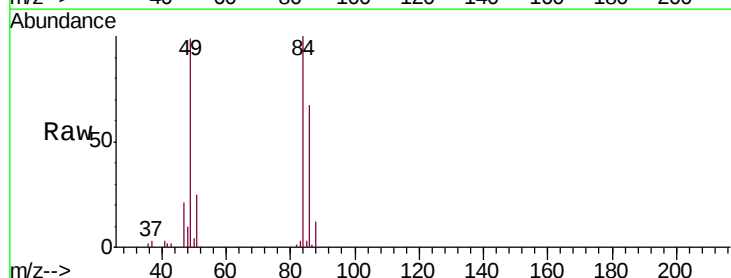
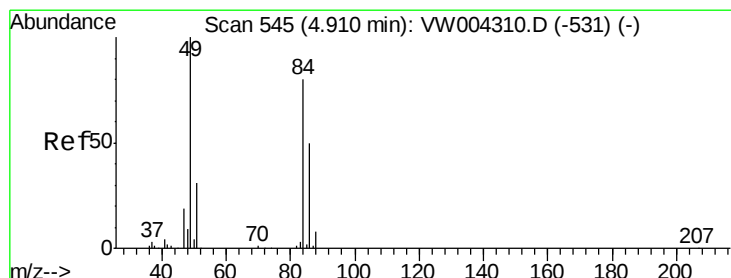
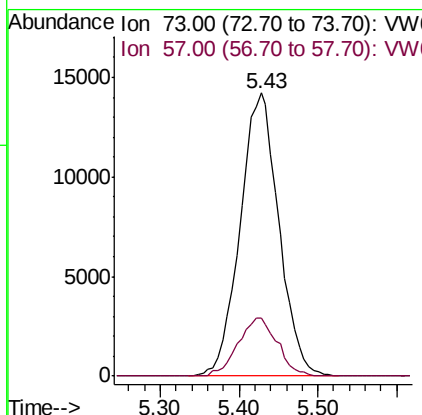
#19
Methvl tert-butvl Ether
Concen: 19.43 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tot Ion: 73 Resp: 48499
Ion Ratio Lower Upper
73 100
57 20.5 18.4 27.6

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

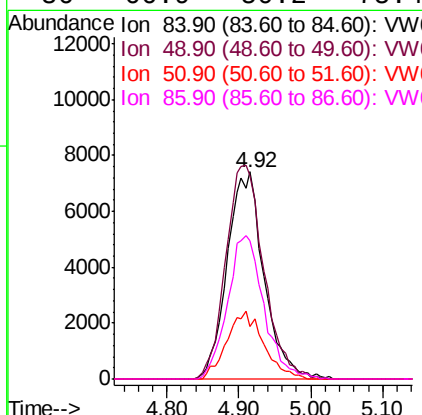
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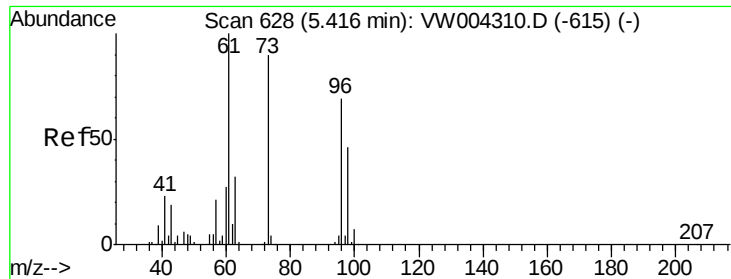
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#20
Methylene Chloride
Concen: 17.98 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 84 Resp: 26282
Ion Ratio Lower Upper
84 100
49 98.5 100.5 150.7#
51 25.4 30.9 46.3#
86 66.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 18.04 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

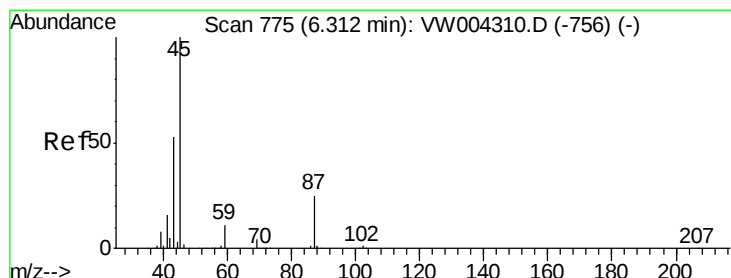
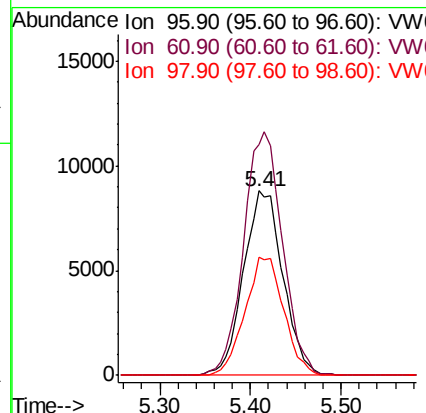
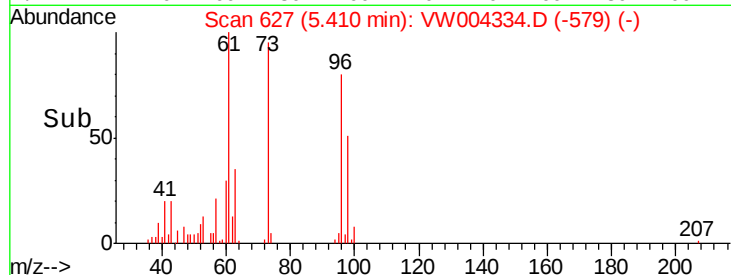
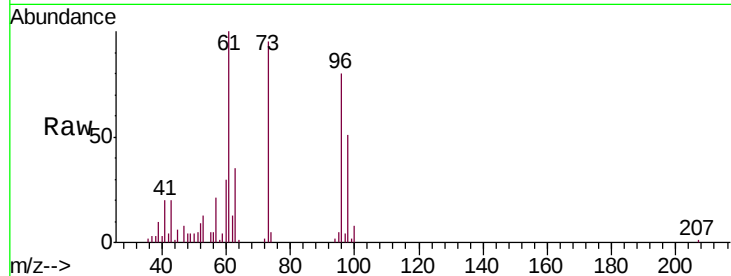
ClientSampleId :

VW0730SBS02

Tot Ion:	96	Resp:	26520
Ion	Ratio	Lower	Upper
96	100		
61	125.5	116.2	174.2
98	64.2	52.9	79.3

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#22

Diisopropyl ether

Concen: 15.59 ug/l

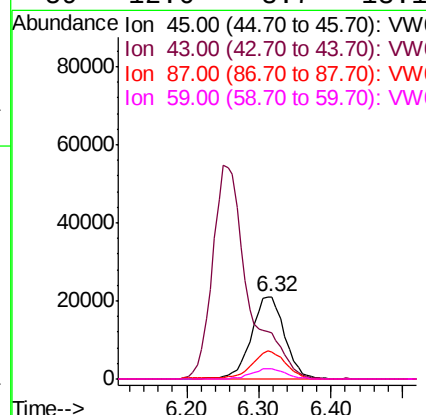
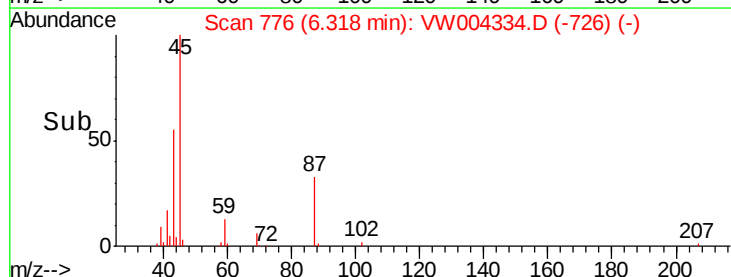
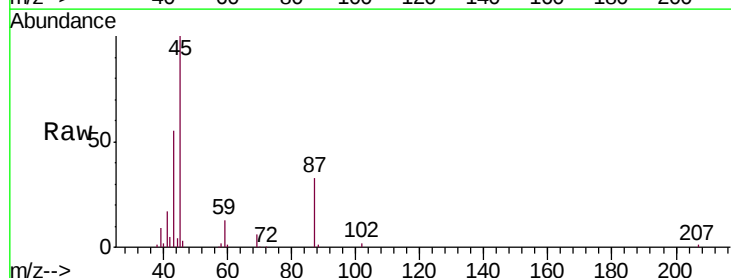
RT: 6.32 min Scan# 776

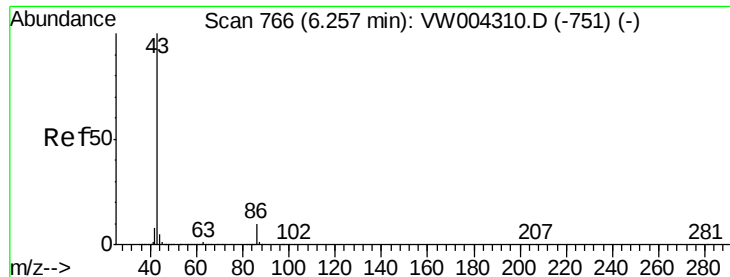
Delta R.T. 0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion:	45	Resp:	67705
Ion	Ratio	Lower	Upper
45	100		
43	55.2	42.3	63.5
87	32.6	19.9	29.9
59	12.6	8.7	13.1





#23

Vinyl Acetate

Concen: 74.91 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 43 Resp: 188686

Ion Ratio Lower Upper

43 100

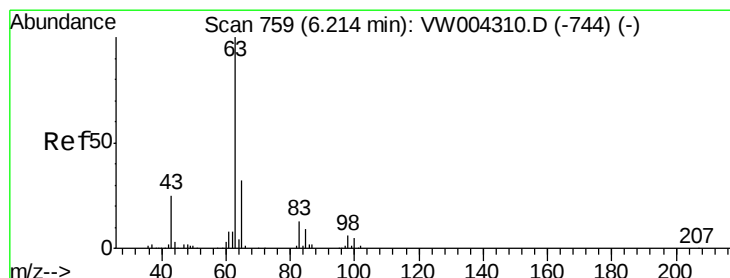
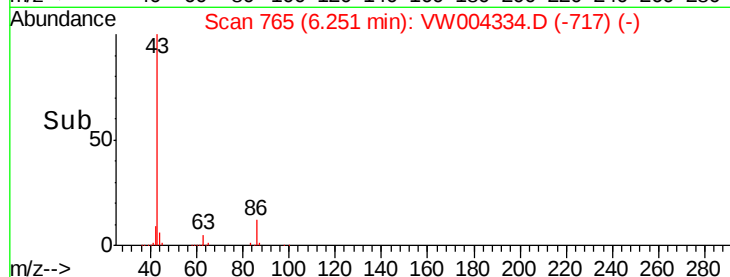
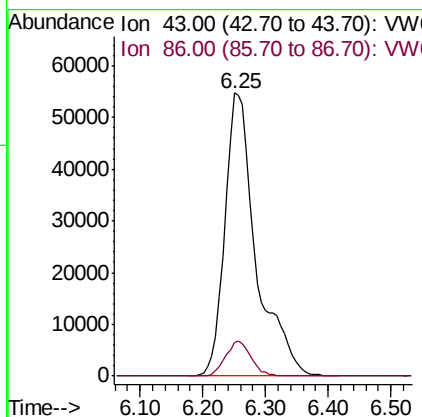
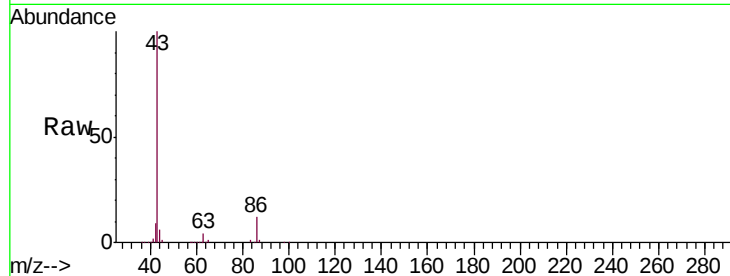
86 11.9 7.7 11.5#

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#24

1,1-Dichloroethane

Concen: 16.99 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

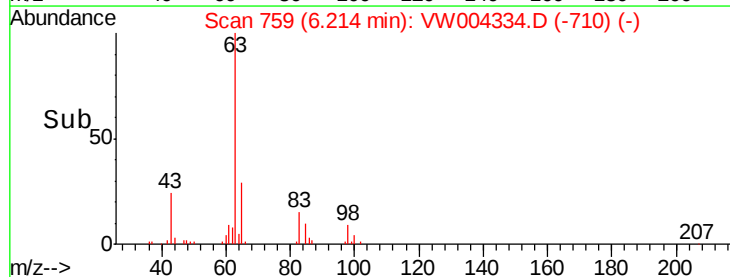
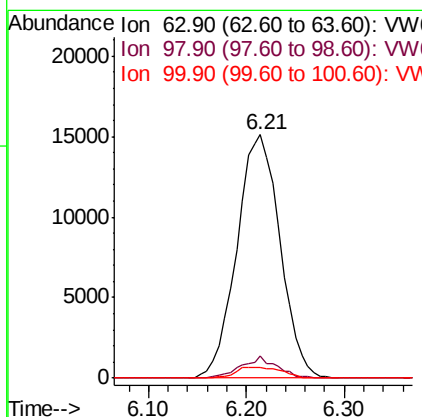
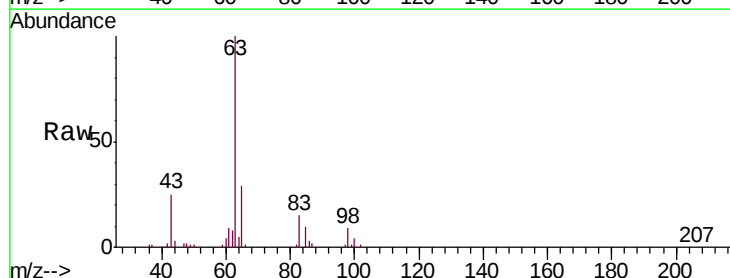
Tgt Ion: 63 Resp: 46402

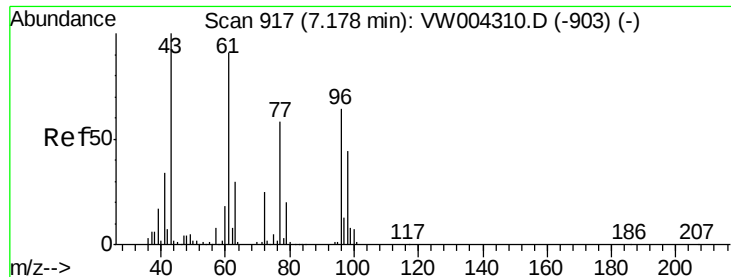
Ion Ratio Lower Upper

63 100

98 9.1 3.2 9.6

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 79.90 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 43 Resp: 32095

Ion Ratio Lower Upper

43 100

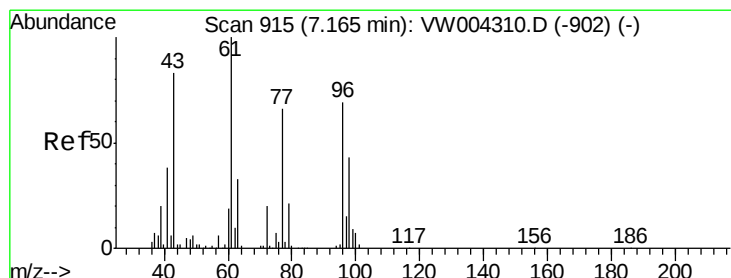
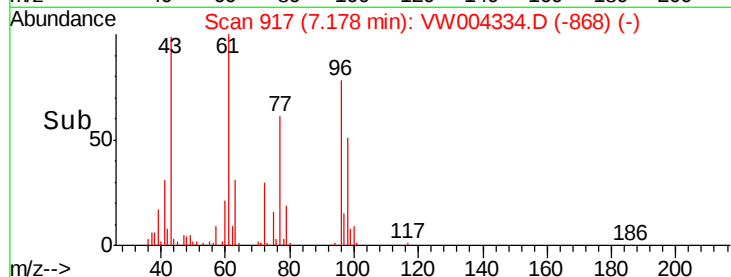
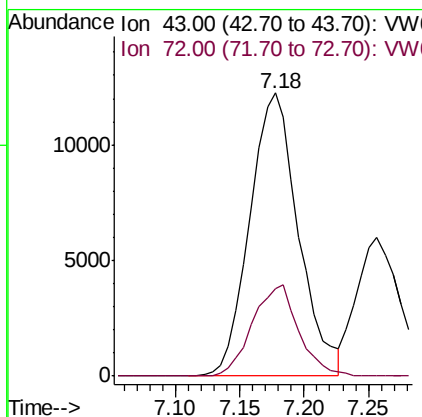
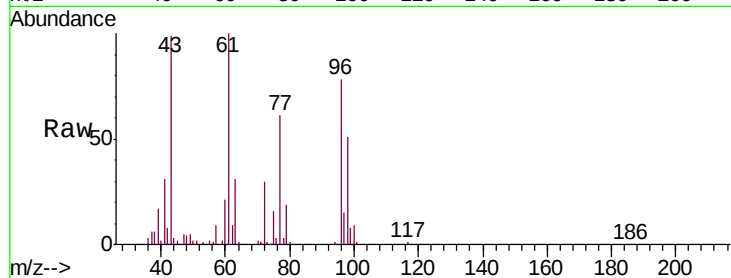
72 30.8 20.3 30.5#

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#26

2,2-Dichloropropane

Concen: 16.18 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004334.D

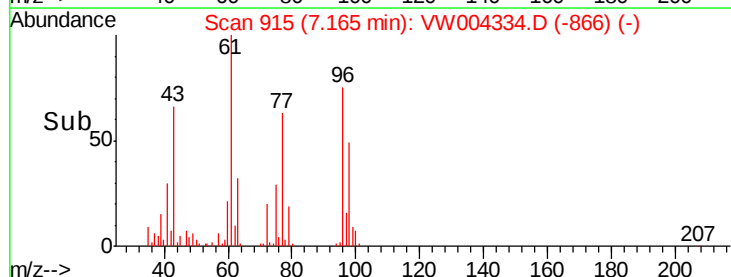
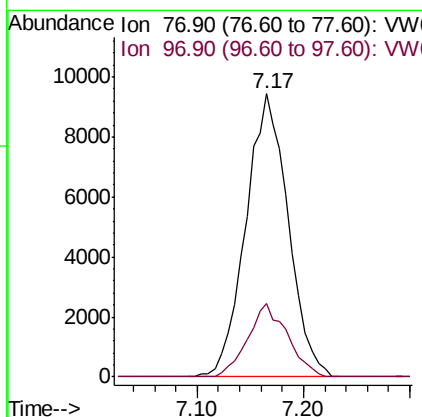
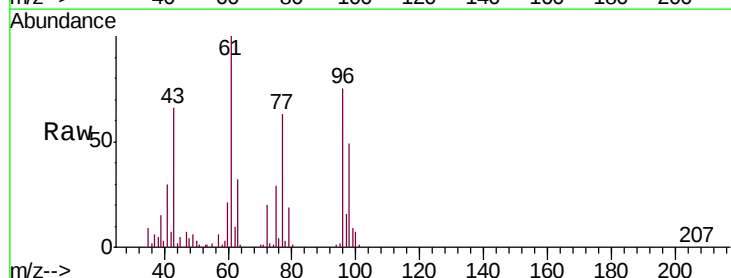
Acq: 30 Jul 2018 02:00

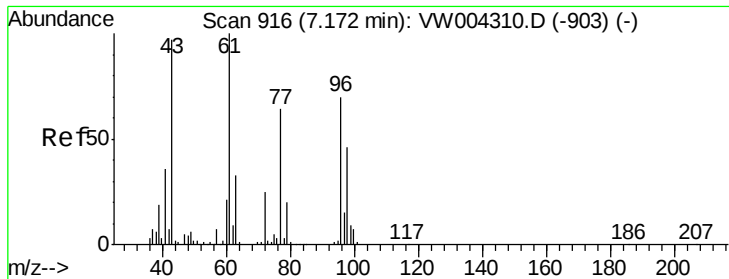
Tgt Ion: 77 Resp: 26245

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1





#27

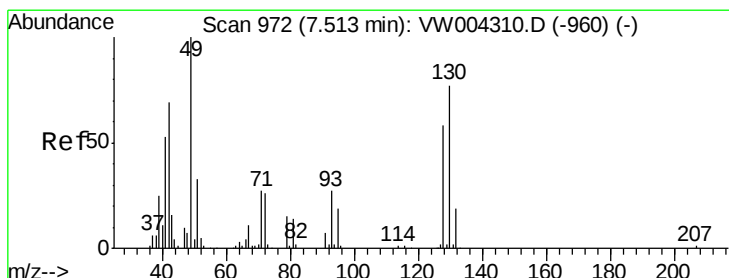
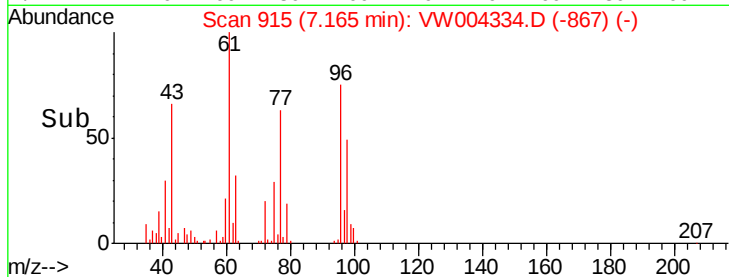
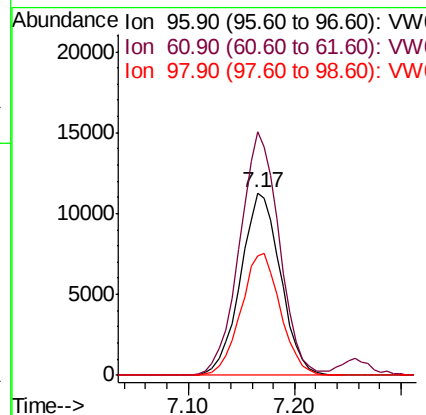
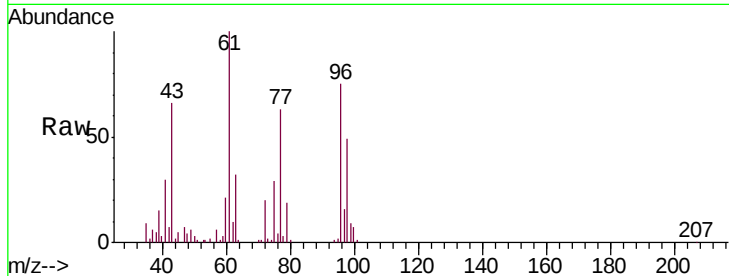
cis-1,2-Dichloroethene
 Concen: 19.04 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	292.0
98	66.2	0.0	129.6

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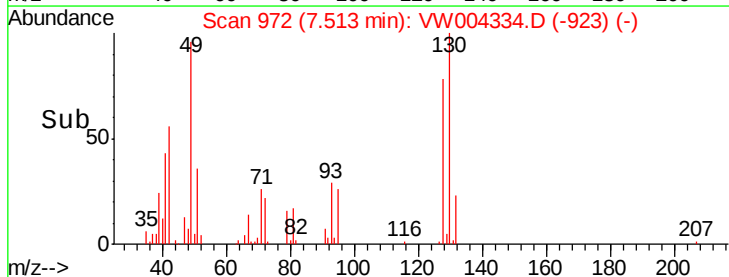
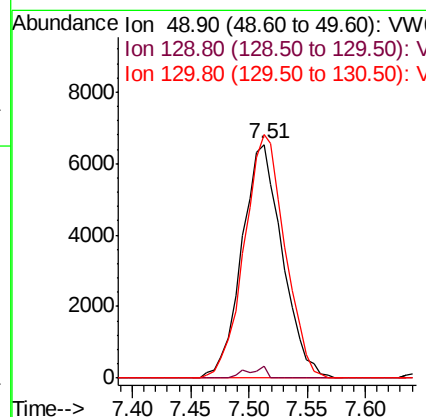
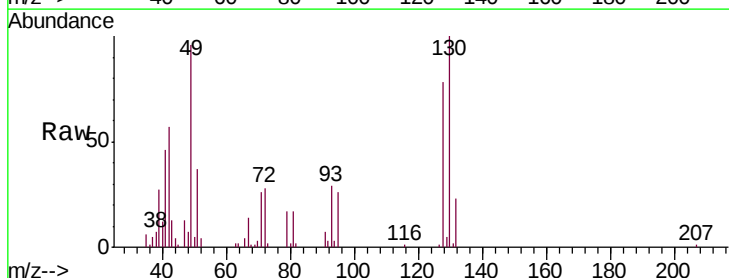
apatel
 7/30/2018 10:33:54 AM

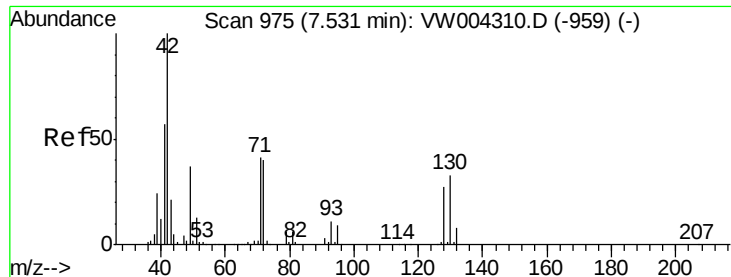


#28

Bromochloromethane
 Concen: 16.15 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	104.5	61.5	92.3#





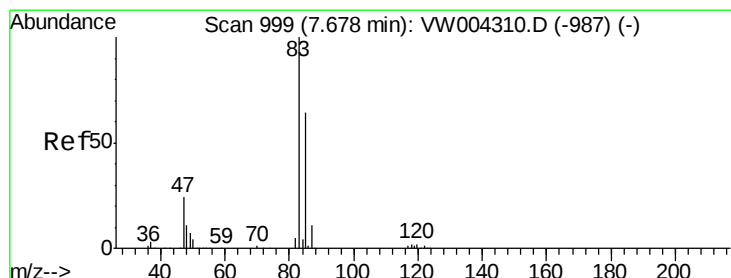
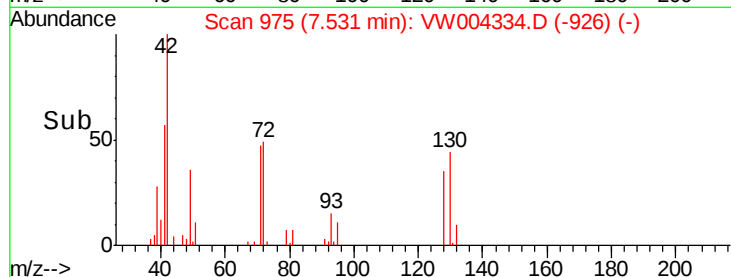
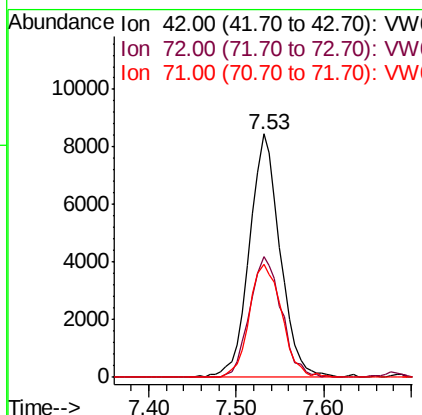
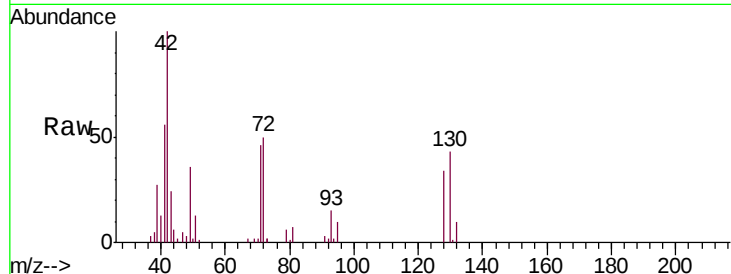
#29
Tetrahydrofuran
Concen: 76.36 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	32.6	48.8#
71	49.0	31.3	46.9#

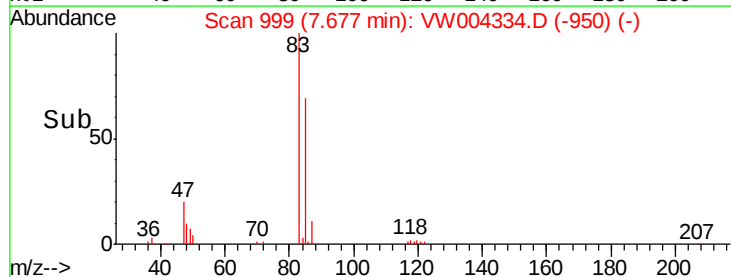
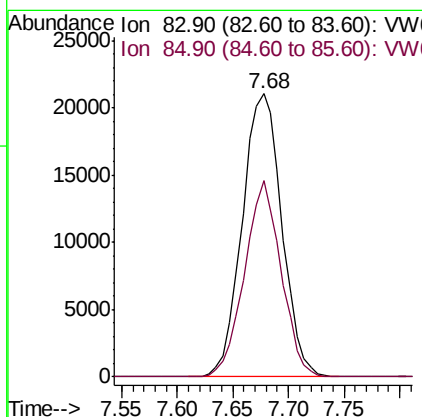
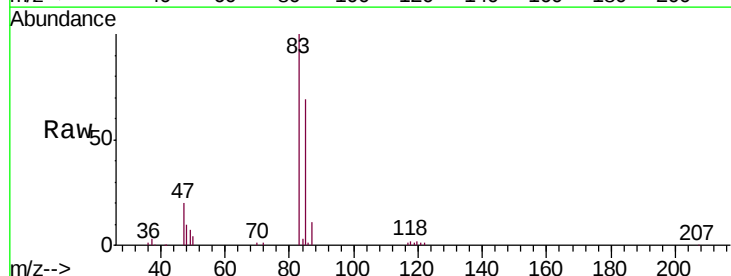
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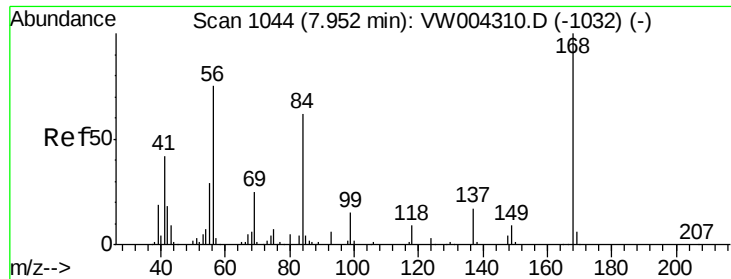
apatel
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#30
Chloroform
Concen: 19.47 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	51.5	77.3





#31

Cyclohexane

Concen: 14.93 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

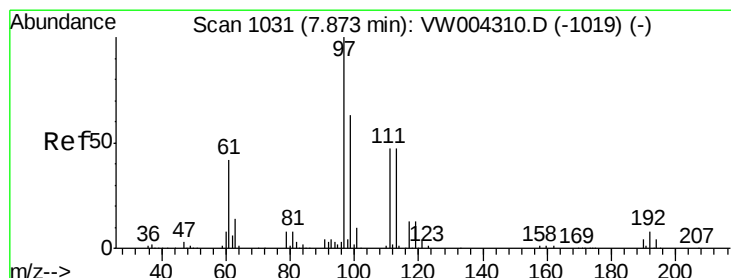
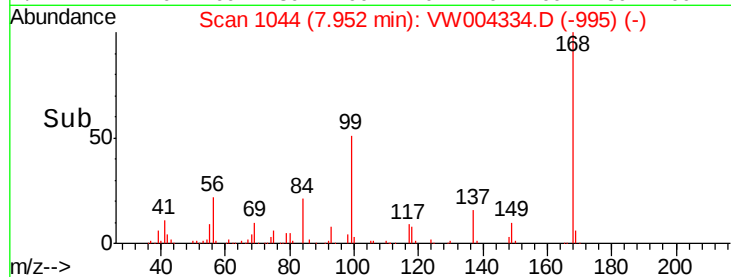
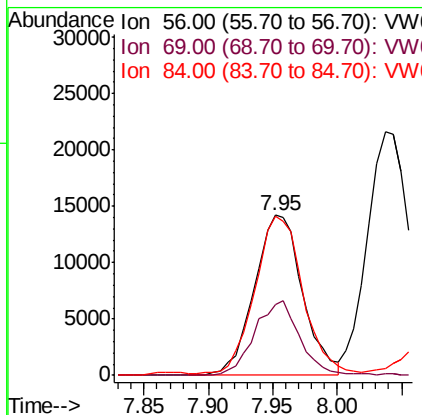
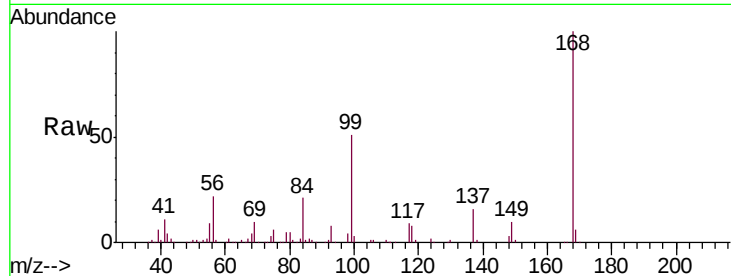
ClientSampleId :

VW0730SBS02

Tot Ion:	56	Resp:	36868
Ion Ratio	Lower	Upper	
56	100		
69	44.3	26.3	39.5#
84	98.0	66.2	99.4

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#32

1,1,1-Trichloroethane

Concen: 19.53 ug/l

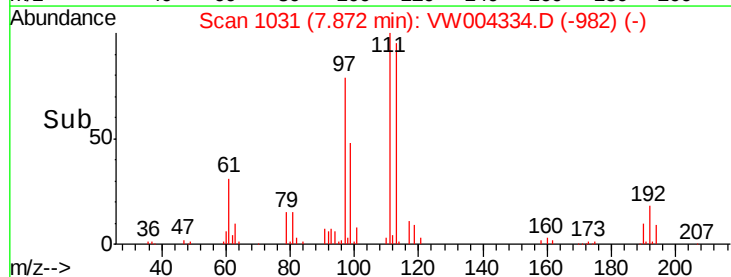
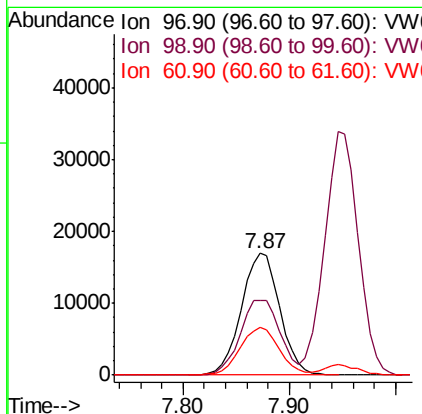
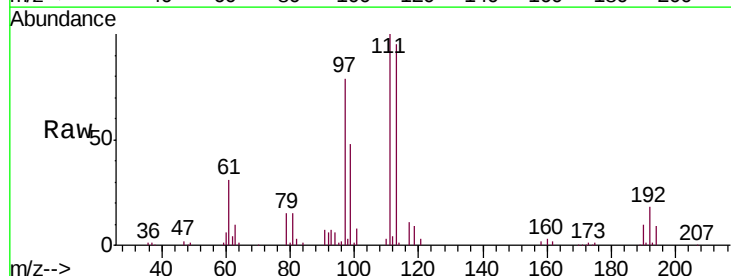
RT: 7.87 min Scan# 1031

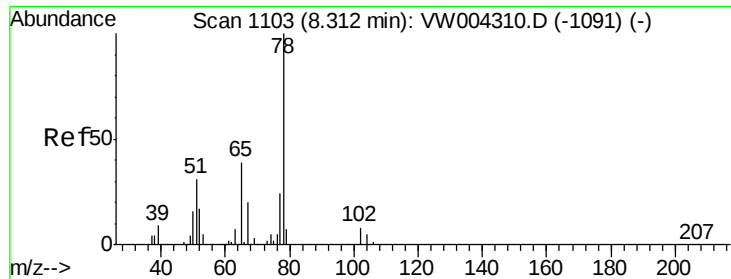
Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion:	97	Resp:	42837
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.7	77.5
61	39.6	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 50.16 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 65 Resp: 72544

Ion Ratio Lower Upper

65 100

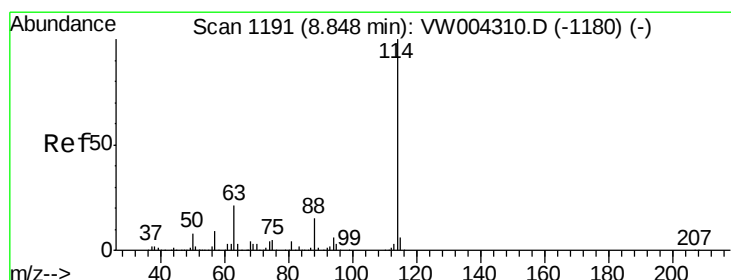
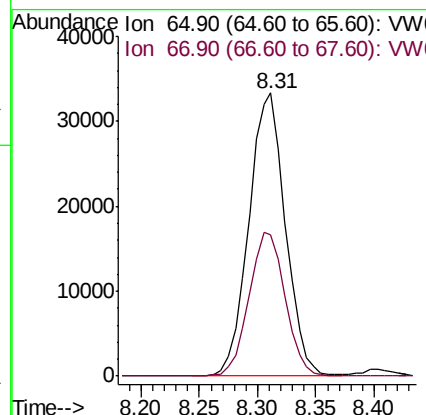
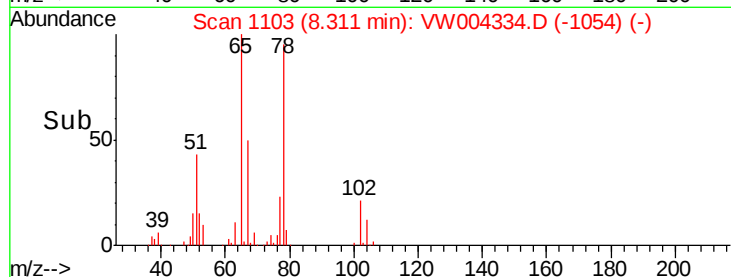
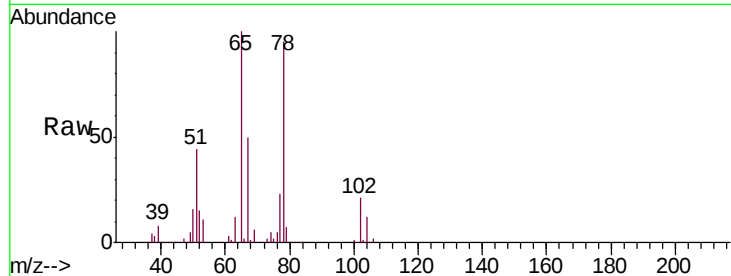
67 50.4 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

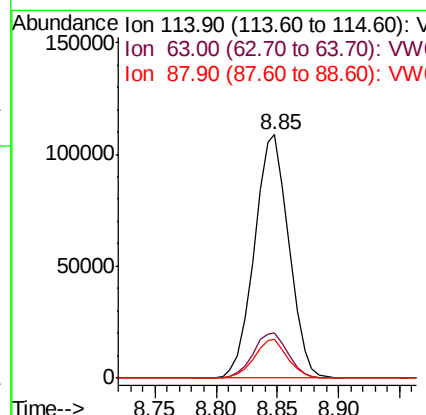
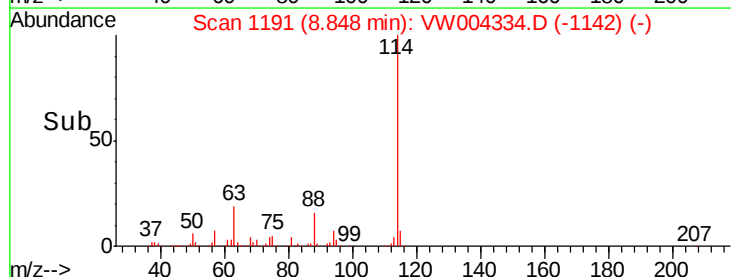
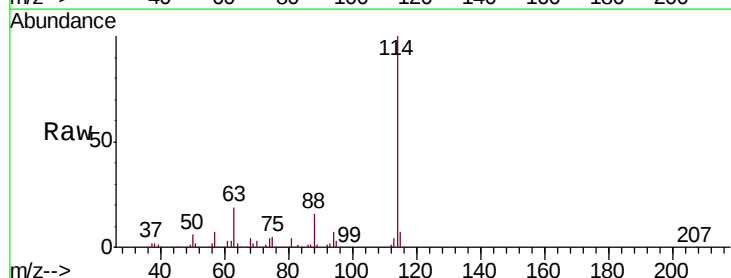
Tgt Ion: 114 Resp: 213238

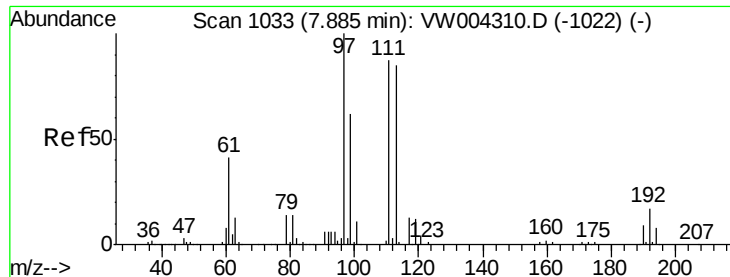
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

88 15.8 0.0 30.6





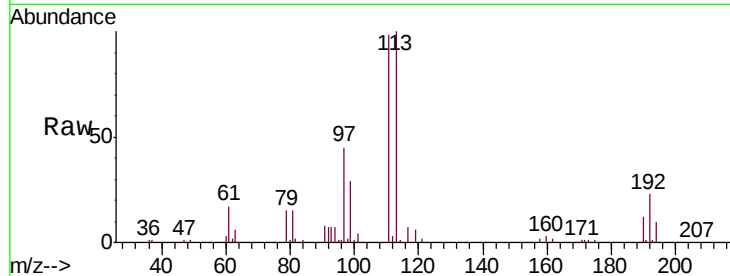
#35
 Dibromofluoromethane
 Concen: 49.76 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	67055		
111	101.3	82.1	123.1	
192	22.9	16.2	24.4	

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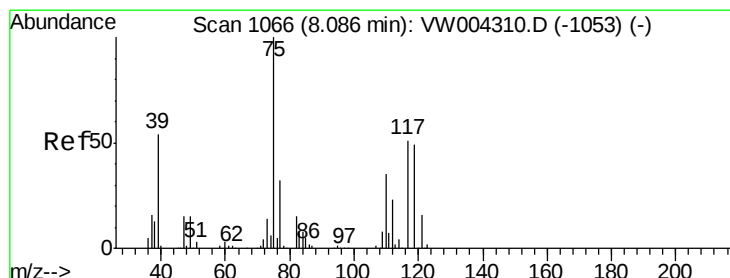
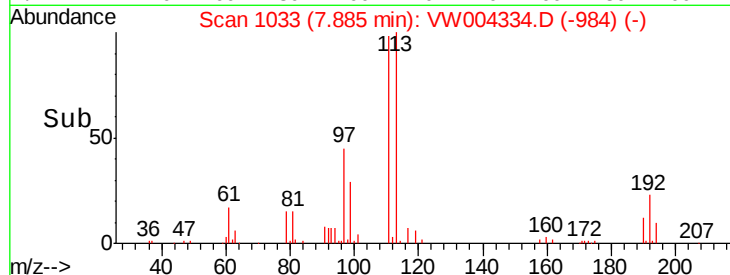
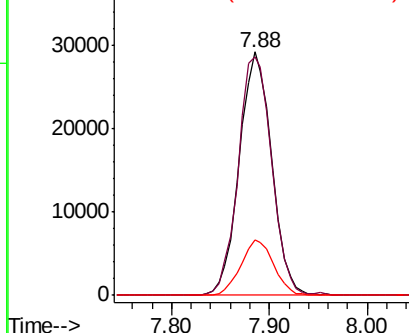


Abundance

Ion 112.80 (112.50 to 113.50): V

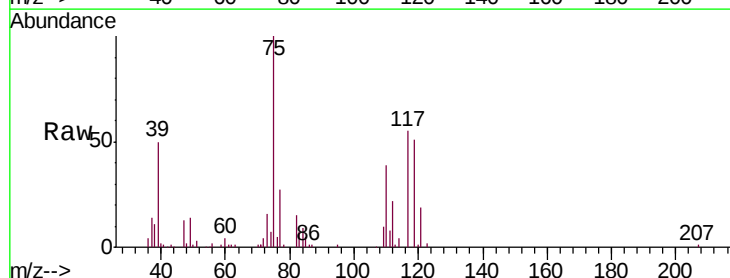
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 17.74 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37852		
110	37.5	17.3	52.0	
77	29.6	25.0	37.6	

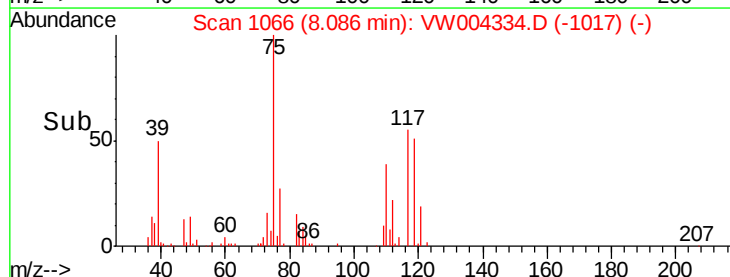
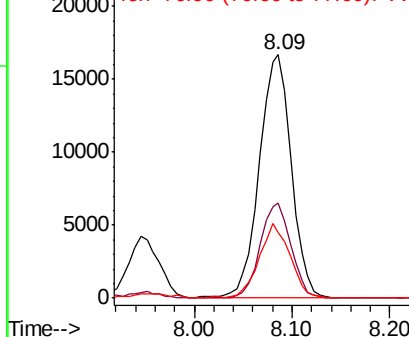


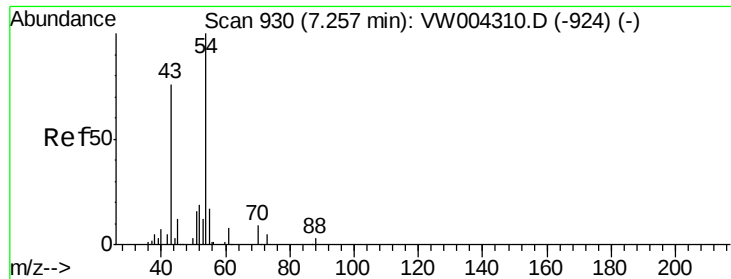
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





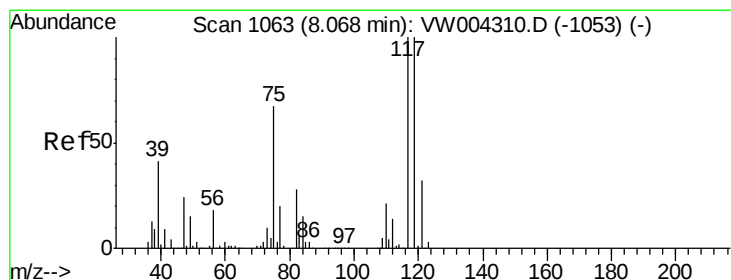
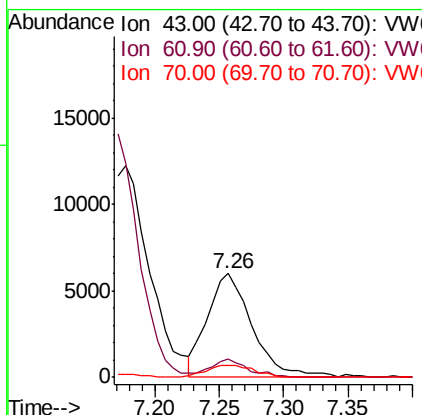
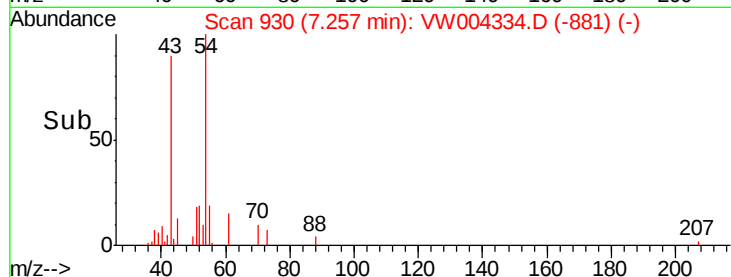
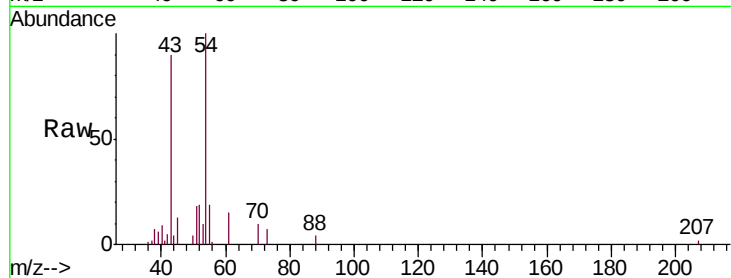
#37
Ethyl Acetate
Concen: 16.72 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	12.4	7.8	11.6

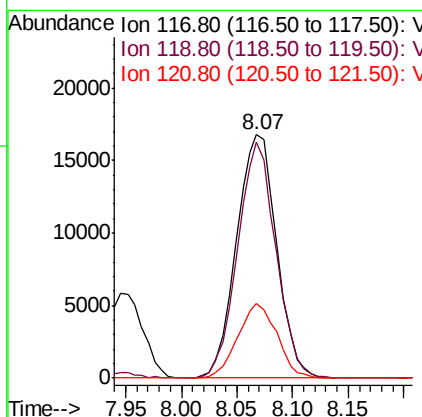
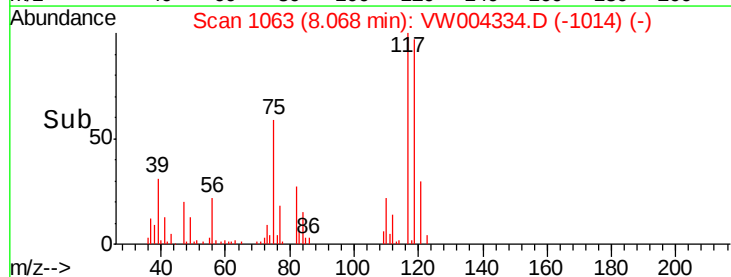
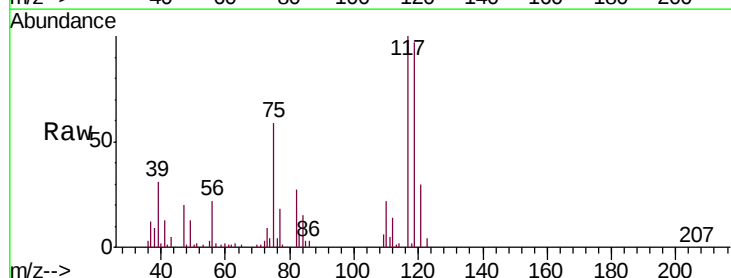
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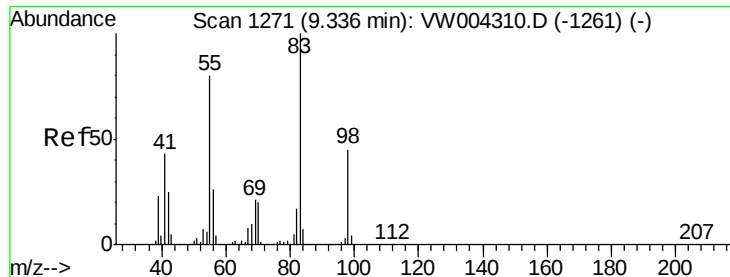
apatel
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#38
Carbon Tetrachloride
Concen: 19.87 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.7	119.5
121	30.5	25.7	38.5





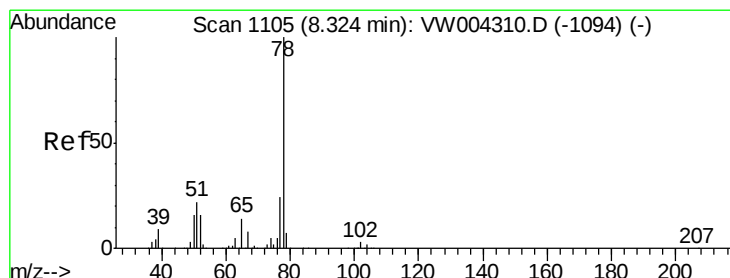
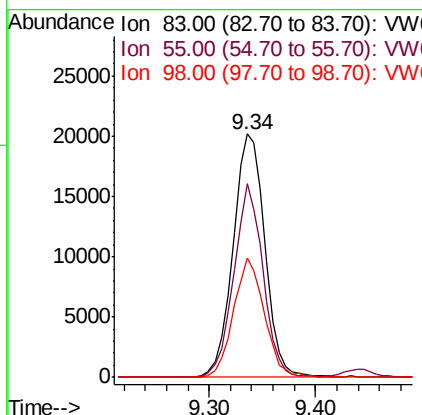
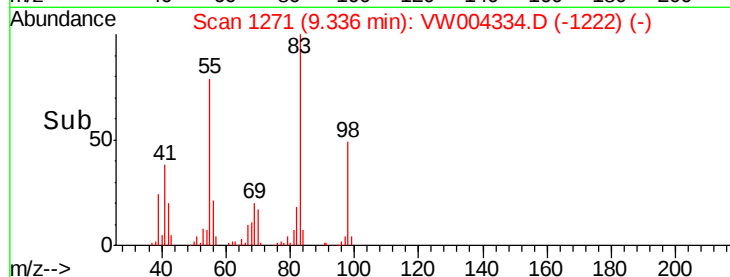
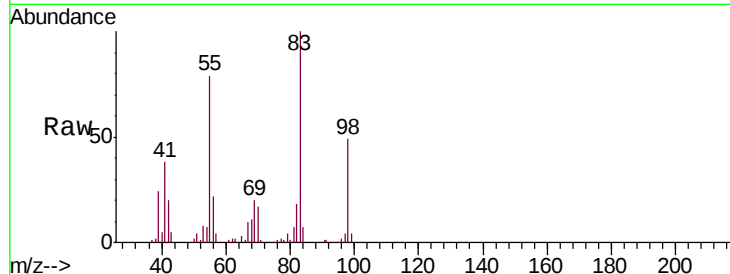
#39
Methvlcvclohexane
Concen: 16.45 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	64.3	96.5
98	48.9	36.3	54.5

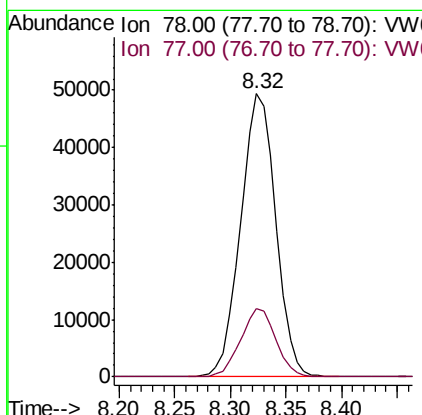
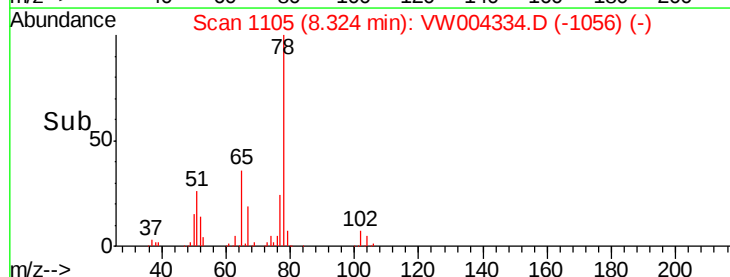
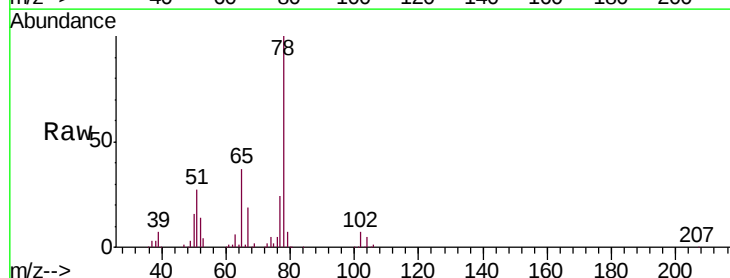
Manual Integrations
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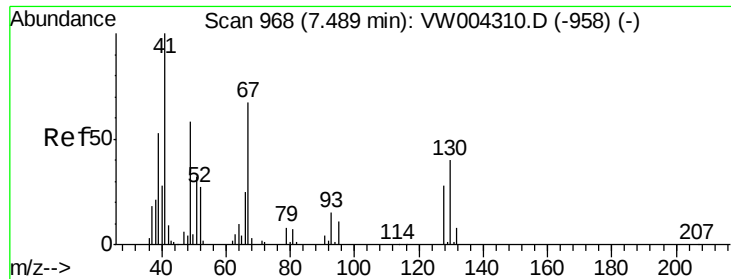
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#40
Benzene
Concen: 18.04 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





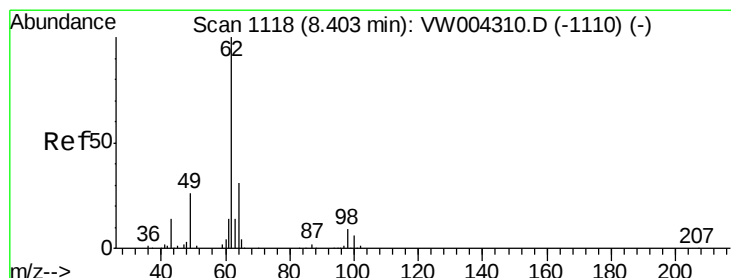
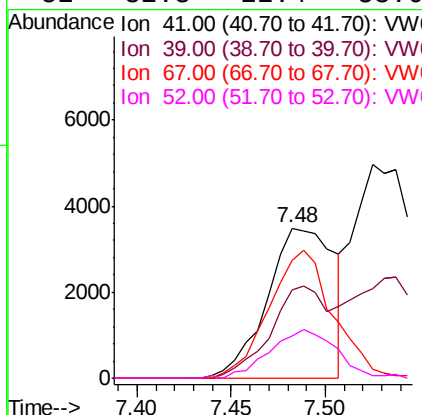
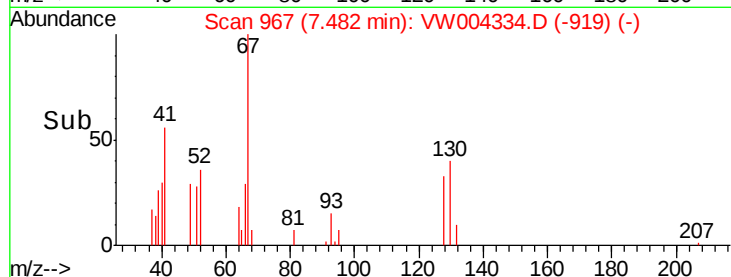
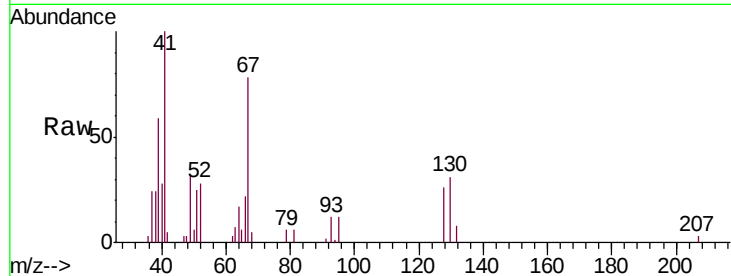
#41
Methacrylonitrile
Concen: 16.52 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	41	Resp:	8629
Ion Ratio	Lower	Upper	
41	100		
39	49.4	41.2	61.8
67	81.6	53.4	80.0#
52	32.3	22.4	33.6

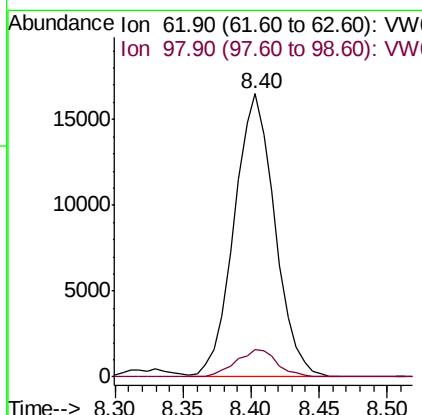
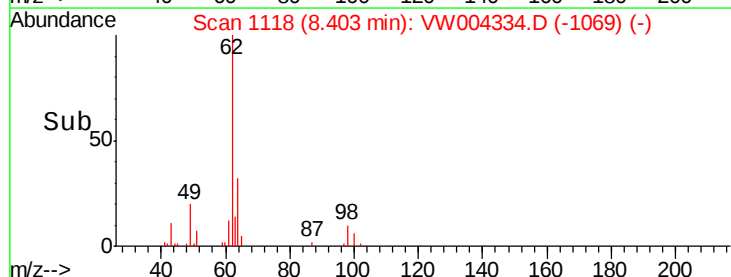
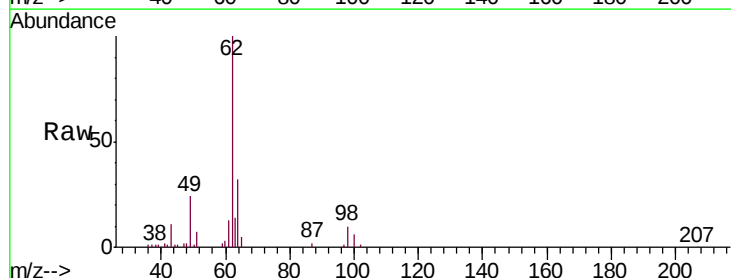
Manual Integrations
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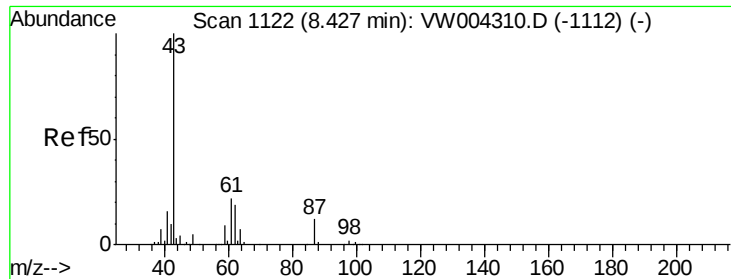
apatel
7/30/2018 10:33:54 AM



#42
1,2-Dichloroethane
Concen: 20.05 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	62	Resp:	34405
Ion Ratio	Lower	Upper	
62	100		
98	9.8	0.0	18.4





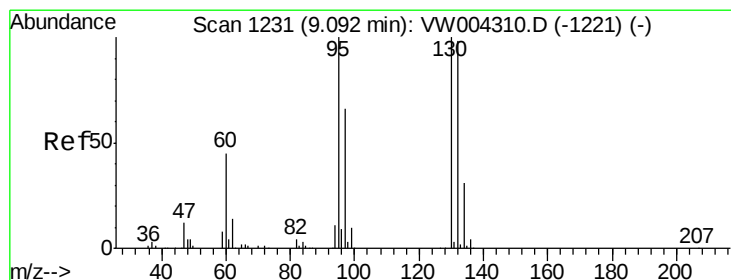
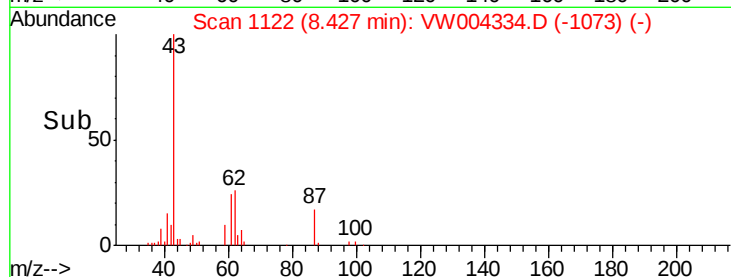
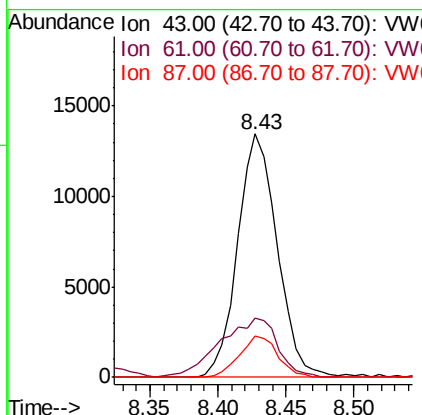
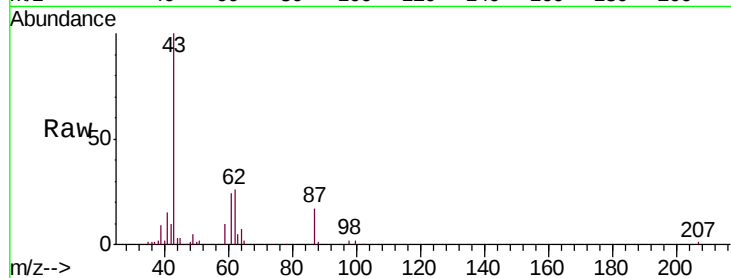
#43
Isopropyl Acetate
Concen: 17.36 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.3	24.5	36.7
87	16.6	10.4	15.6

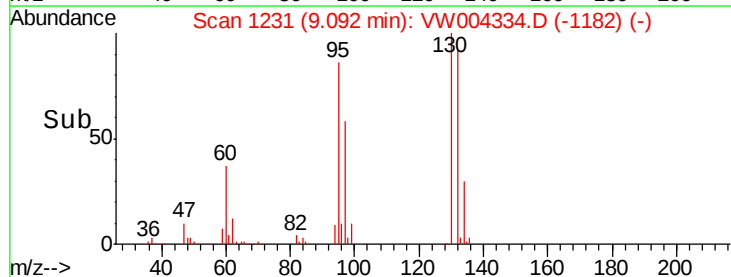
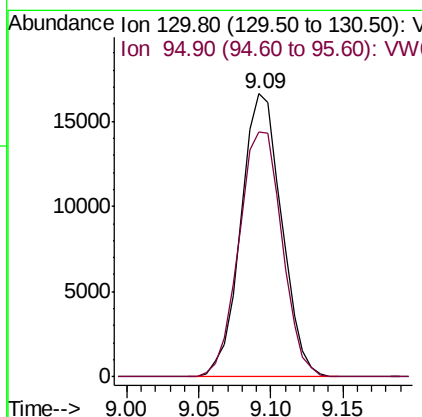
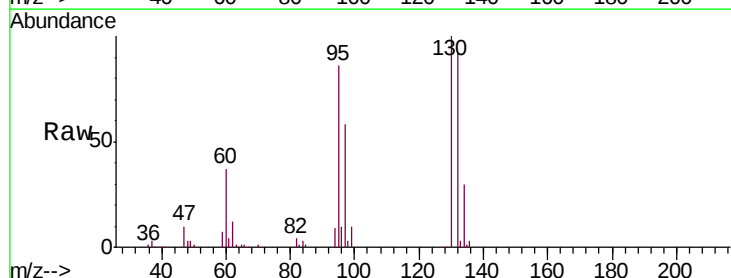
Manual Integrations
APPROVED

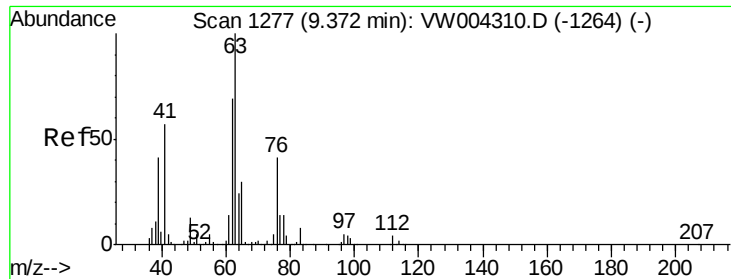
apatel
7/30/2018 10:33:54 AM



#44
Trichloroethene
Concen: 20.08 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	199.4





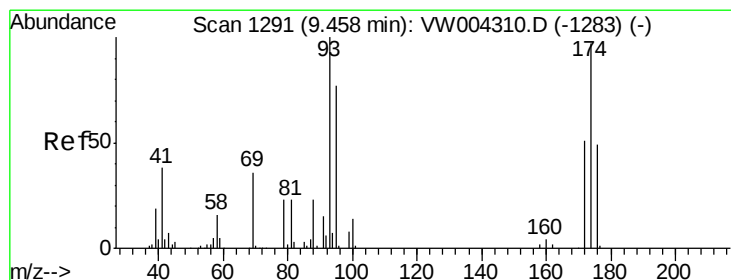
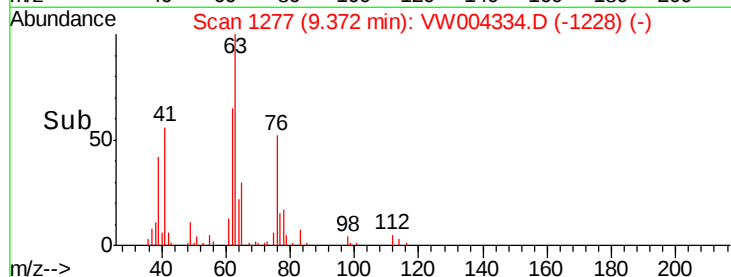
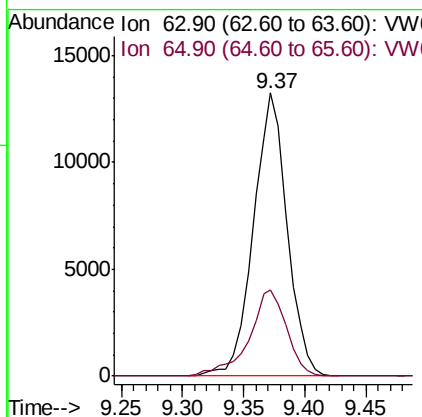
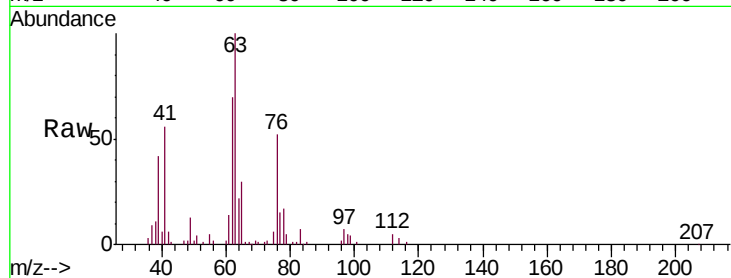
#45
 1,2-Dichloropropane
 Concen: 17.04 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.9	35.9

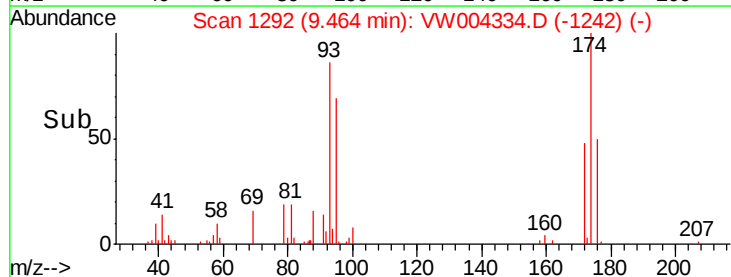
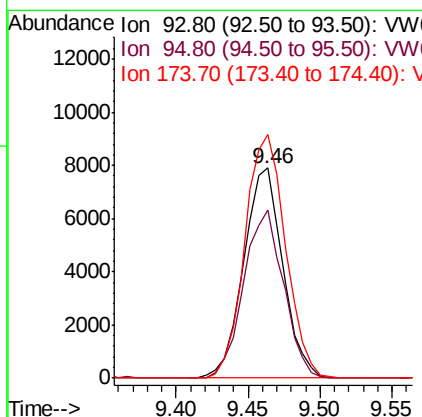
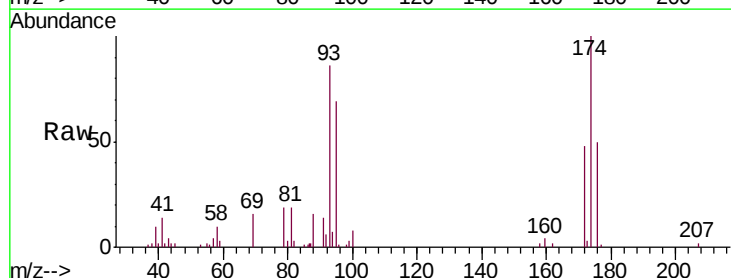
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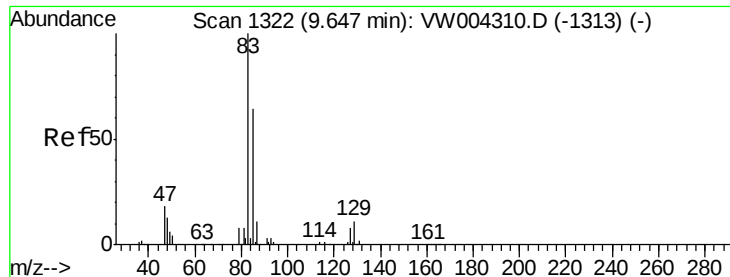
apatel
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#46
 Dibromomethane
 Concen: 19.51 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.0	65.8	98.8
174	120.0	83.7	125.5





#47

Bromodichloromethane

Concen: 19.27 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

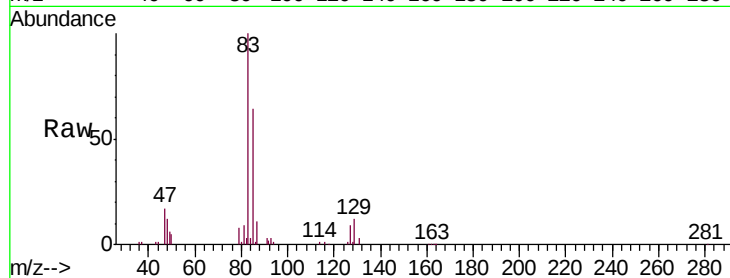
ClientSampleId :

VW0730SBS02

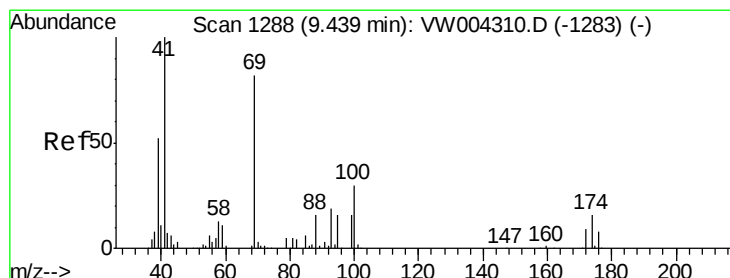
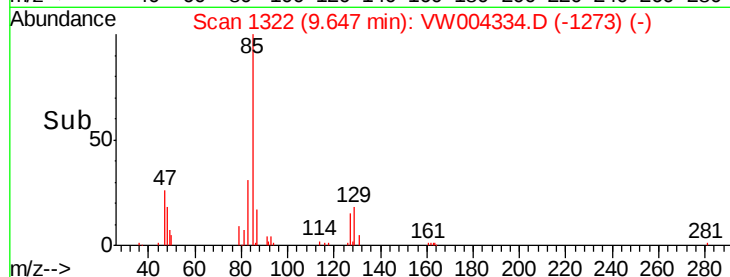
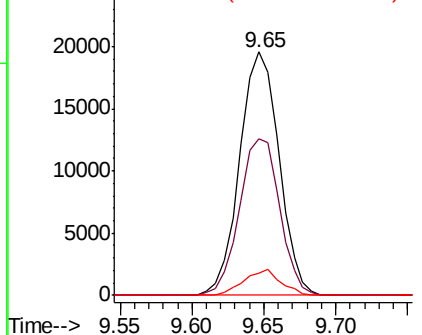
Tot Ion:	83	Resp:	37167
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9
127	9.4	6.6	9.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.76 ug/l

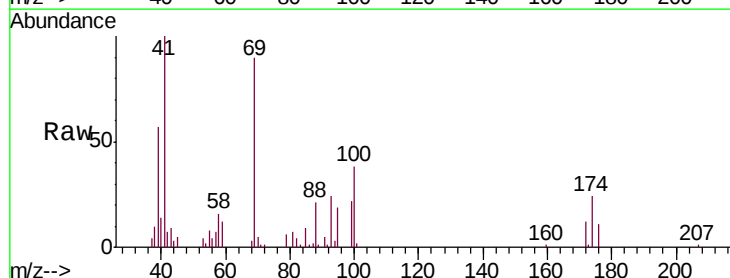
RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

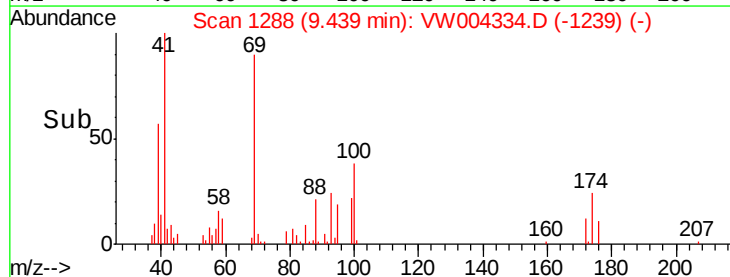
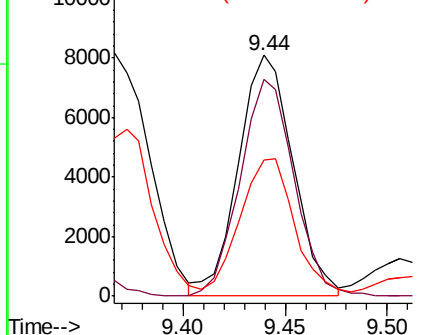
Lab File: VW004334.D

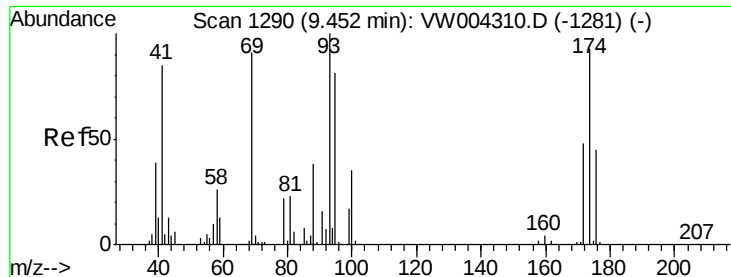
Acq: 30 Jul 2018 02:00

Tgt Ion:	41	Resp:	15051
Ion	Ratio	Lower	Upper
41	100		
69	89.0	69.7	104.5
39	57.8	41.8	62.8



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





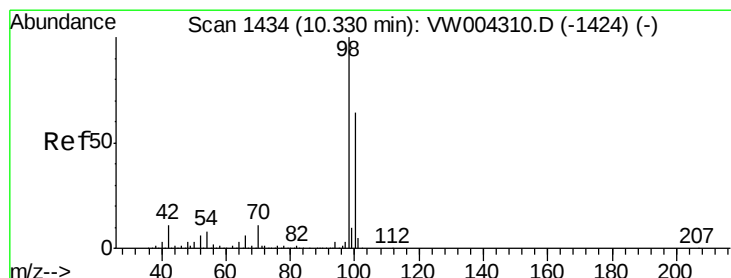
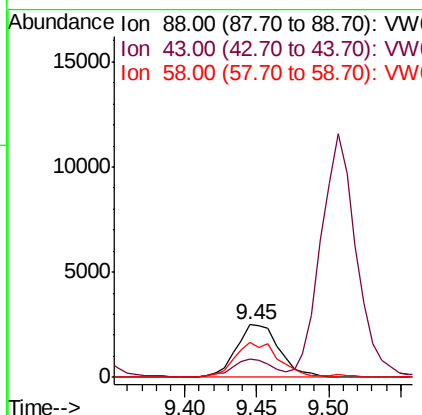
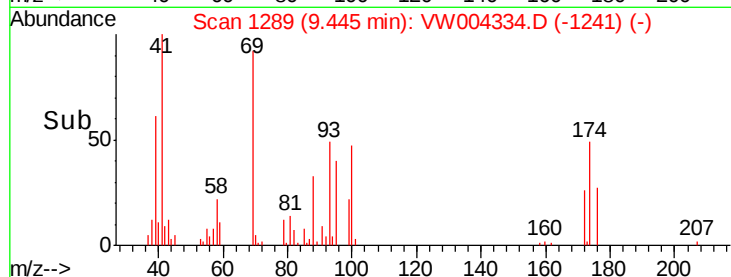
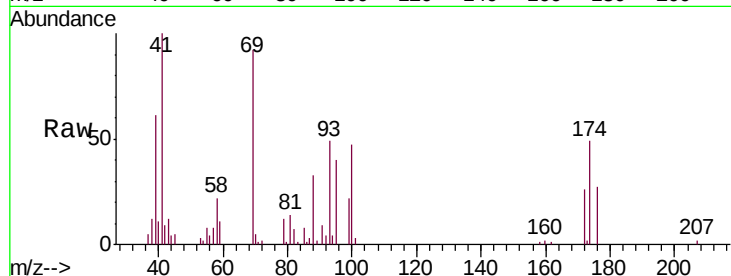
#49
1,4-Dioxane
Concen: 451.62 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	28.3	42.5
58	69.0	60.2	90.4

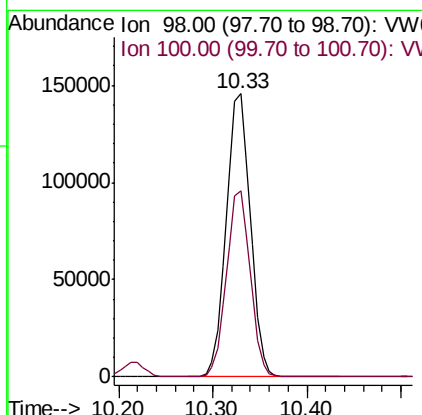
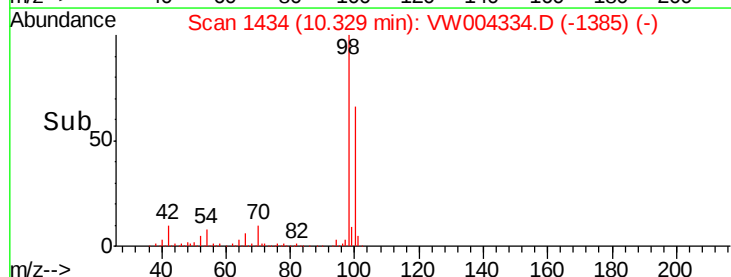
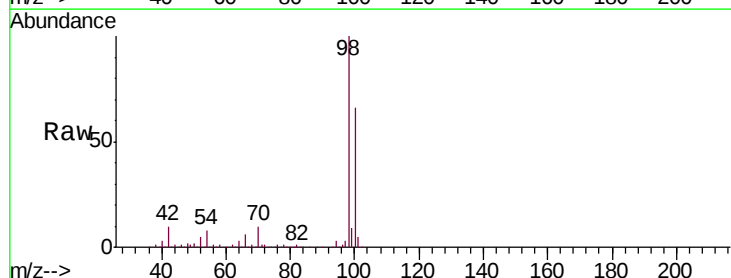
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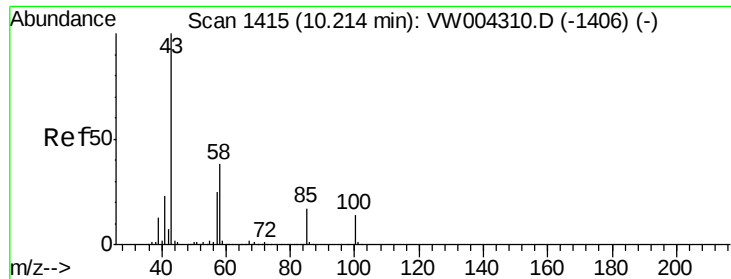
apatel
7/30/2018 10:33:54 AM



#50
Toluene-d8
Concen: 48.63 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 82.47 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 43 Resp: 71308

Ion Ratio Lower Upper

43 100

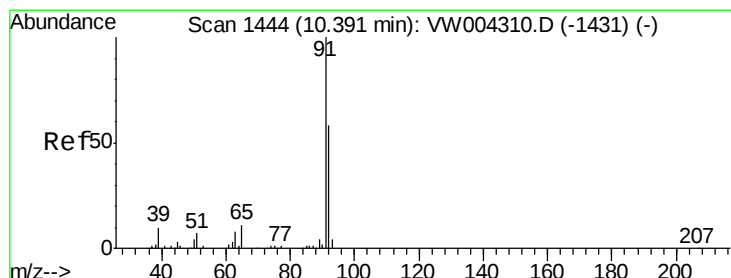
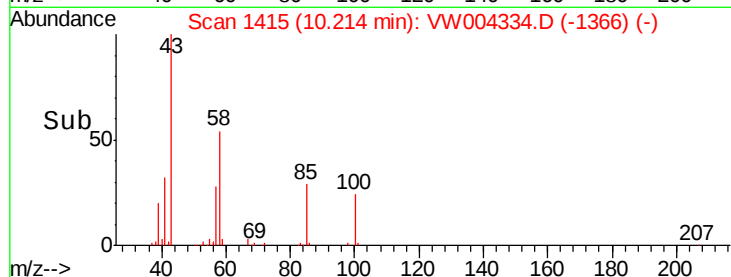
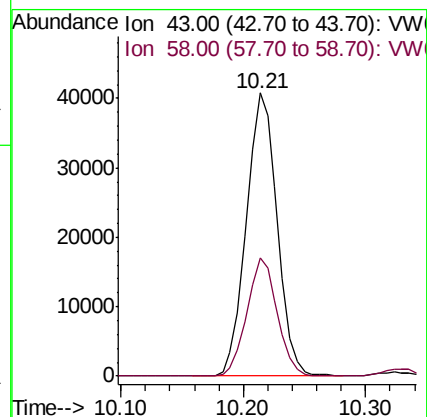
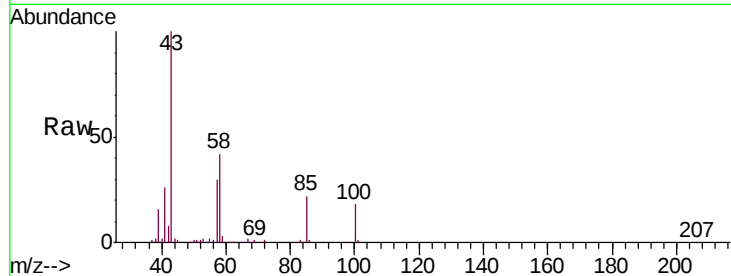
58 41.0 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 19.62 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004334.D

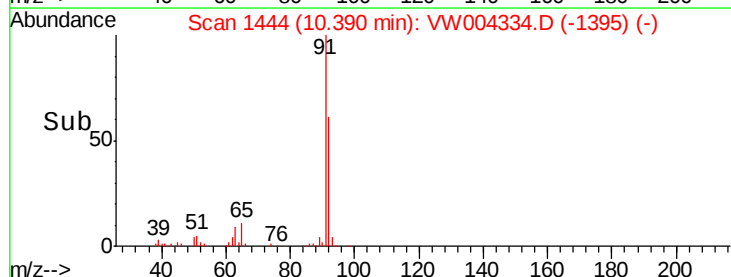
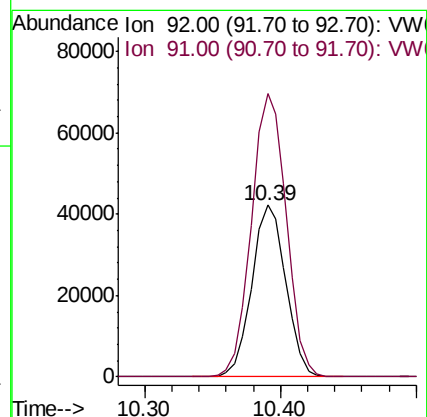
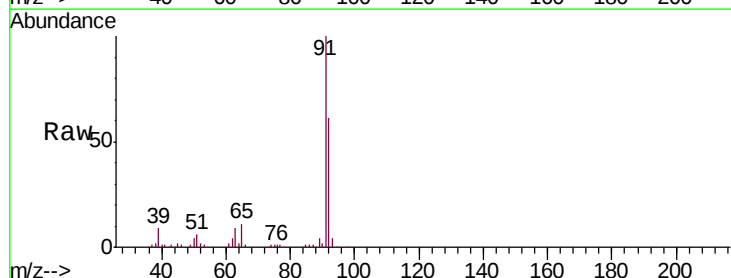
Acq: 30 Jul 2018 02:00

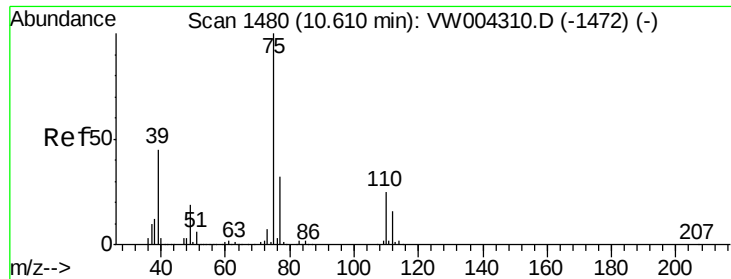
Tgt Ion: 92 Resp: 73920

Ion Ratio Lower Upper

92 100

91 169.2 139.0 208.4





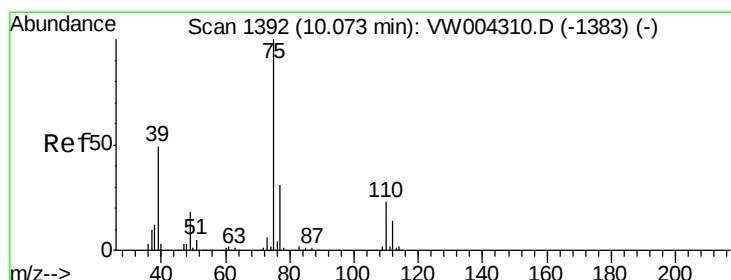
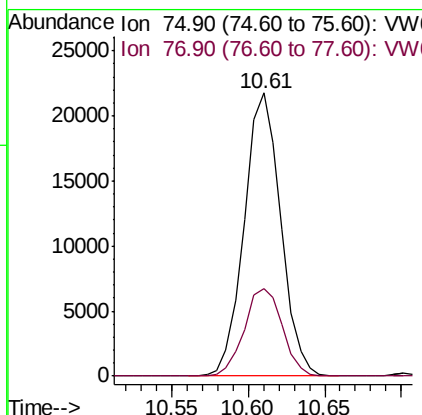
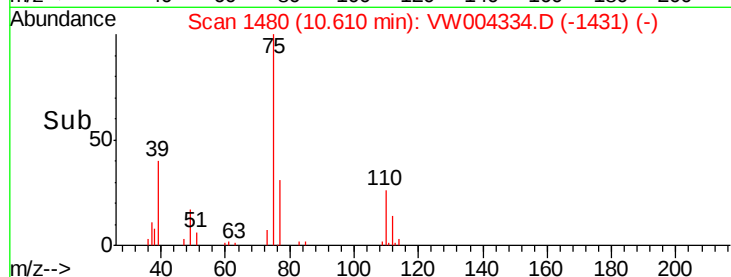
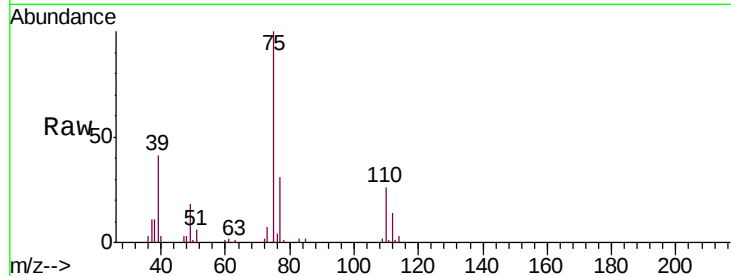
#53
t-1,3-Dichloropropene
Concen: 18.68 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion: 75 Resp: 36084
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6

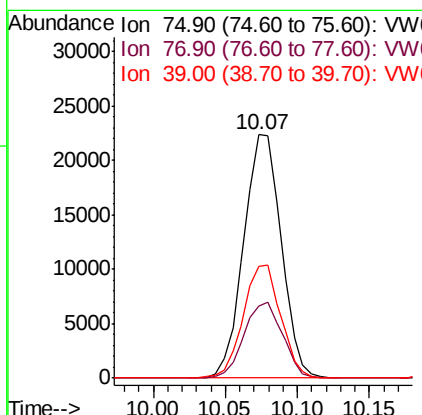
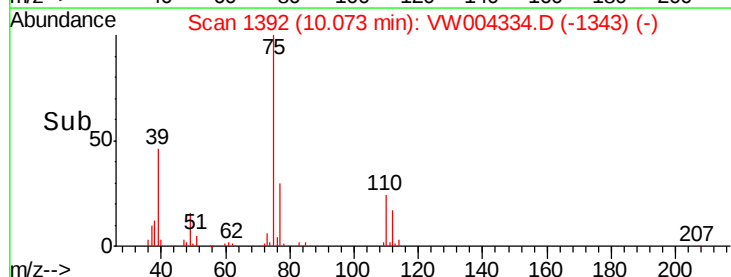
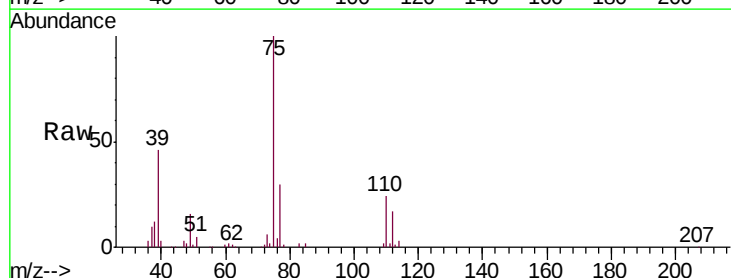
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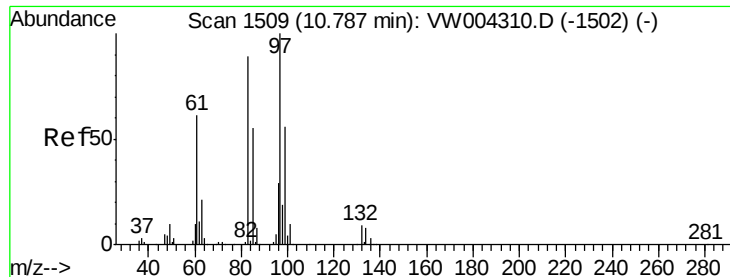
apatel
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#54
cis-1,3-Dichloropropene
Concen: 17.95 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 75 Resp: 40419
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.4
39 45.8 39.0 58.6





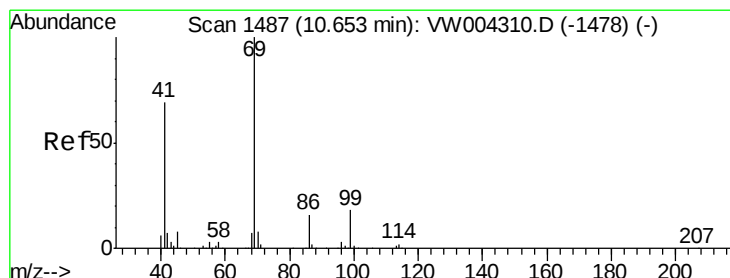
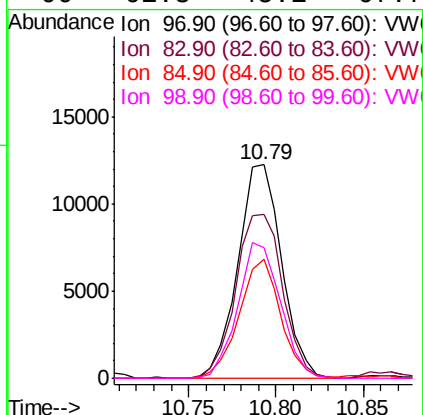
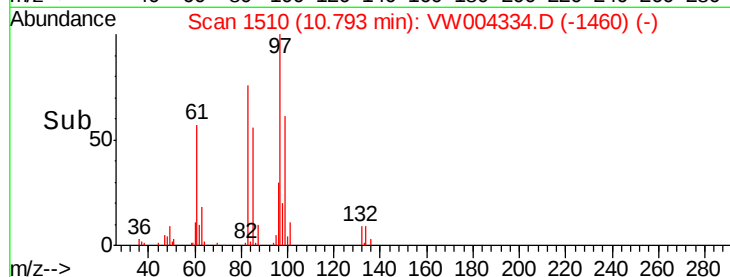
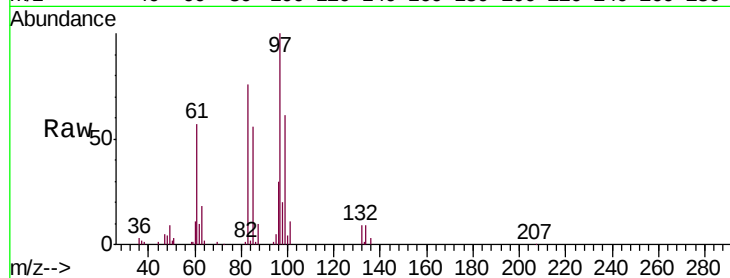
#55
 1,1,2-Trichloroethane
 Concen: 19.83 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	76.5	70.8	106.2
85	55.6	43.7	65.5
99	61.3	45.1	67.7

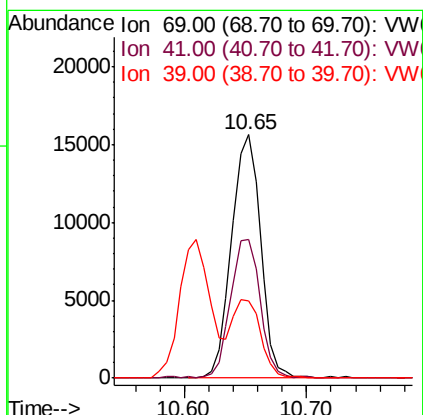
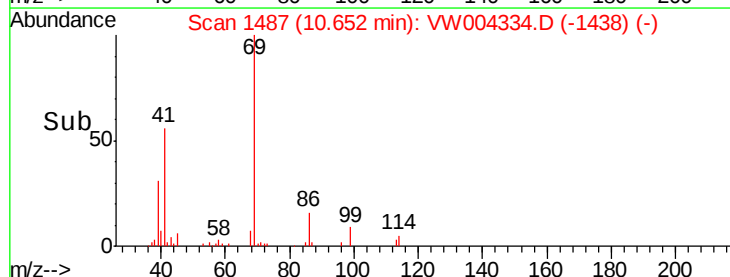
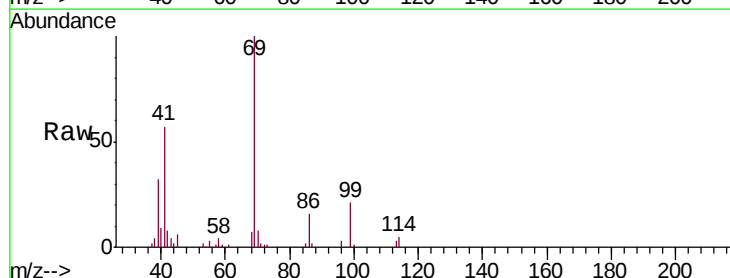
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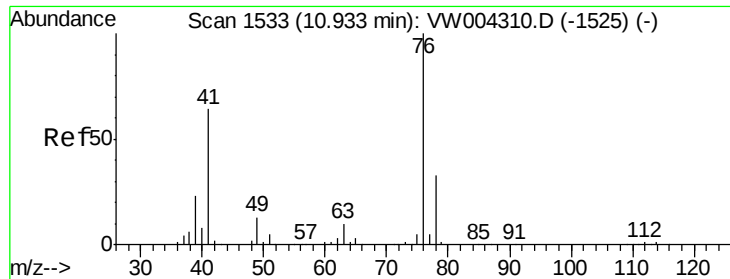
apatel
 7/30/2018 10:33:54 AM



#56
 Ethyl methacrylate
 Concen: 19.63 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.1	54.7	82.1
39	30.6	24.4	36.6





#57

1,3-Dichloropropane

Concen: 19.28 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 76 Resp: 35587

Ion Ratio Lower Upper

76 100

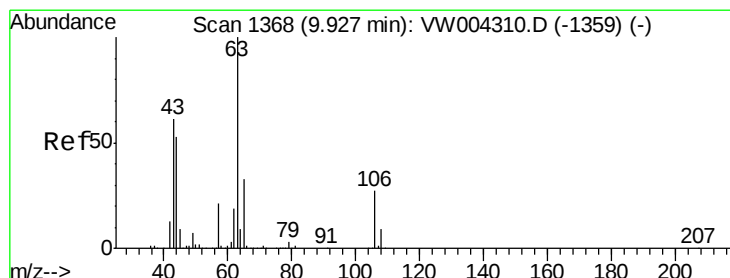
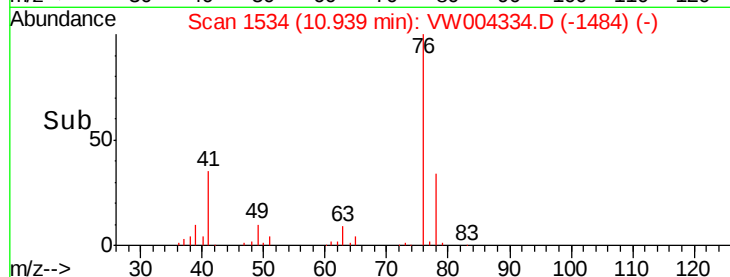
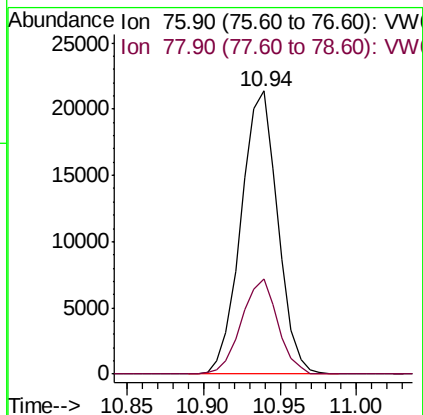
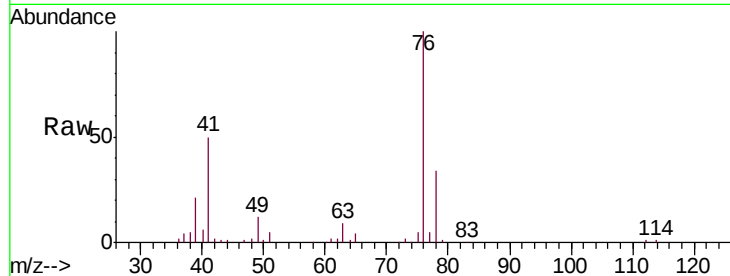
78 33.4 25.6 38.4

Manual Integrations

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apatel

7/30/2018 10:33:54 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.49 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004334.D

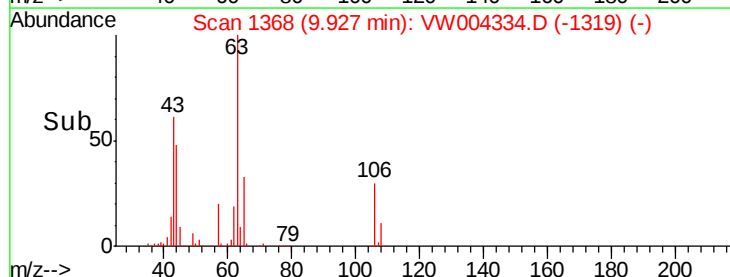
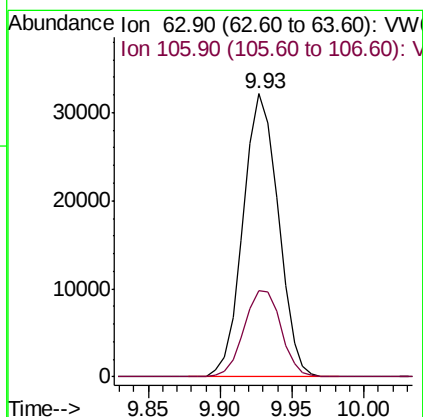
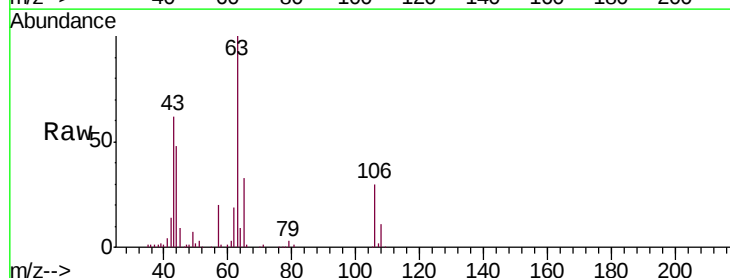
Acq: 30 Jul 2018 02:00

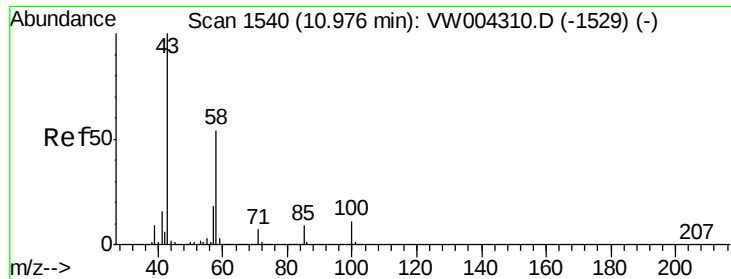
Tgt Ion: 63 Resp: 54451

Ion Ratio Lower Upper

63 100

106 32.1 21.9 32.9





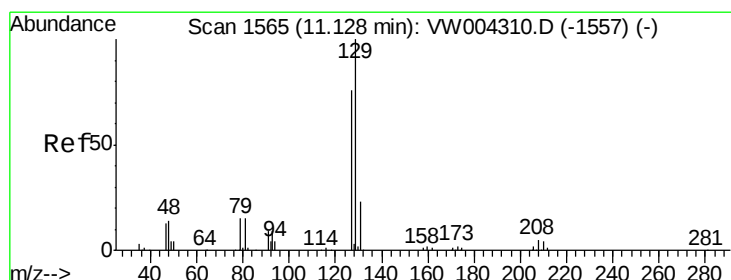
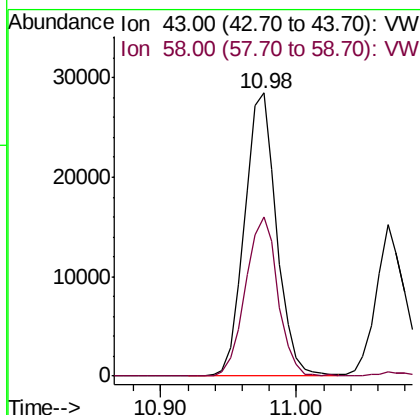
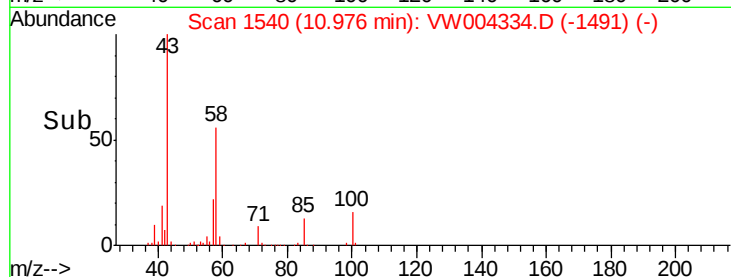
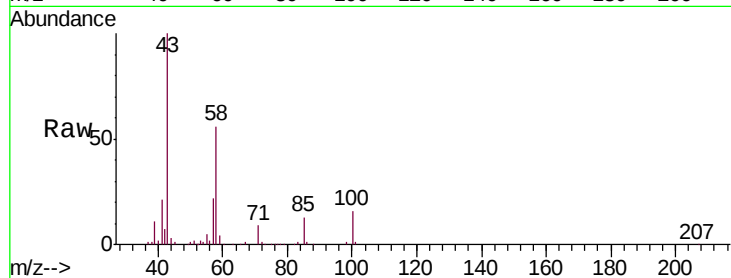
#59
2-Hexanone
Concen: 78.87 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion: 43 Resp: 46825
Ion Ratio Lower Upper
43 100
58 56.7 26.5 79.4

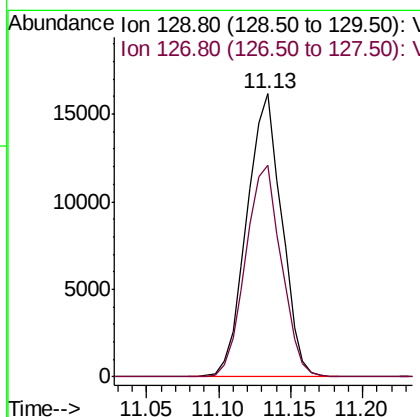
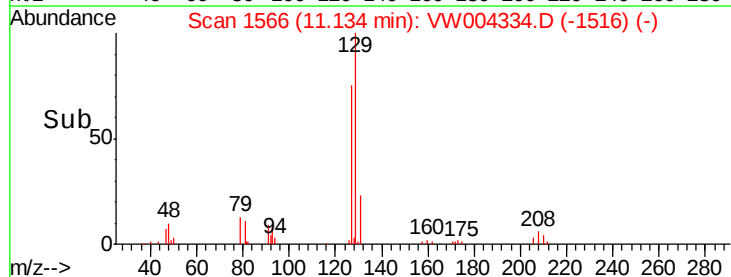
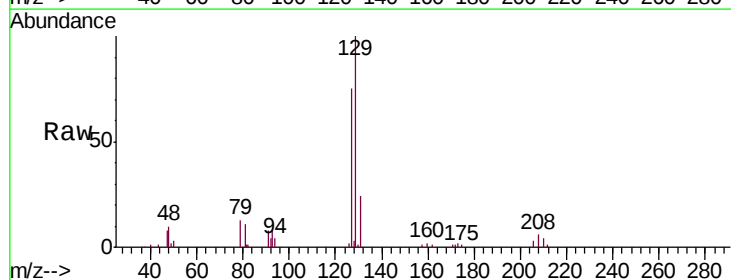
Manual Integrations
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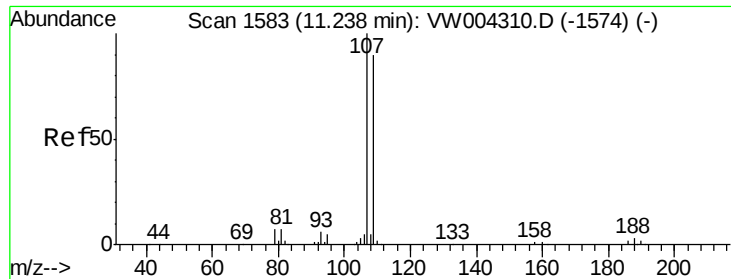
apatel
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#60
Dibromochloromethane
Concen: 20.92 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 129 Resp: 27116
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.07 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 107 Resp: 19703

Ion Ratio Lower Upper

107 100

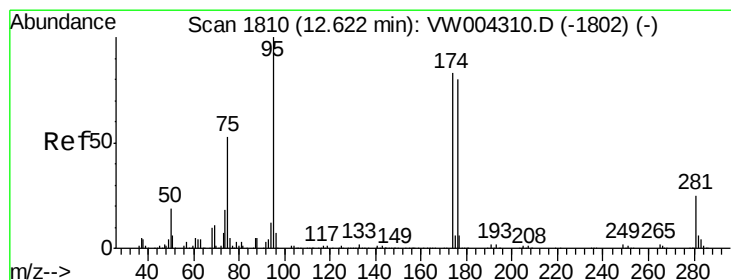
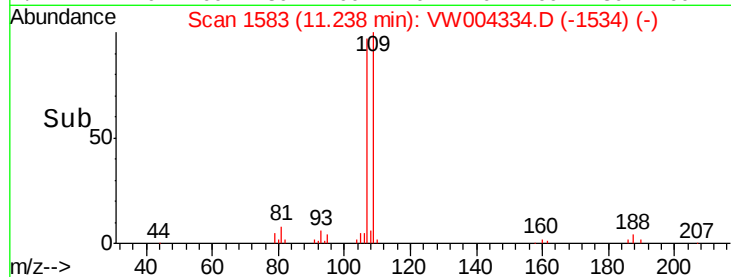
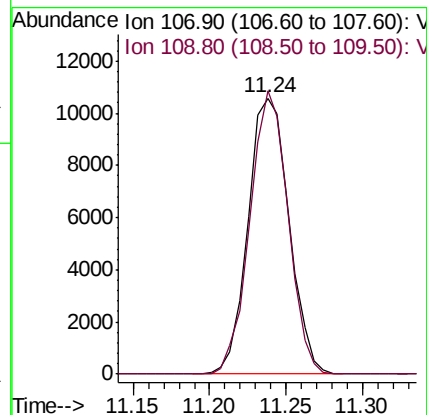
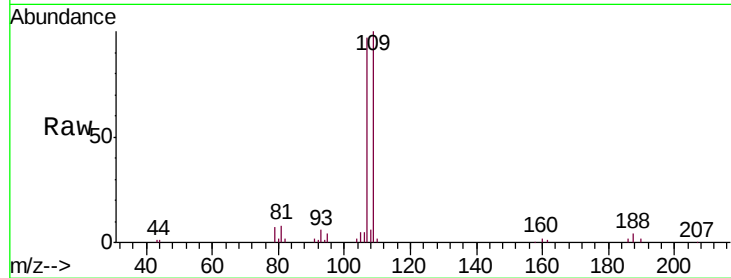
109 95.2 74.6 112.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.29 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

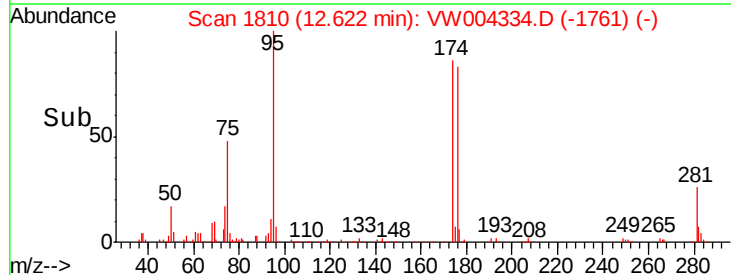
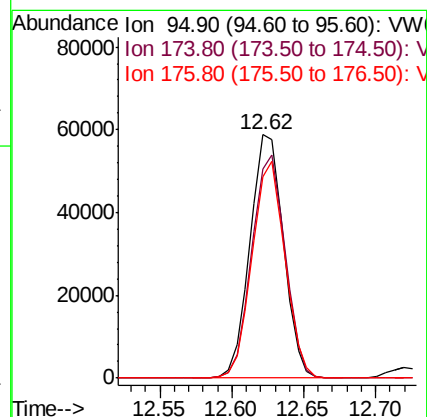
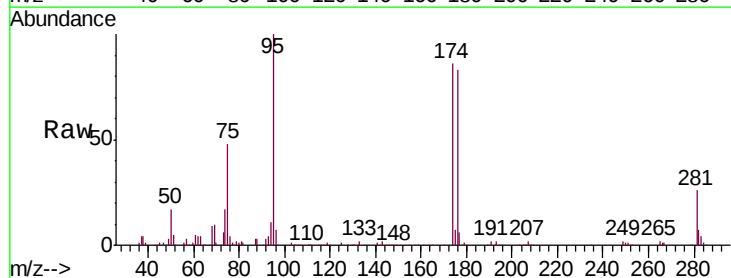
Tgt Ion: 95 Resp: 94295

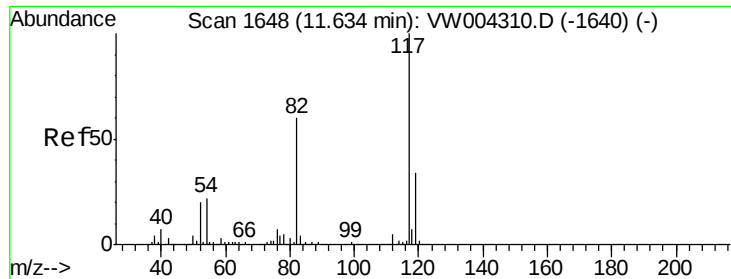
Ion Ratio Lower Upper

95 100

174 91.5 0.0 167.8

176 87.6 0.0 162.4





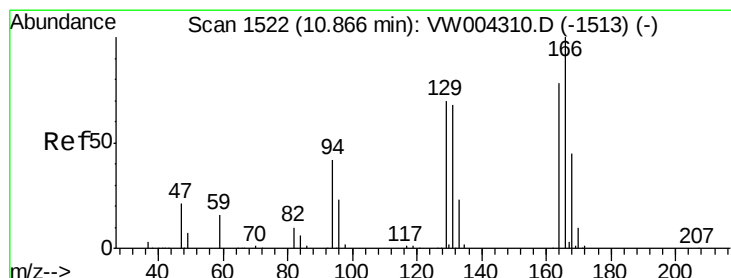
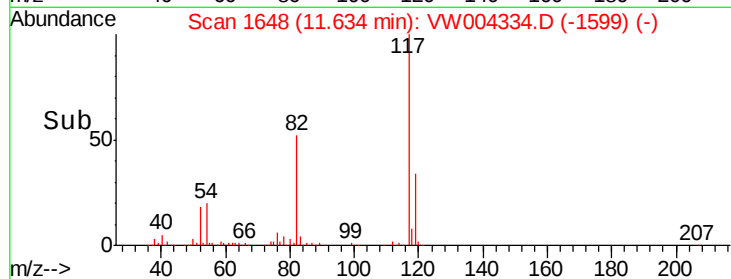
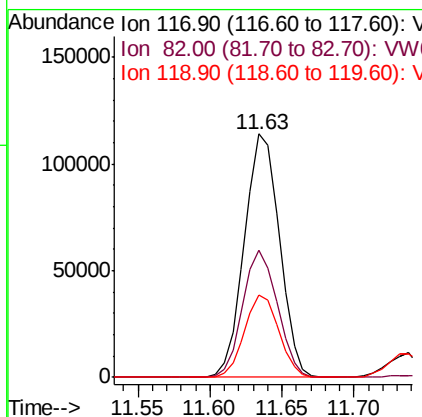
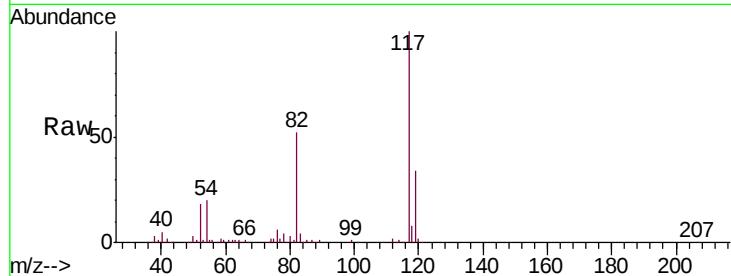
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	192939		
82	52.3	47.9	71.9	
119	33.7	27.1	40.7	

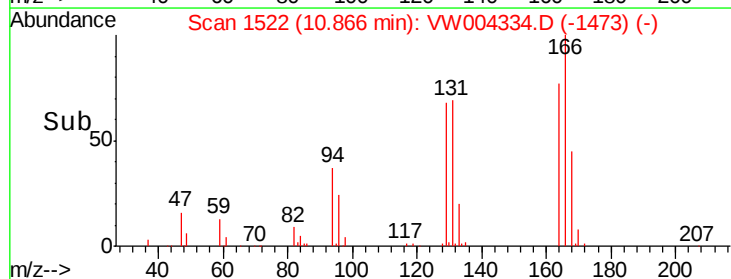
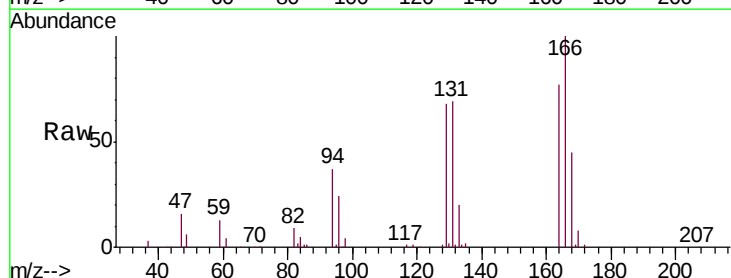
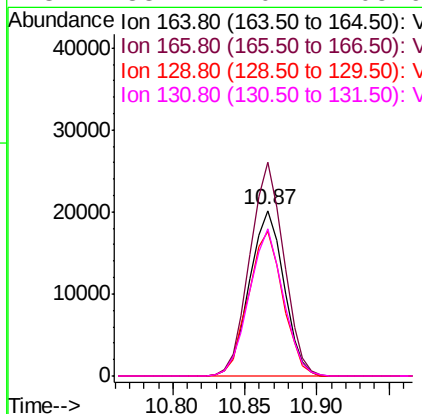
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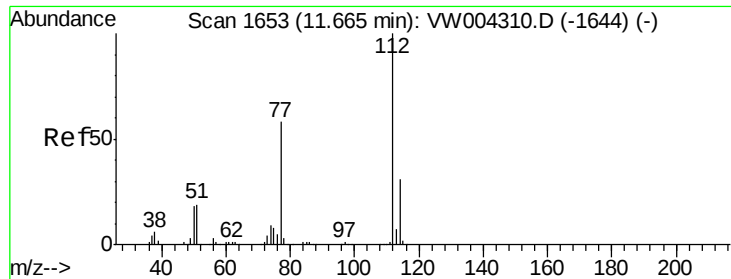
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#64
Tetrachloroethene
Concen: 23.67 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33463		
166	129.1	103.2	154.8	
129	87.7	72.1	108.1	
131	88.7	70.4	105.6	





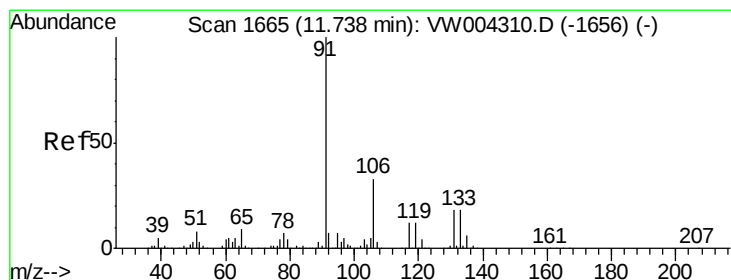
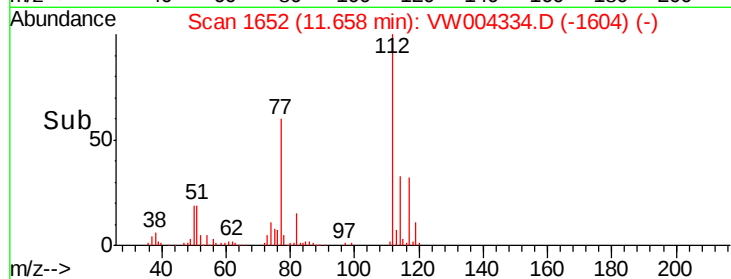
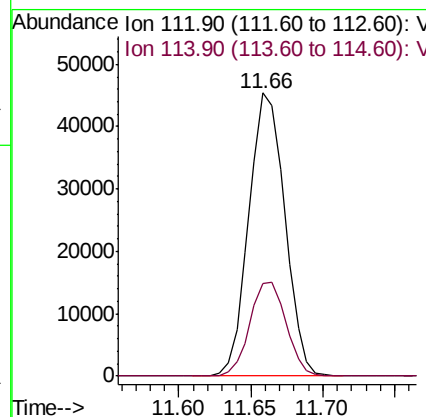
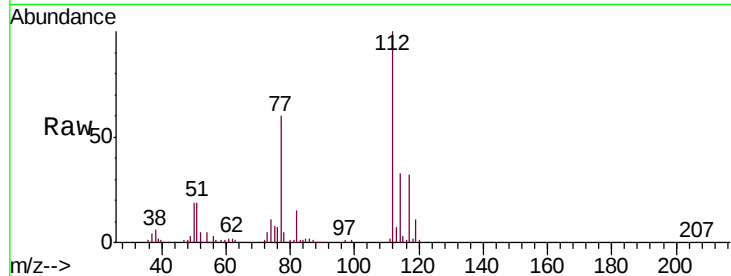
#65
Chlorobenzene
Concen: 19.40 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion:112 Resp: 78592
Ion Ratio Lower Upper
112 100
114 32.8 24.7 37.1

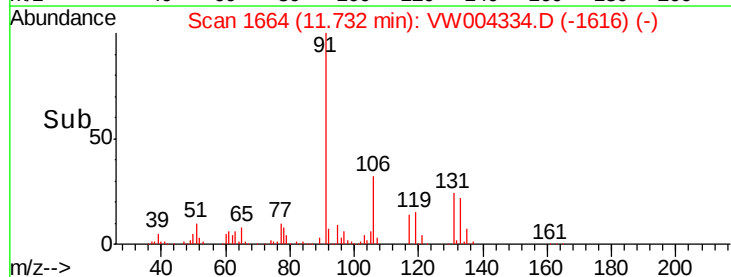
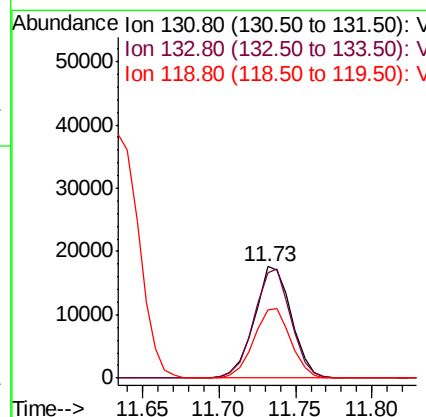
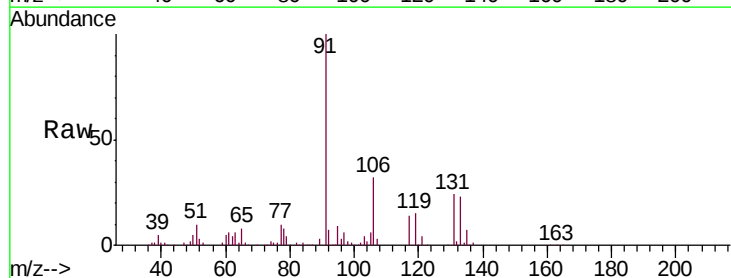
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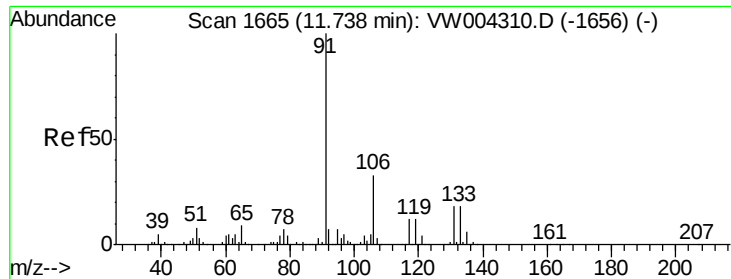
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.78 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:131 Resp: 29693
Ion Ratio Lower Upper
131 100
133 97.2 48.6 145.9
119 62.2 33.1 99.5





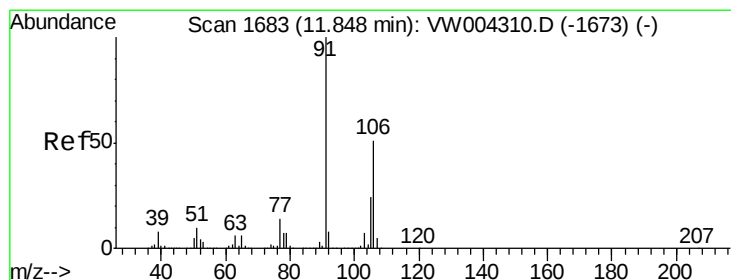
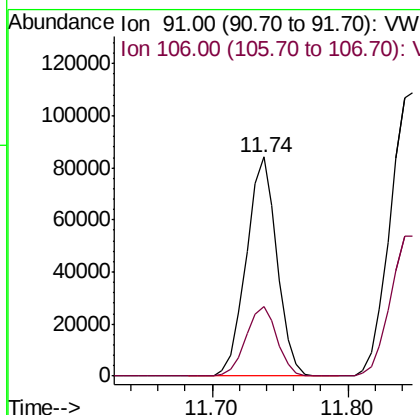
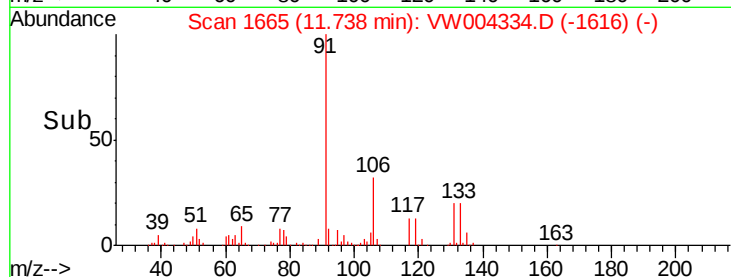
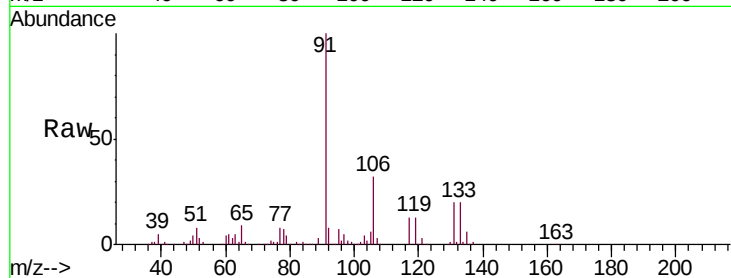
#67
Ethyl Benzene
Concen: 18.80 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion: 91 Resp: 132826
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1

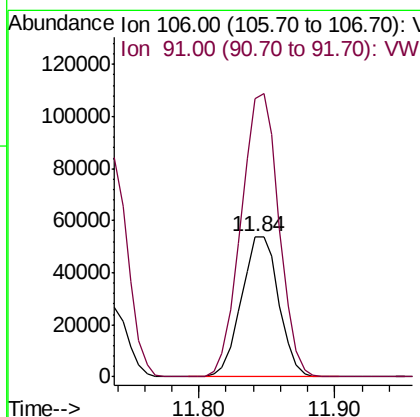
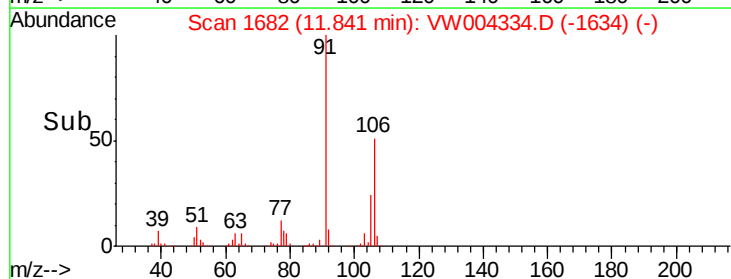
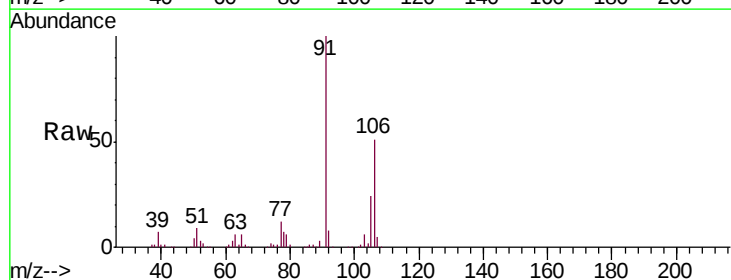
Manual Integrations
APPROVED

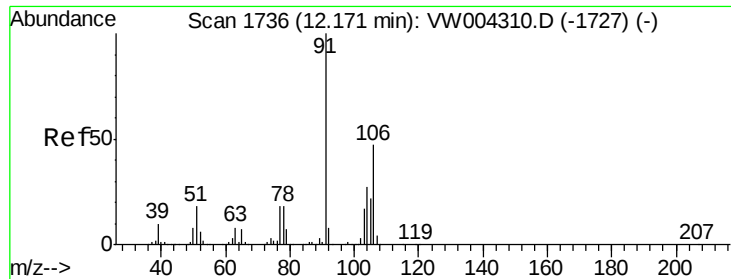
apatel
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#68
m/p-Xylenes
Concen: 38.07 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 106 Resp: 103489
Ion Ratio Lower Upper
106 100
91 204.5 162.2 243.2





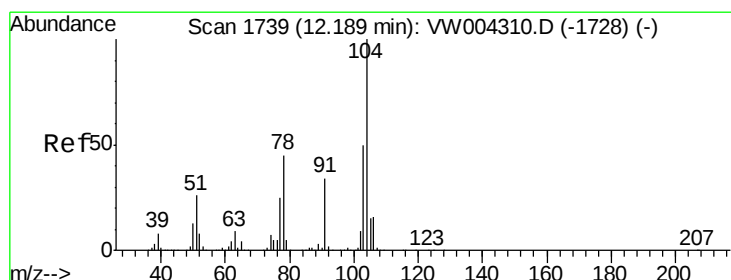
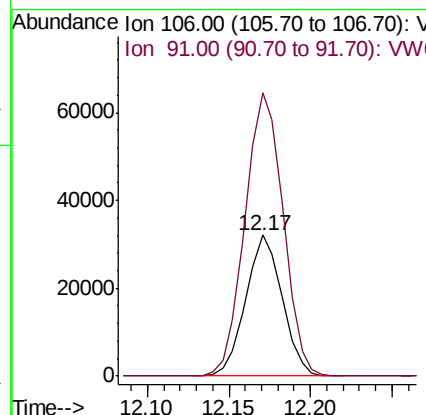
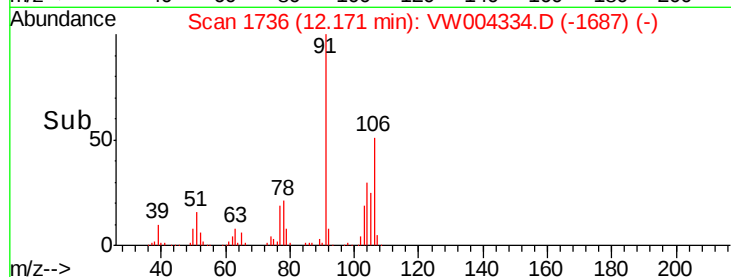
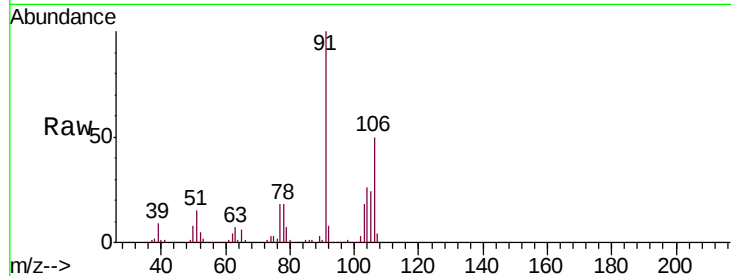
#69
o-Xylene
Concen: 19.91 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion:106 Resp: 50004
Ion Ratio Lower Upper
106 100
91 210.9 108.7 326.1

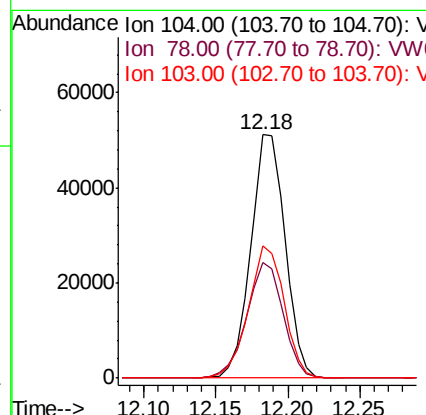
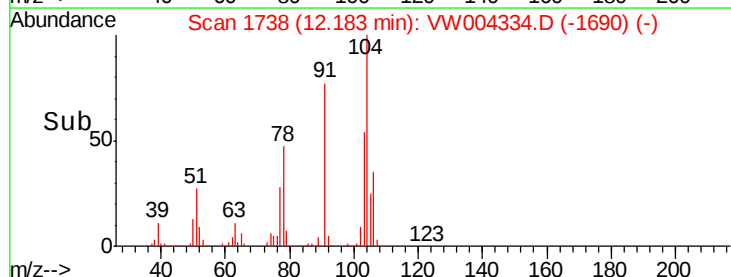
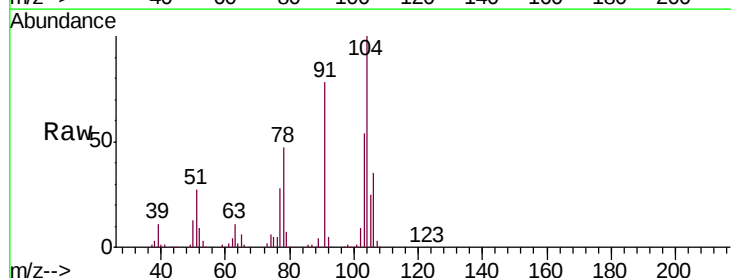
Manual Integrations
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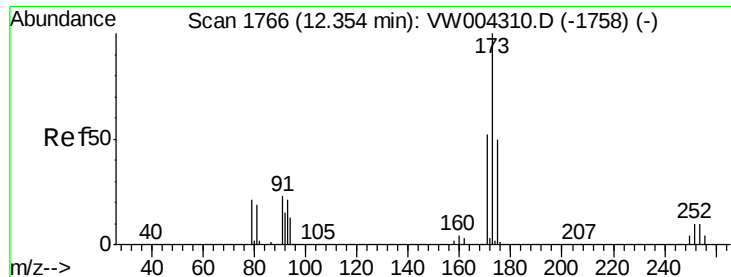
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#70
Styrene
Concen: 19.85 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:104 Resp: 84224
Ion Ratio Lower Upper
104 100
78 50.3 40.9 61.3
103 56.4 45.0 67.6





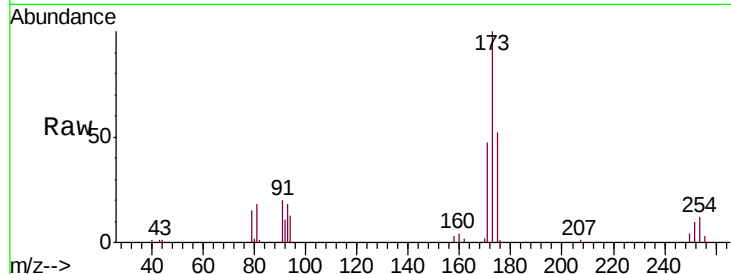
#71
Bromoform
Concen: 21.27 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

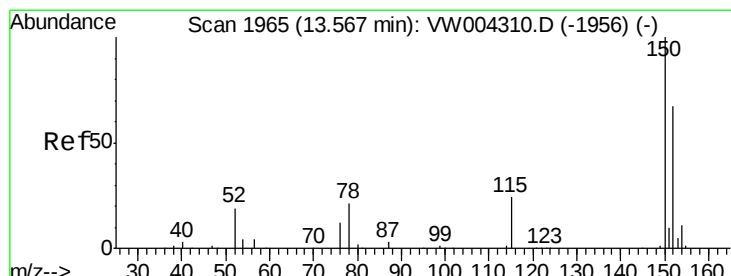
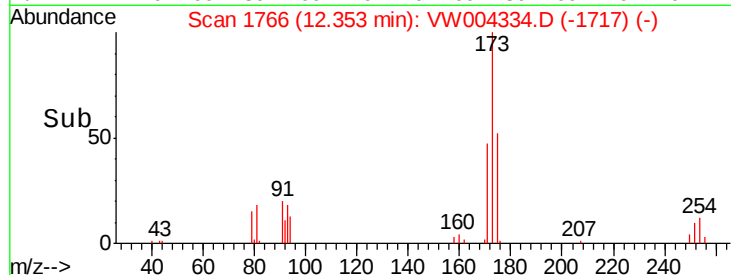
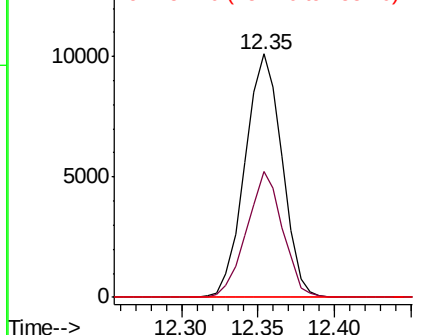
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.5	73.5
254	0.0	0.2	0.2

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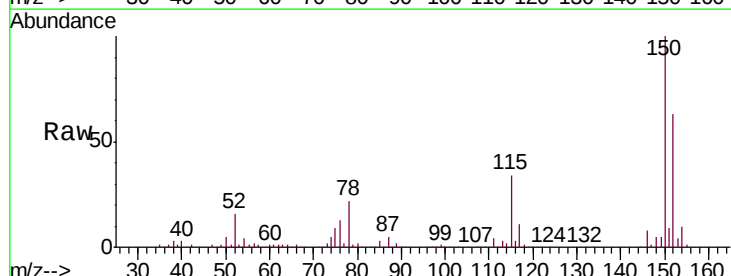


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

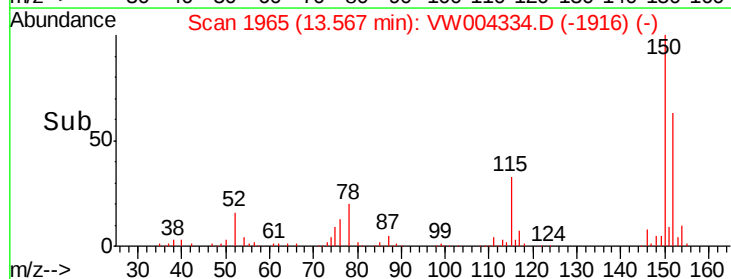
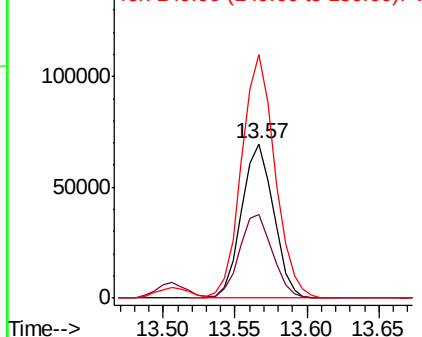


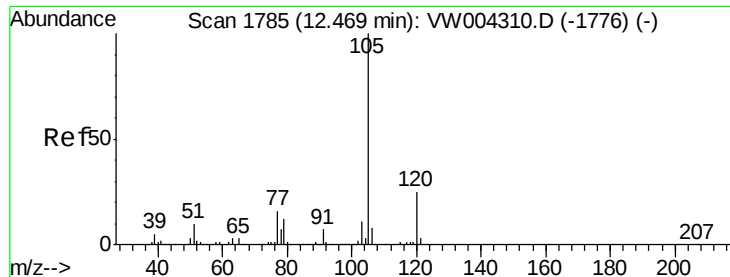
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.8	86.4
150	164.1	0.0	346.4



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: 18.20 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion:105 Resp: 135457

Ion Ratio Lower Upper

105 100

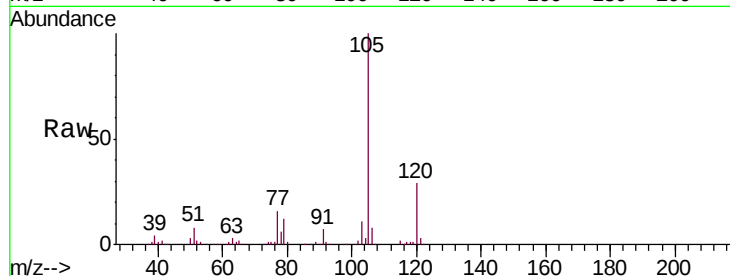
120 28.0 13.2 39.6

Manual Integrations

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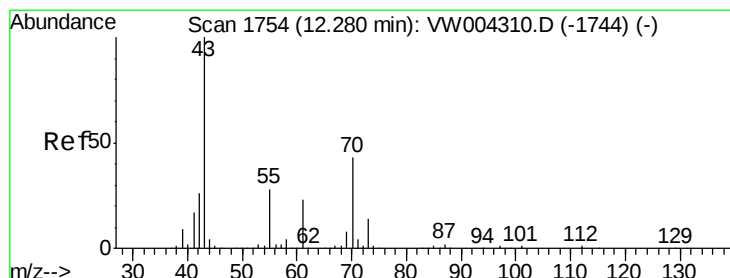
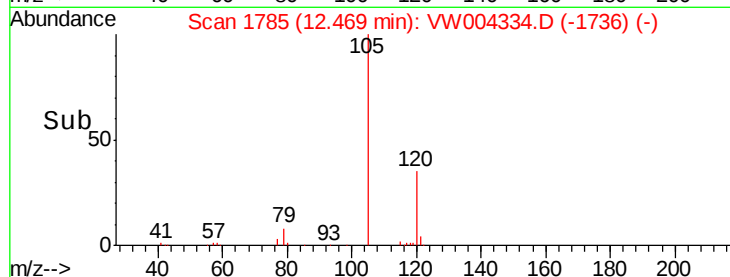
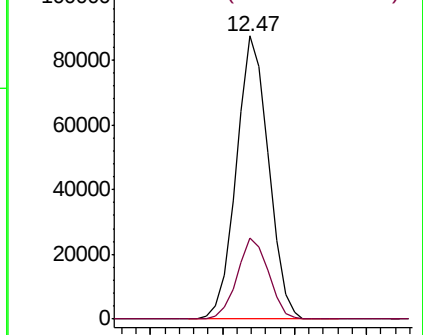
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.23 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion: 43 Resp: 24699

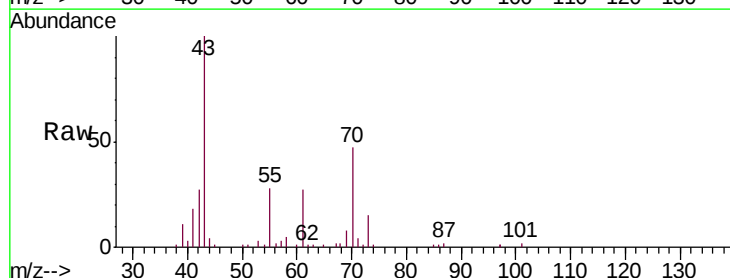
Ion Ratio Lower Upper

43 100

70 45.0 34.2 51.4

55 26.9 21.8 32.8

61 25.9 18.9 28.3

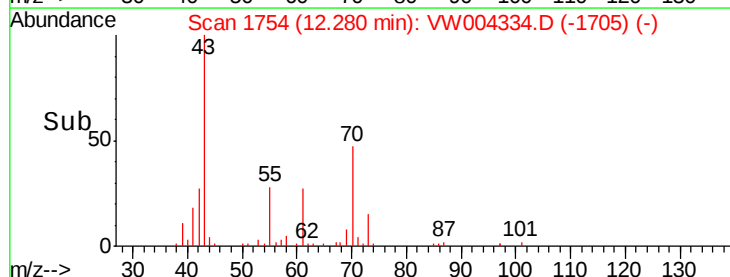
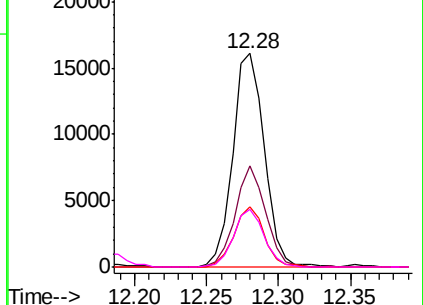


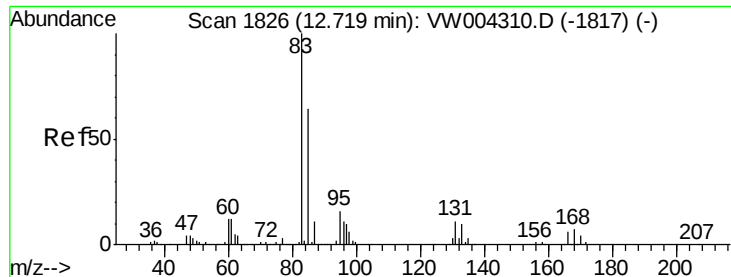
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 17.82 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

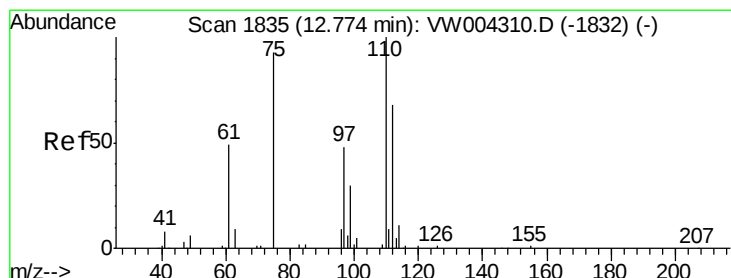
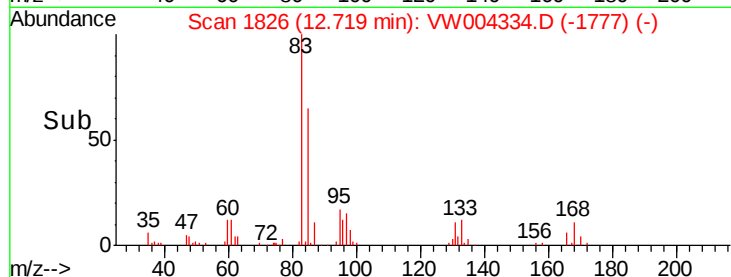
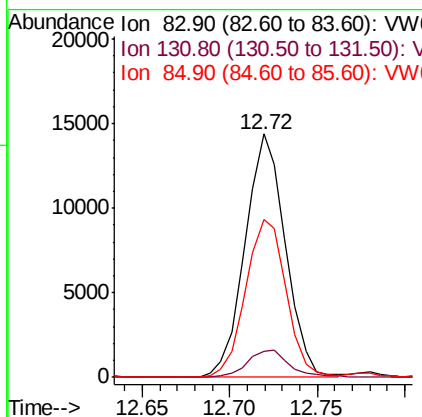
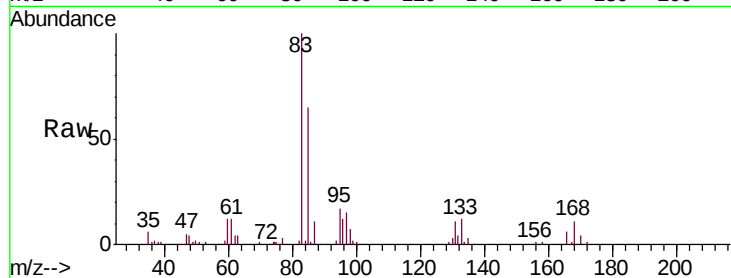
ClientSampleId :

VW0730SBS02

Tot Ion:	83	Resp:	23231
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.5	16.4
85	65.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 16.01 ug/l m

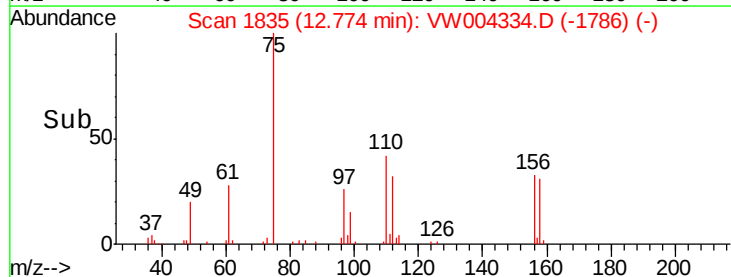
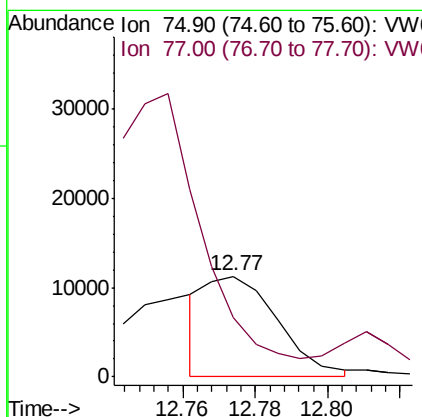
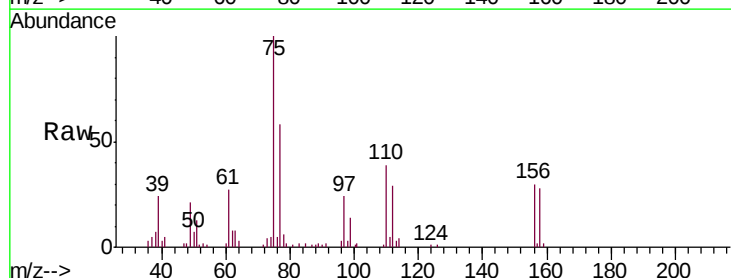
RT: 12.77 min Scan# 1835

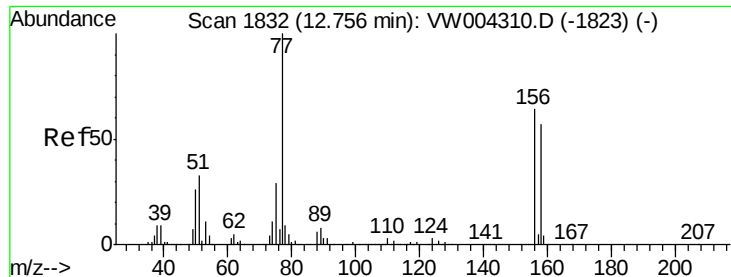
Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion:	75	Resp:	15684
Ion Ratio	Lower	Upper	
75	100		
77	379.0	0.0	0.0#





#77

Bromobenzene

Concen: 20.55 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion:156 Resp: 36948

Ion Ratio Lower Upper

156 100

77 160.9 92.9 278.7

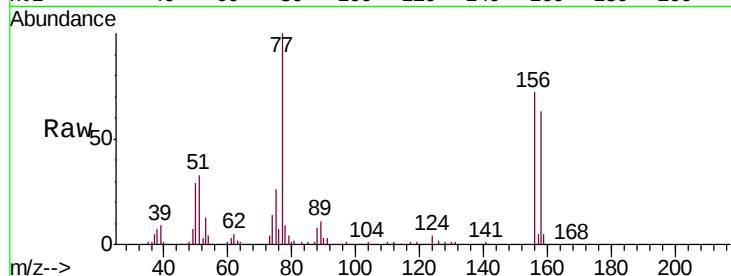
158 96.3 47.6 142.8

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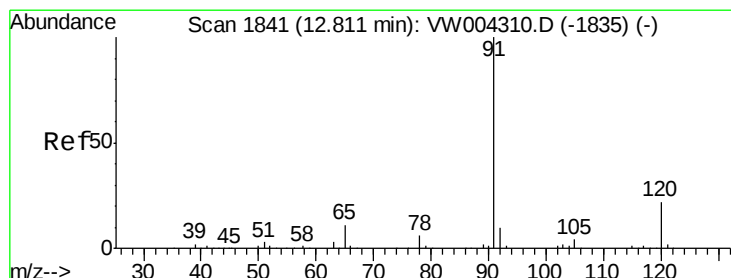
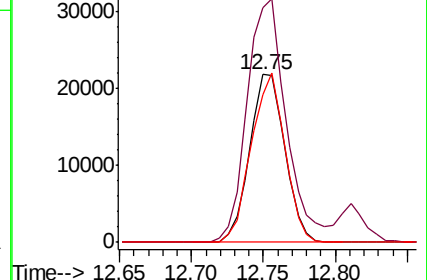
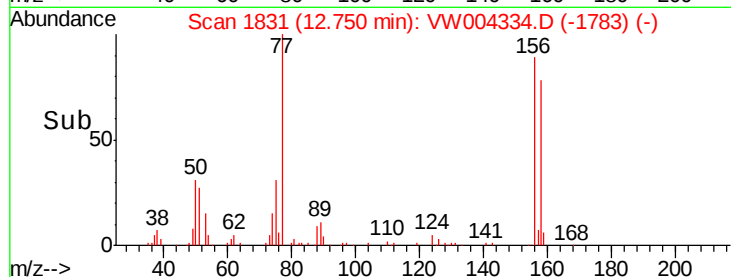
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.74 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004334.D

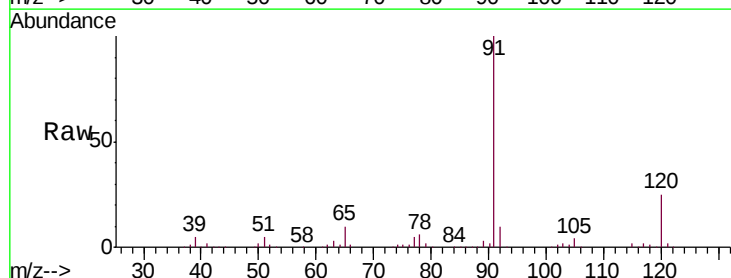
Acq: 30 Jul 2018 02:00

Tgt Ion: 91 Resp: 160808

Ion Ratio Lower Upper

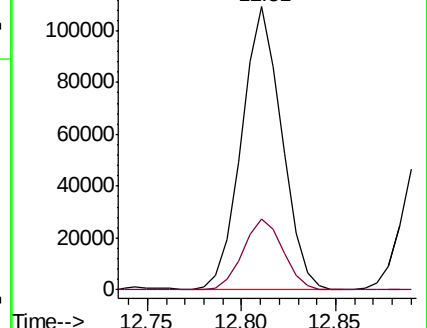
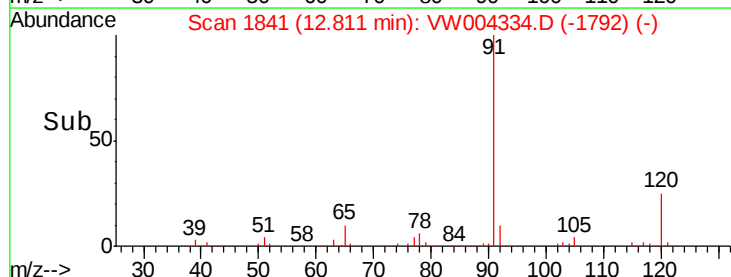
91 100

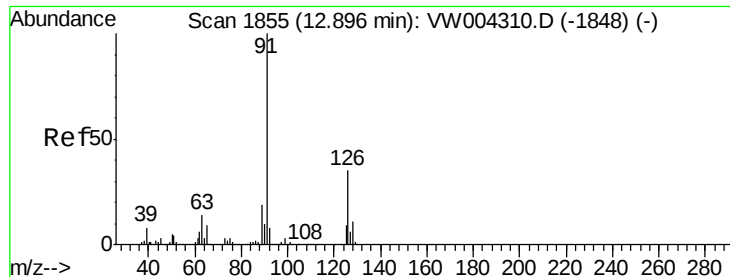
120 25.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.77 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 91 Resp: 97310

Ion Ratio Lower Upper

91 100

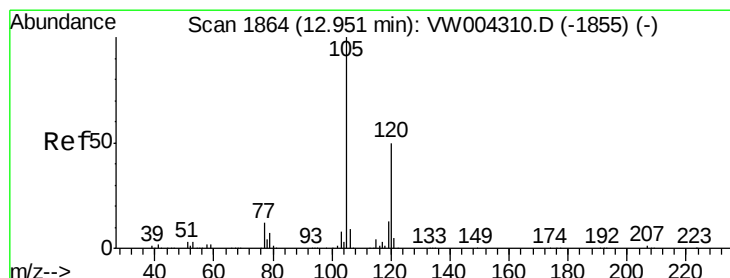
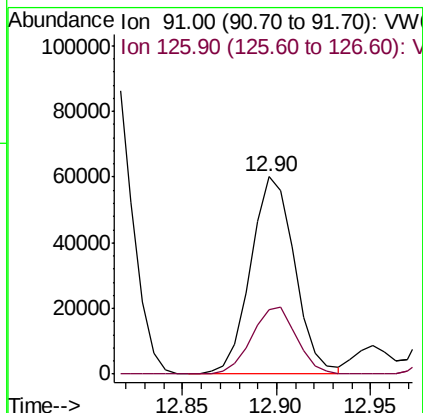
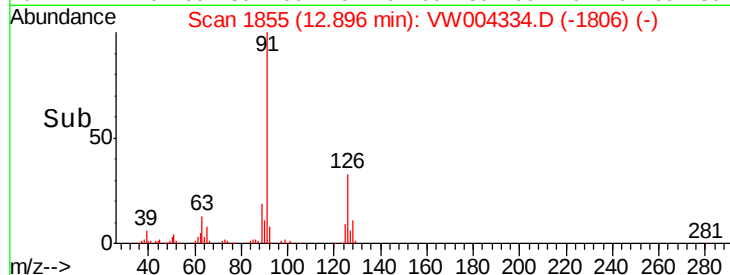
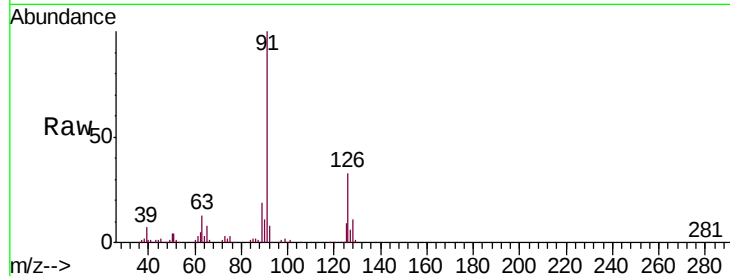
126 34.4 17.1 51.2

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#80

1,3,5-Trimethylbenzene

Concen: 19.42 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004334.D

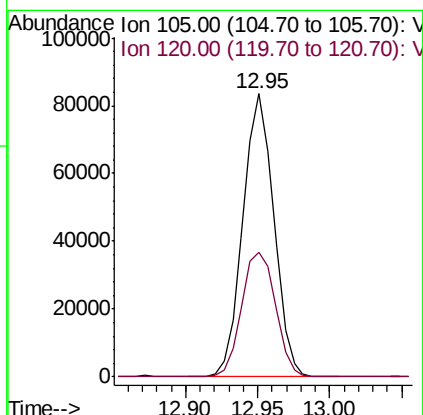
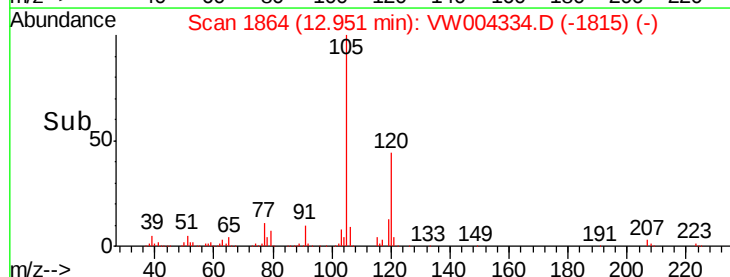
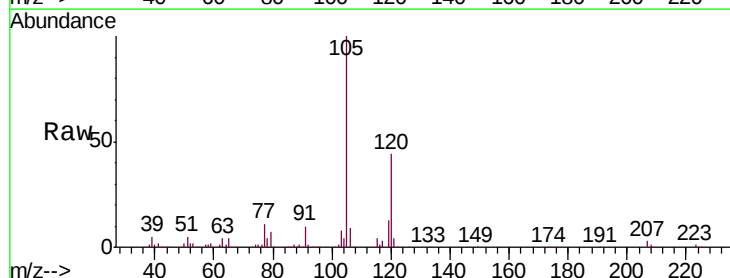
Acq: 30 Jul 2018 02:00

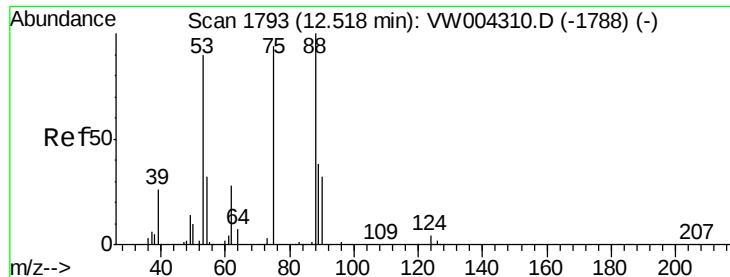
Tgt Ion:105 Resp: 124485

Ion Ratio Lower Upper

105 100

120 48.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.17 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

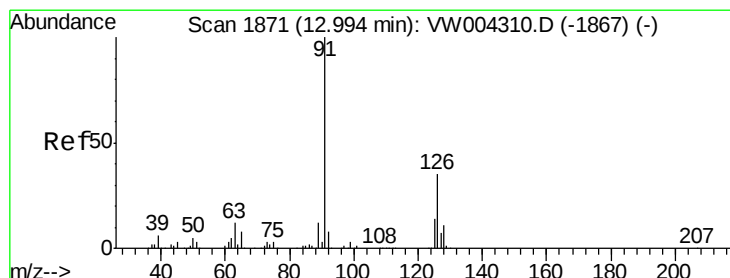
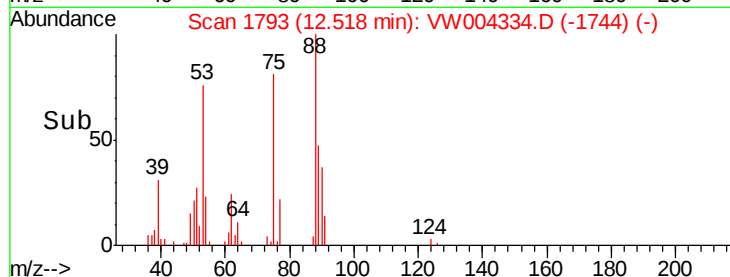
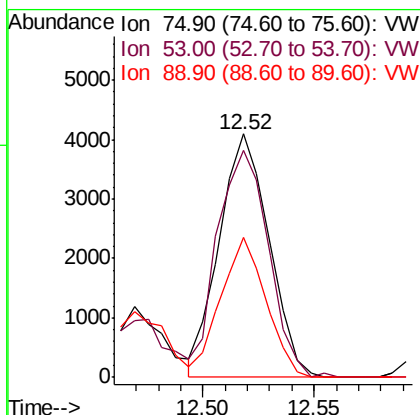
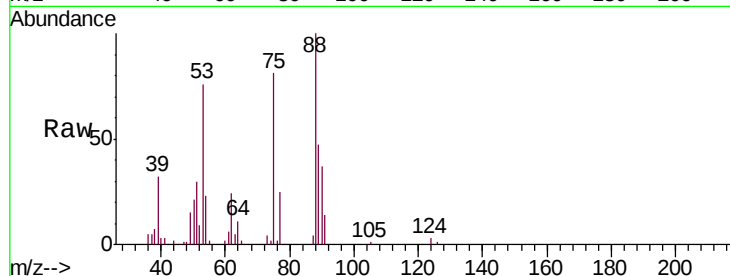
ClientSampleId :

VW0730SBS02

Tot Ion:	75	Resp:	6385
Ion	Ratio	Lower	Upper
75	100		
53	95.2	77.6	116.4
89	52.3	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.29 ug/l

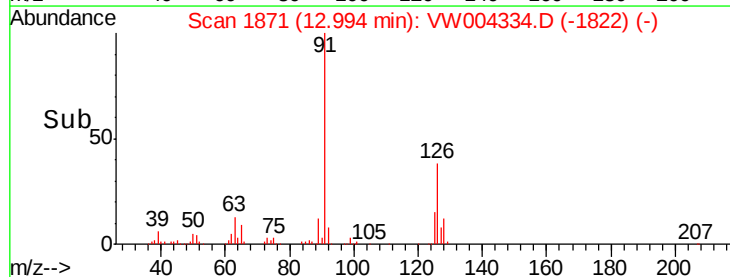
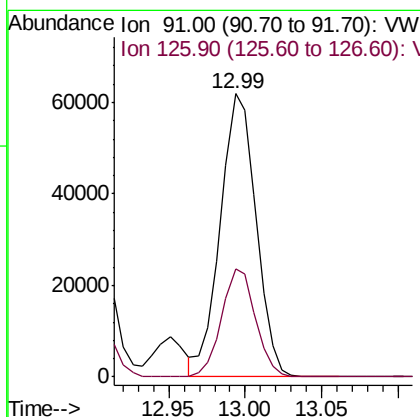
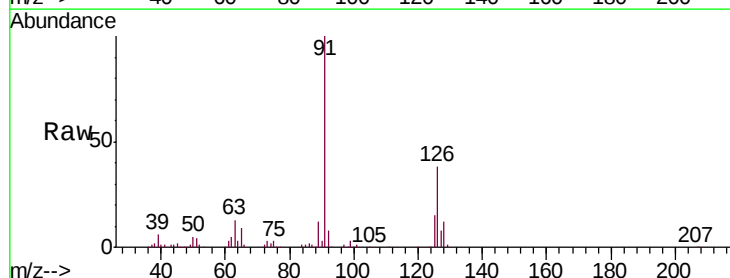
RT: 12.99 min Scan# 1871

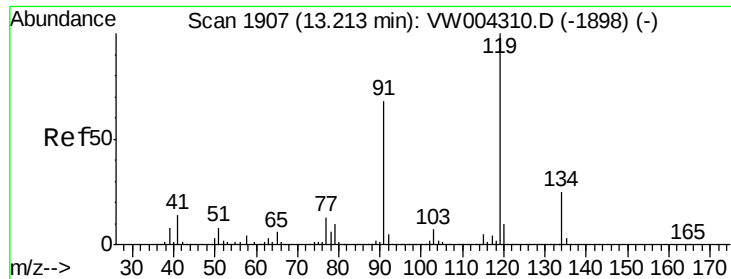
Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion:	91	Resp:	100333
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.4	52.3





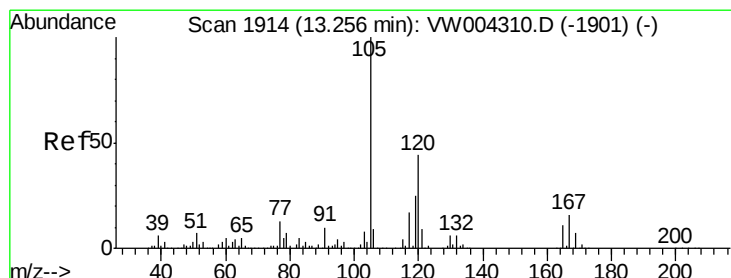
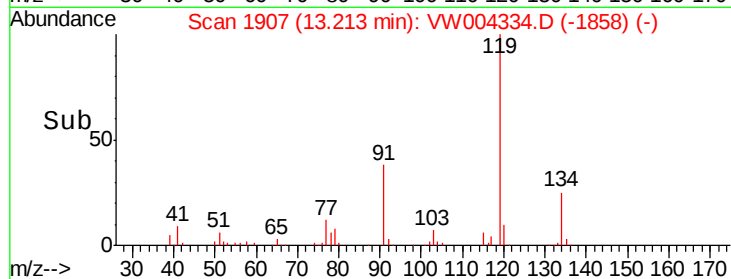
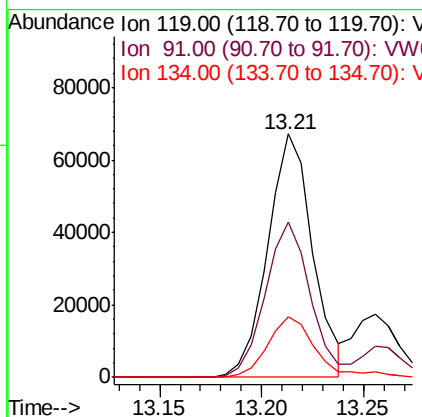
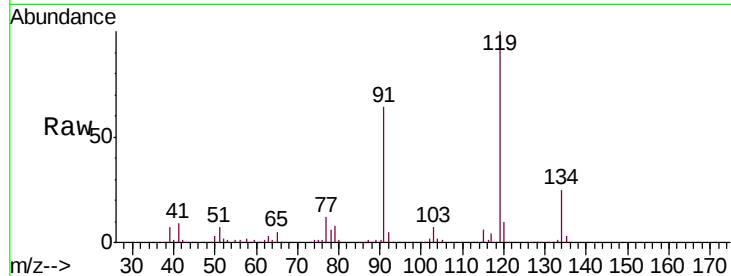
#83
tert-Butylbenzene
Concen: 19.32 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.8	98.3
134	26.8	12.2	36.6

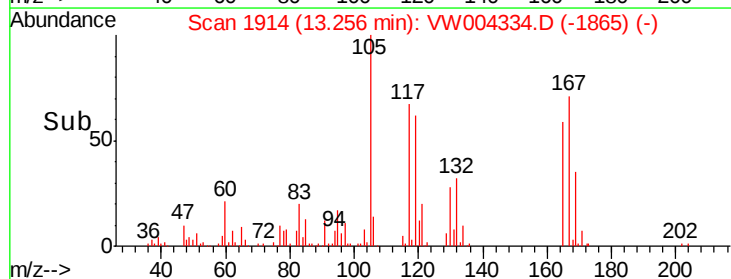
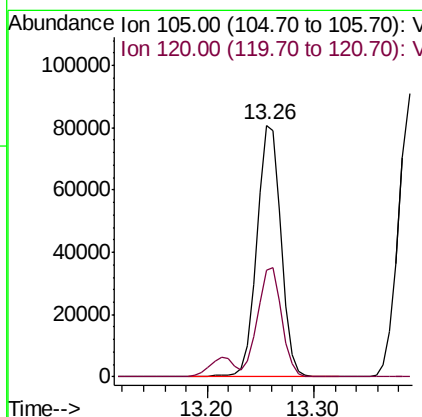
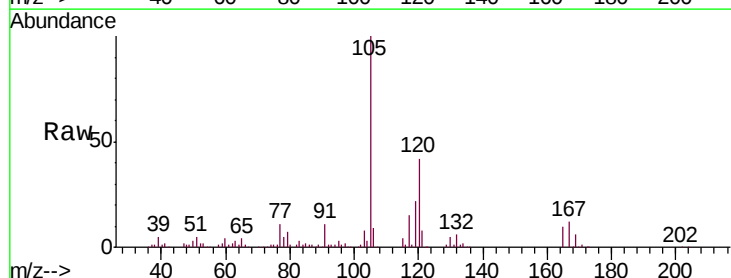
Manual Integrations
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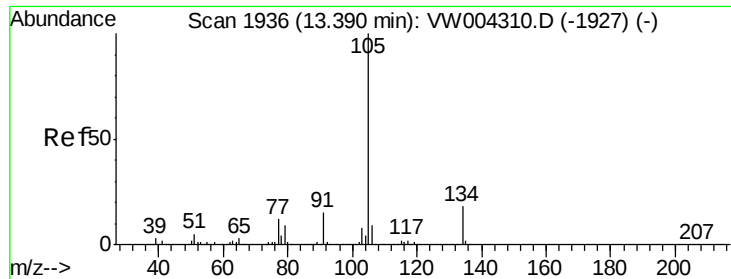
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 19.59 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.7	68.0





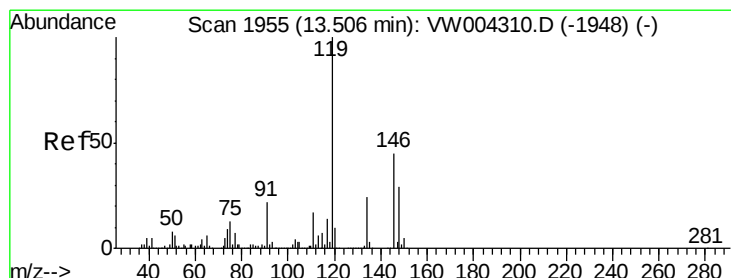
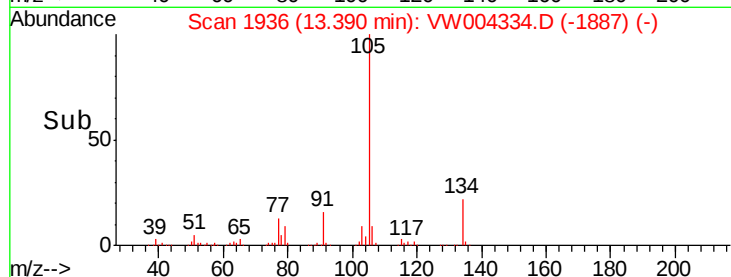
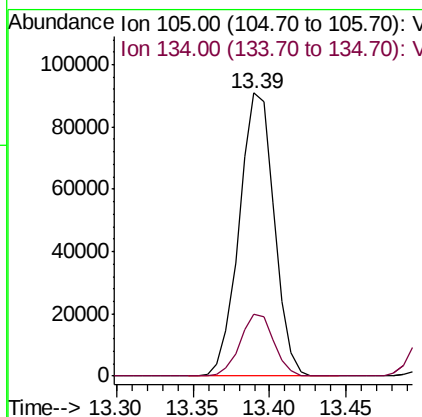
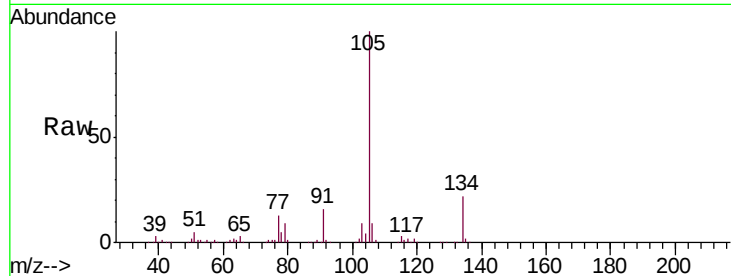
#85
 sec-Butylbenzene
 Concen: 18.46 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.6	28.8

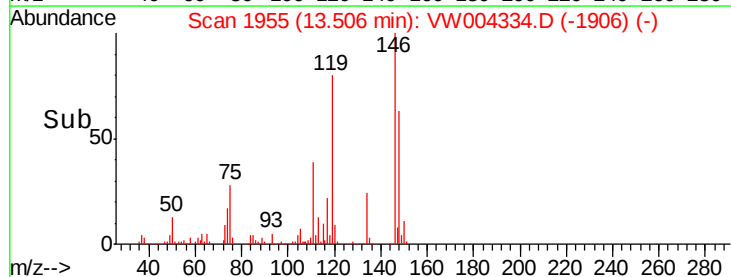
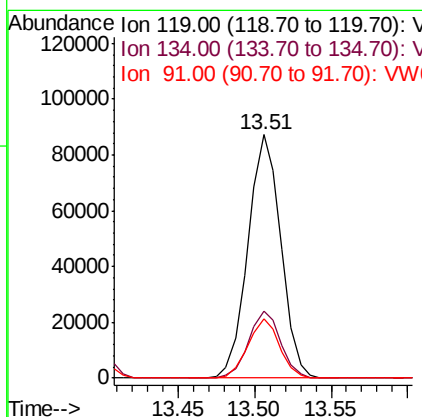
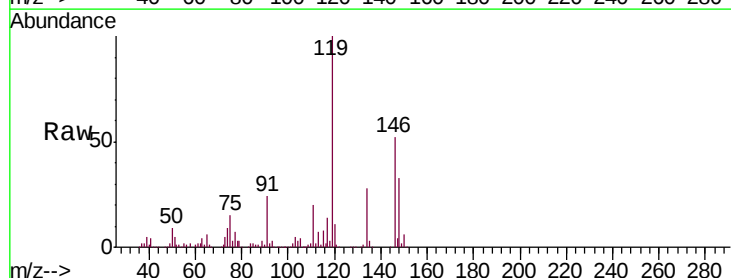
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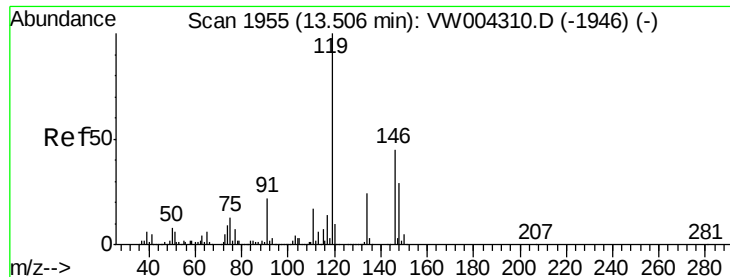
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#86
 p-Isopropyltoluene
 Concen: 18.60 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.6	37.8
91	23.5	11.3	33.9





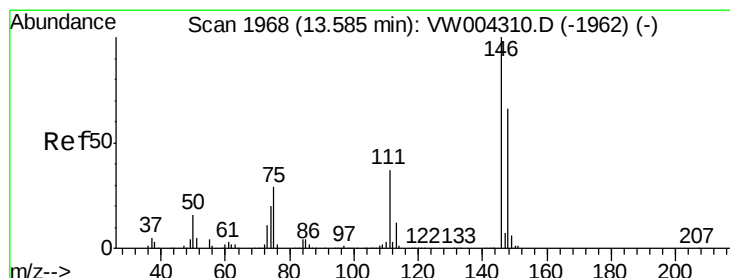
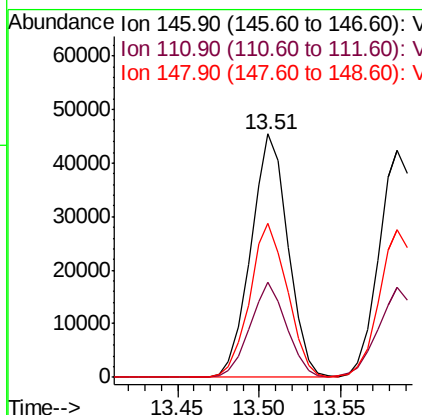
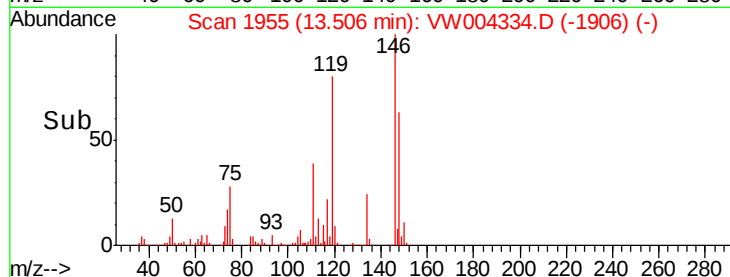
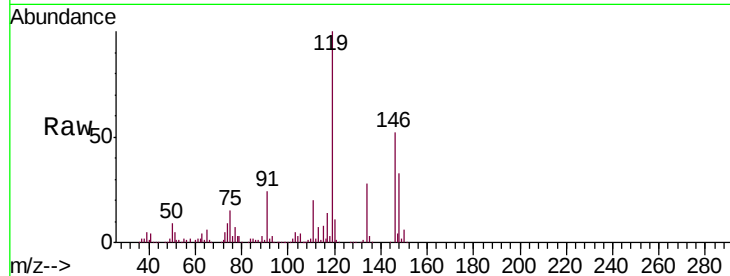
#87
1,3-Dichlorobenzene
Concen: 19.89 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.9	59.6
148	64.0	31.9	95.5

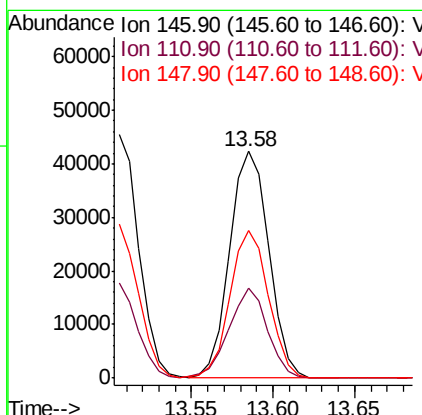
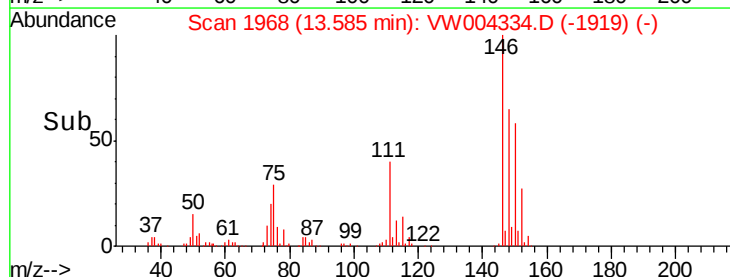
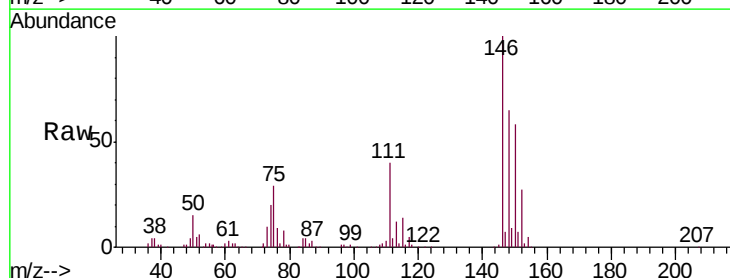
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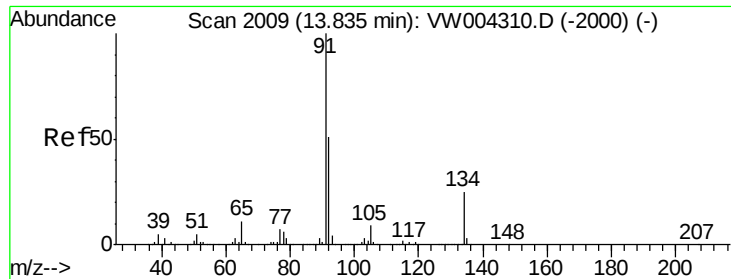
apatel
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#88
1,4-Dichlorobenzene
Concen: 19.76 ug/l
RT: 13.58 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	63.9	32.8	98.3





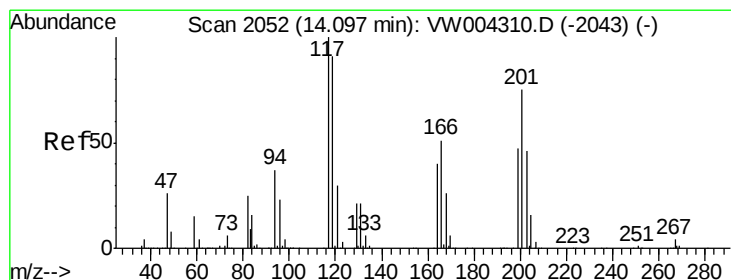
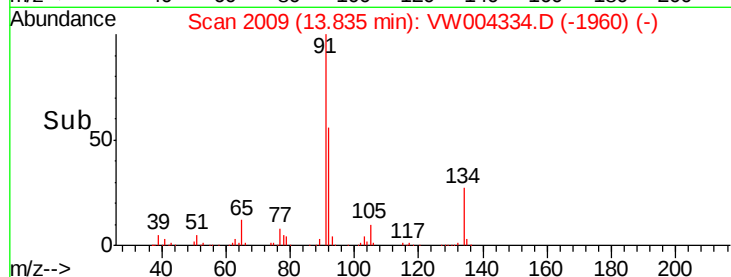
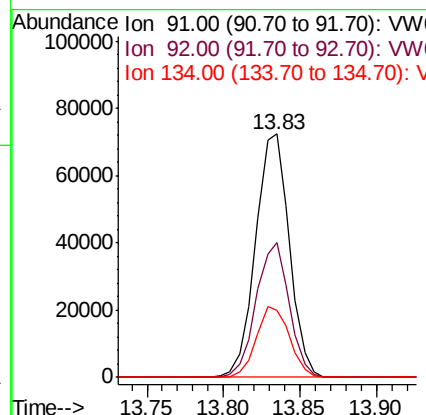
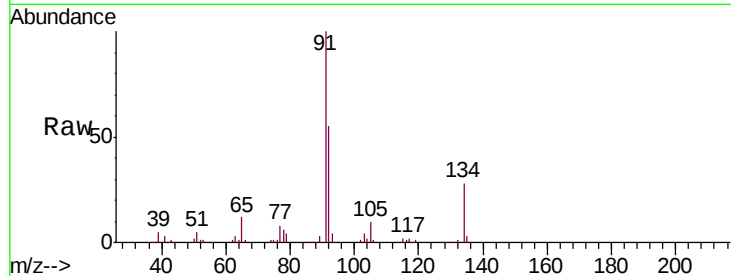
#89
n-Butylbenzene
Concen: 17.02 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.4	79.2
134	28.4	12.9	38.6

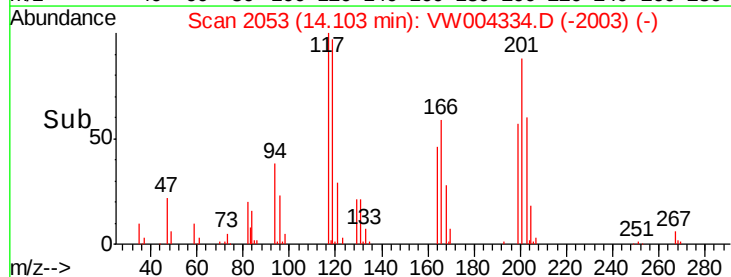
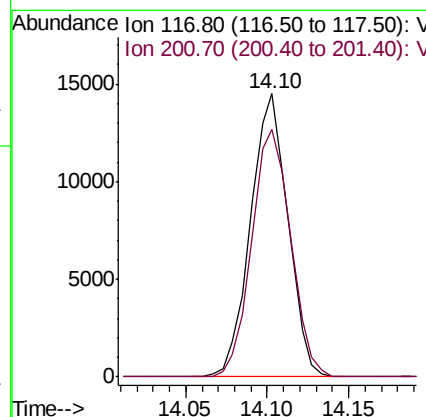
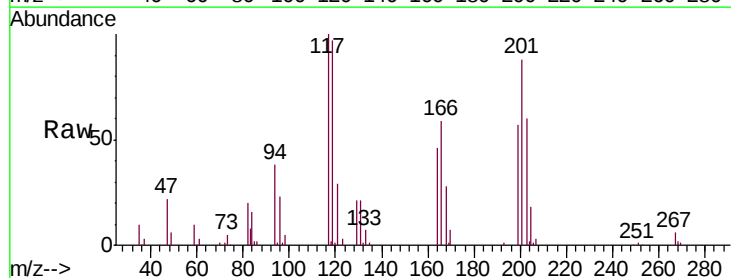
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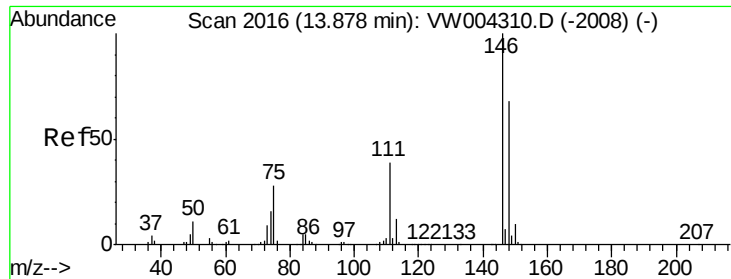
apatel
7/30/2018 10:33:54 AM



#90
Hexachloroethane
Concen: 18.52 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.2	41.5	124.5





#91

1,2-Dichlorobenzene

Concen: 20.17 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

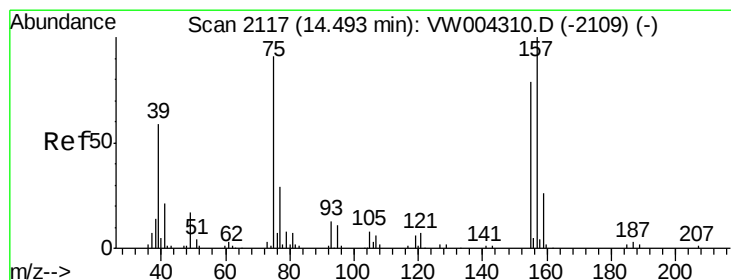
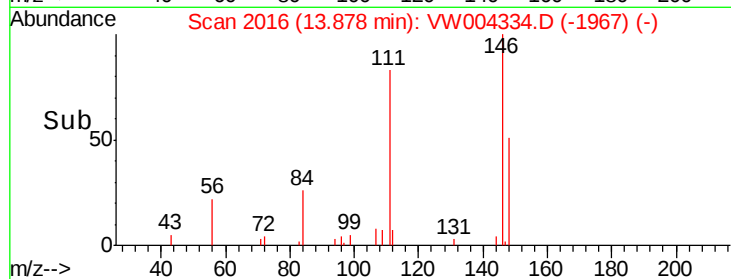
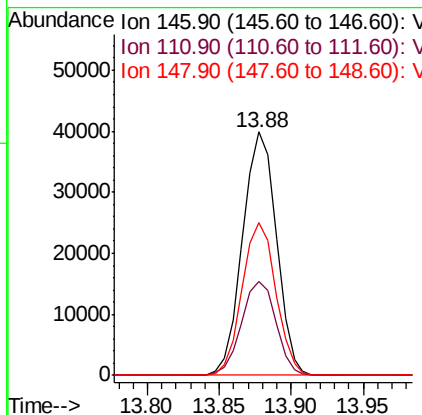
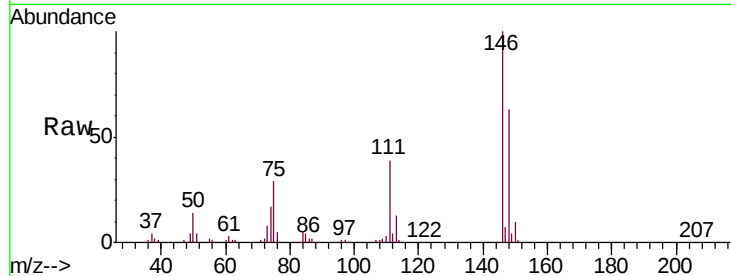
ClientSampleId :

VW0730SBS02

Tot Ion:	146	Resp:	64960
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	62.6	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.23 ug/l

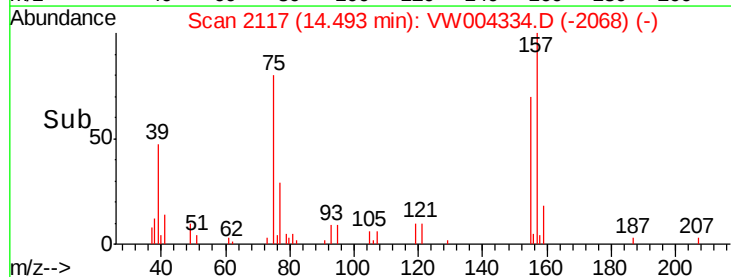
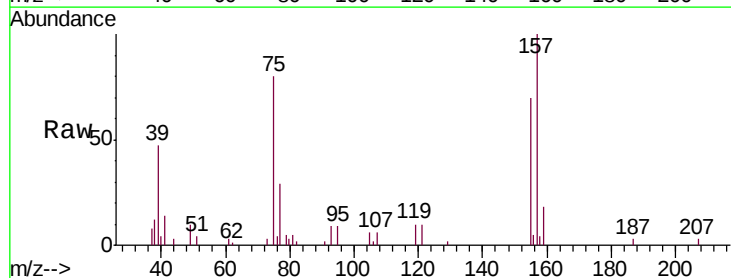
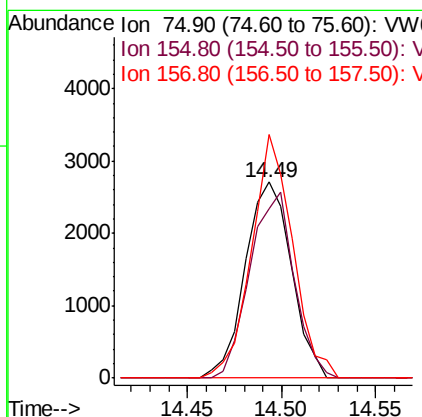
RT: 14.49 min Scan# 2117

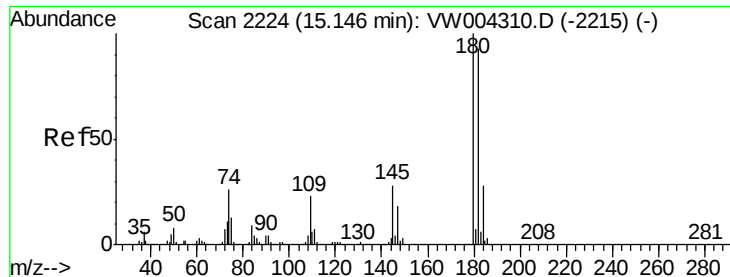
Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion:	75	Resp:	4603
Ion	Ratio	Lower	Upper
75	100		
155	91.0	41.4	124.4
157	110.8	55.2	165.6





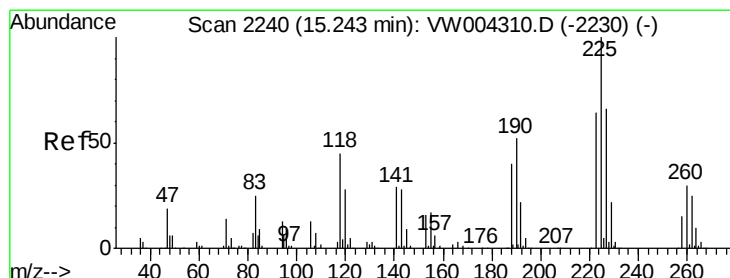
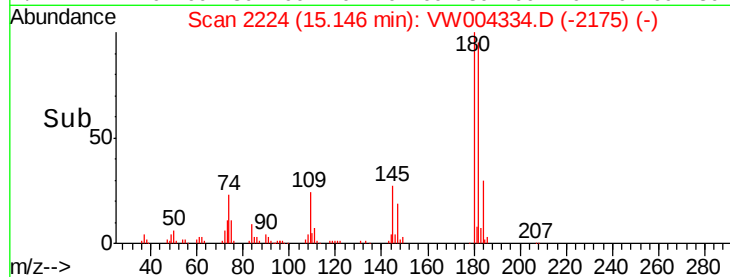
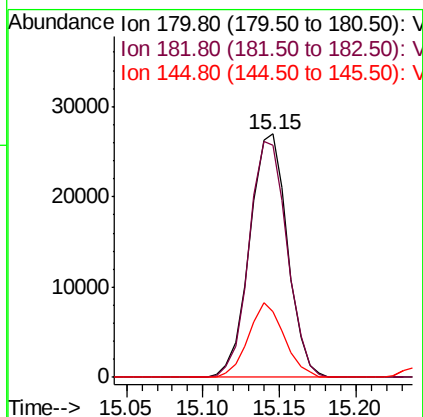
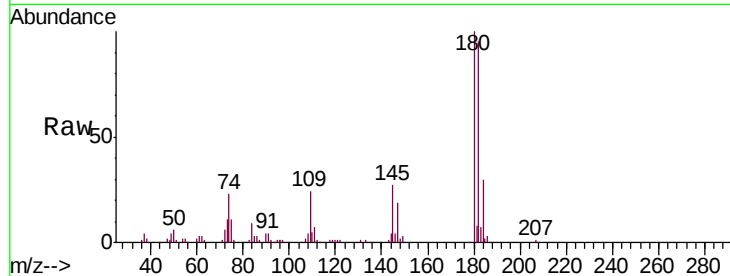
#93
 1,2,4-Trichlorobenzene
 Concen: 20.50 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.3	141.8
145	29.2	14.8	44.4

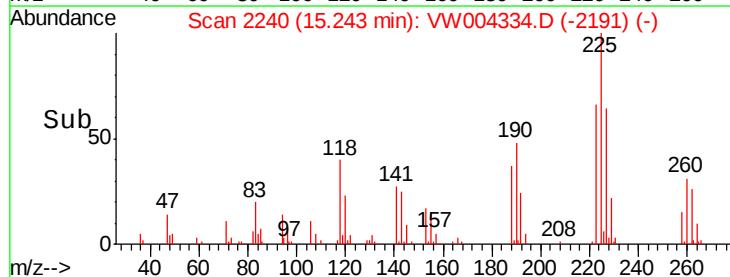
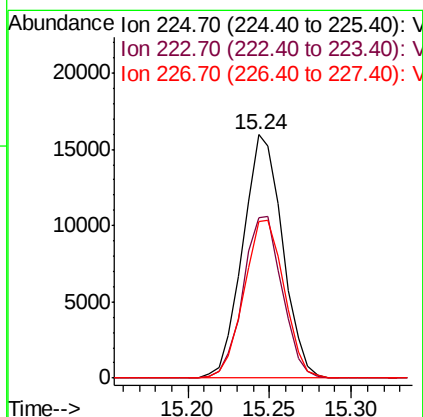
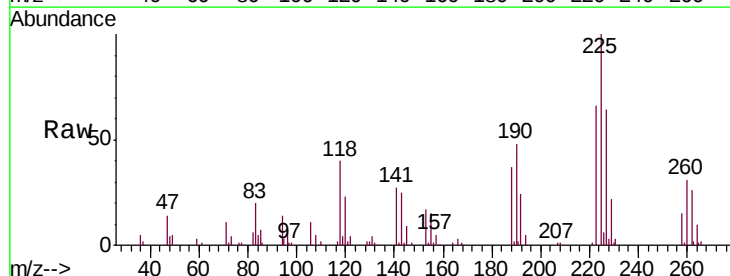
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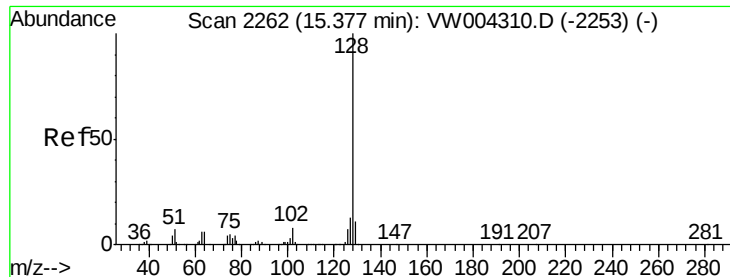
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#94
 Hexachlorobutadiene
 Concen: 19.57 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.0	93.0
227	65.8	32.6	97.7





#95

Naphthalene

Concen: 21.13 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

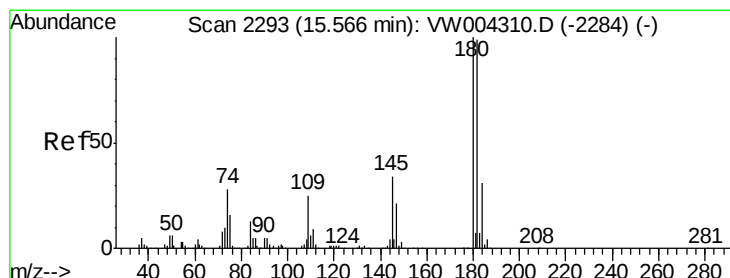
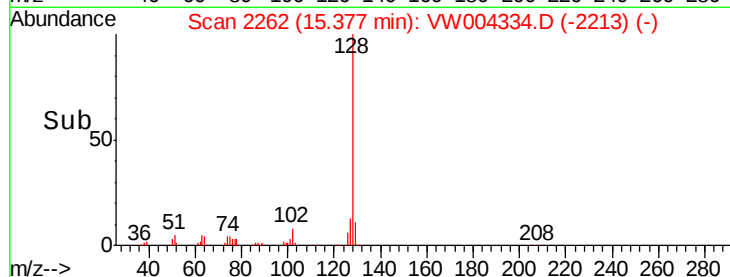
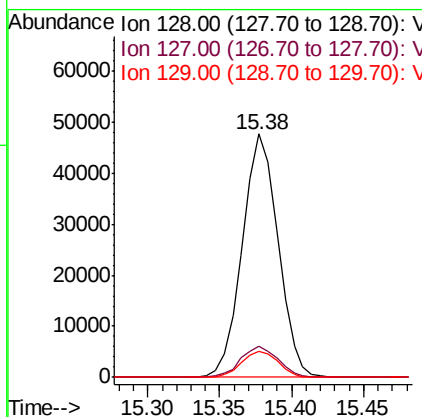
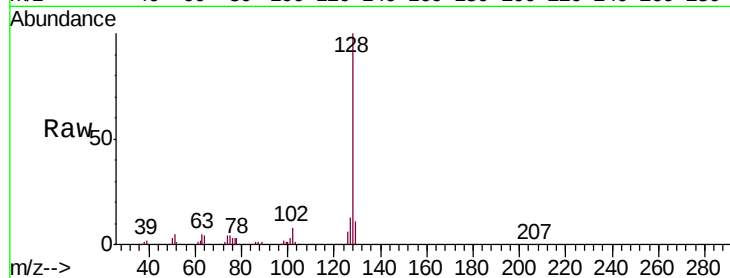
ClientSampleId :

VW0730SBS02

Tot Ion:	128	Resp:	82230
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 21.86 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion:	180	Resp:	43266
Ion Ratio	Lower	Upper	
180	100		
182	91.9	48.0	144.0
145	30.8	16.2	48.5

