

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004335.D
 Acq On : 30 Jul 2018 02:26
 Operator : SY/AP
 Sample : VW0730SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Manual Integrations
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 7/30/2018 10:33:58 AM

Quant Time: Jul 30 06:57:00 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	141442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	210032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	190058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	69825	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.88	113	64175	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.33	98	250410	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.62	95	91798	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	8929m	19.10	ug/l	
3) Chloromethane	2.21	50	16416	23.43	ug/l	97
4) Vinyl Chloride	2.36	62	27638	20.73	ug/l	98
5) Bromomethane	2.77	94	19508	22.73	ug/l	99
6) Chloroethane	2.92	64	16450	20.47	ug/l	99
7) Trichlorofluoromethane	3.25	101	15715	18.19	ug/l	95
8) Diethyl Ether	3.67	74	13250	19.99	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22936	16.97	ug/l	93
10) Methyl Iodide	4.26	142	40390	20.03	ug/l	98
11) Tert butyl alcohol	5.17	59	10419	108.46	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	23218	17.43	ug/l	94
13) Acrolein	3.89	56	6604	76.79	ug/l	92
14) Allyl chloride	4.66	41	31499	14.87	ug/l #	88
15) Acrylonitrile	5.37	53	25927	84.08	ug/l	98
16) Acetone	4.12	43	21828	70.74	ug/l	100
17) Carbon Disulfide	4.37	76	68786	16.43	ug/l	100
18) Methyl Acetate	4.67	43	12267	16.06	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	47751	19.39	ug/l	94
20) Methylene Chloride	4.91	84	25617	17.75	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	26026	17.95	ug/l	96
22) Diisopropyl ether	6.31	45	66495	15.53	ug/l #	94
23) Vinyl Acetate	6.26	43	187389	75.42	ug/l #	92
24) 1,1-Dichloroethane	6.21	63	44344	16.43	ug/l	98
25) 2-Butanone	7.18	43	31340	79.09	ug/l #	89
26) 2,2-Dichloropropane	7.17	77	24890	15.55	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	29598	19.27	ug/l	89
28) Bromochloromethane	7.51	49	16270	16.83	ug/l #	69
29) Tetrahydrofuran	7.53	42	20269	75.99	ug/l #	84
30) Chloroform	7.68	83	49937	18.95	ug/l	100
31) Cyclohexane	7.95	56	36223	14.87	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	41631	19.24	ug/l	97
36) 1,1-Dichloropropene	8.08	75	35995	17.13	ug/l	96
37) Ethyl Acetate	7.26	43	13351	15.51	ug/l #	92
38) Carbon Tetrachloride	8.07	117	40044	19.30	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42033	16.60	ug/l	96
40) Benzene	8.32	78	105586	17.86	ug/l	99
41) Methacrylonitrile	7.49	41	7283	14.46	ug/l #	74
42) 1,2-Dichloroethane	8.40	62	33963	20.10	ug/l	99
43) Isopropyl Acetate	8.43	43	27658	17.82	ug/l #	95
44) Trichloroethene	9.09	130	31962	20.03	ug/l	83
45) 1,2-Dichloropropane	9.37	63	25133	17.14	ug/l	98
46) Dibromomethane	9.46	93	14336	19.14	ug/l	90
47) Bromodichloromethane	9.65	83	36508	19.22	ug/l #	97
48) Methyl methacrylate	9.44	41	13257	16.77	ug/l	89
49) 1,4-Dioxane	9.45	88	5179	456.14	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	69857	82.02	ug/l	93
52) Toluene	10.39	92	70206	18.92	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	34765	18.27	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	39337	17.73	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	20872	19.56	ug/l	93
56) Ethyl methacrylate	10.65	69	25107	19.44	ug/l	92
57) 1,3-Dichloropropane	10.94	76	33682	18.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	55230	96.28	ug/l	90
59) 2-Hexanone	10.98	43	47436	81.12	ug/l	92
60) Dibromochloromethane	11.13	129	26737	20.94	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19543	19.20	ug/l	95
64) Tetrachloroethene	10.87	164	30829	22.14	ug/l	98
65) Chlorobenzene	11.66	112	79527	19.92	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	28700	20.39	ug/l	96
67) Ethyl Benzene	11.74	91	131167	18.85	ug/l	95
68) m/p-Xylenes	11.84	106	102885	38.43	ug/l	98
69) o-Xylene	12.17	106	47934	19.38	ug/l	98
70) Styrene	12.19	104	83192	19.90	ug/l	98
71) Bromoform	12.35	173	17026	21.58	ug/l #	98
73) Isopropylbenzene	12.47	105	135906	18.28	ug/l	99
74) N-amyl acetate	12.28	43	25138	15.48	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	21869	16.80	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	15934m	16.29	ug/l	
77) Bromobenzene	12.76	156	35487	19.76	ug/l	89
78) n-propylbenzene	12.81	91	160212	17.69	ug/l	98
79) 2-Chlorotoluene	12.90	91	94666	18.28	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	122266	19.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6103	14.52	ug/l	96
82) 4-Chlorotoluene	12.99	91	102013	18.61	ug/l	99
83) tert-Butylbenzene	13.21	119	102012	19.12	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	126953	19.44	ug/l	98
85) sec-Butylbenzene	13.39	105	134373	17.24	ug/l	94
86) p-Isopropyltoluene	13.51	119	129269	18.47	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	70675	19.66	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	67965	18.95	ug/l	98
89) n-Butylbenzene	13.83	91	111760	17.10	ug/l	98
90) Hexachloroethane	14.10	117	22464	18.00	ug/l	88
91) 1,2-Dichlorobenzene	13.88	146	64170	19.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4401	19.36	ug/l	97

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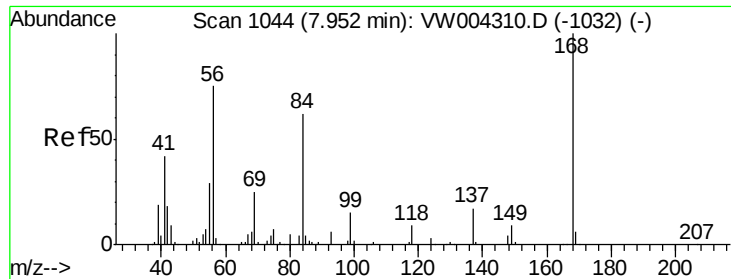
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	45179	20.00	ug/l	96
94) Hexachlorobutadiene	15.25	225	28317	20.51	ug/l	98
95) Naphthalene	15.38	128	80585	20.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	41692	21.09	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD02

Tot Ion:168 Resp: 141442

Ion Ratio Lower Upper

168 100

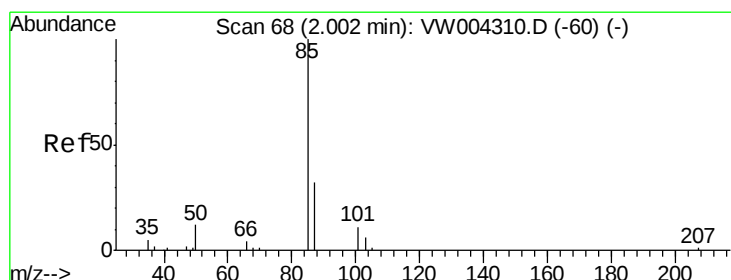
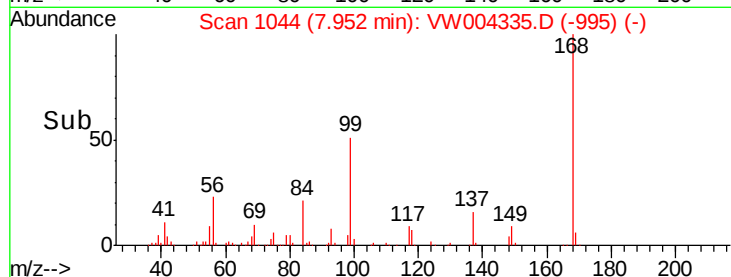
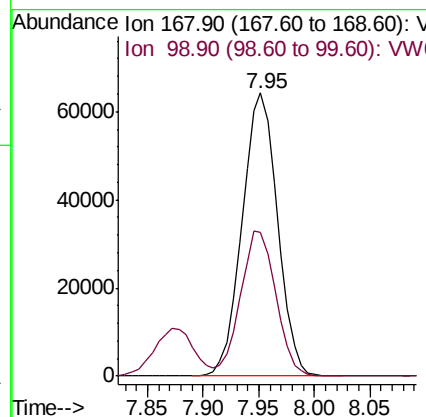
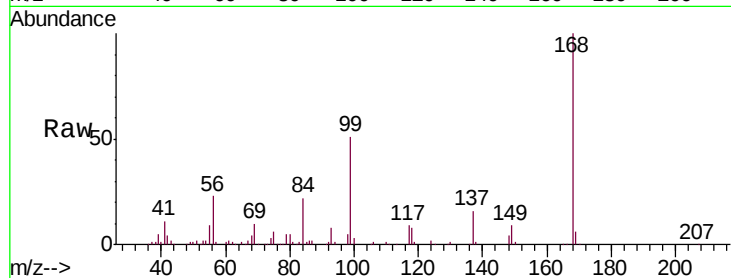
99 51.0 45.0 67.4

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#2

Dichlorodifluoromethane

Concen: 19.10 ug/l m

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW004335.D

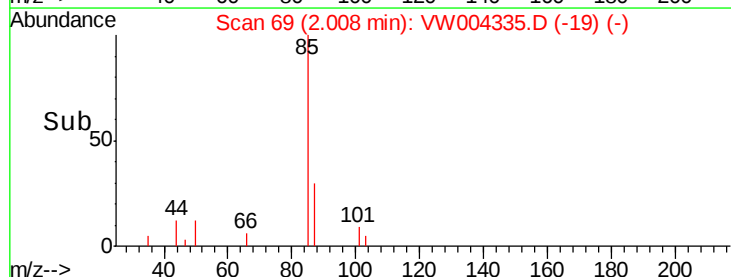
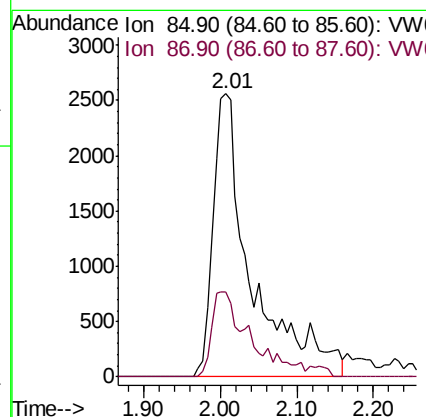
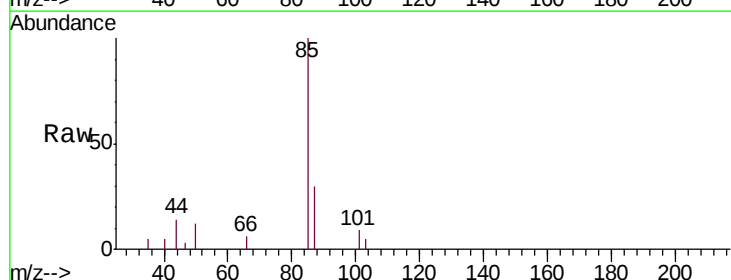
Acq: 30 Jul 2018 02:26

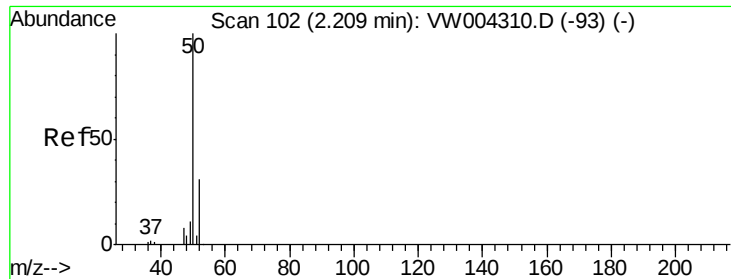
Tgt Ion: 85 Resp: 8929

Ion Ratio Lower Upper

85 100

87 30.0 15.9 47.7





#3

Chloromethane

Concen: 23.43 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 50 Resp: 16416

Ion Ratio Lower Upper

50 100

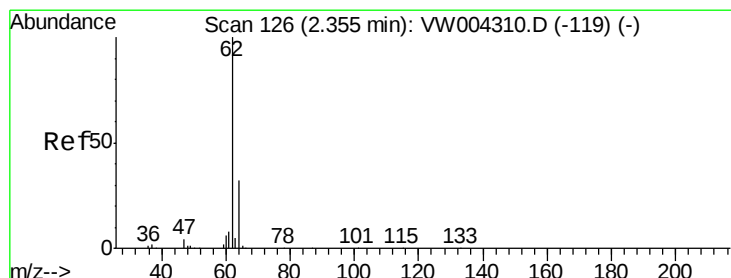
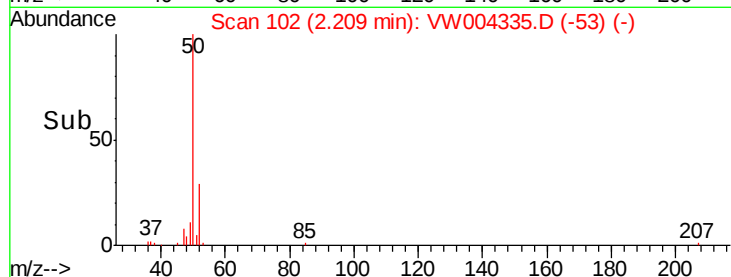
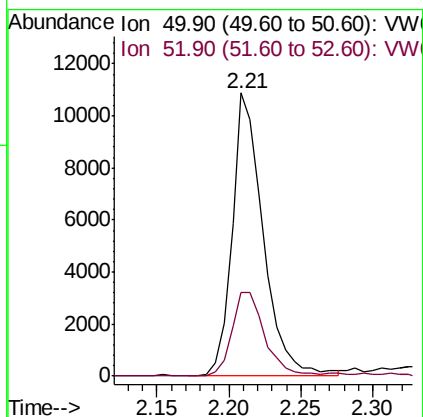
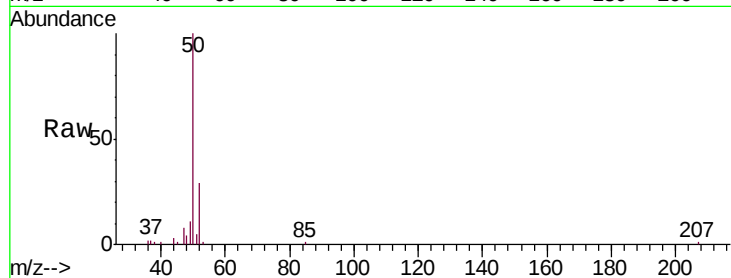
52 29.4 24.8 37.2

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#4

Vinyl Chloride

Concen: 20.73 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004335.D

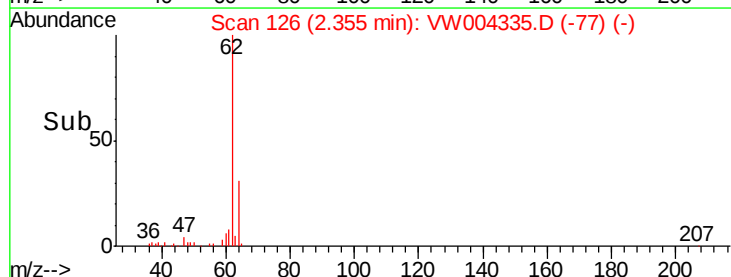
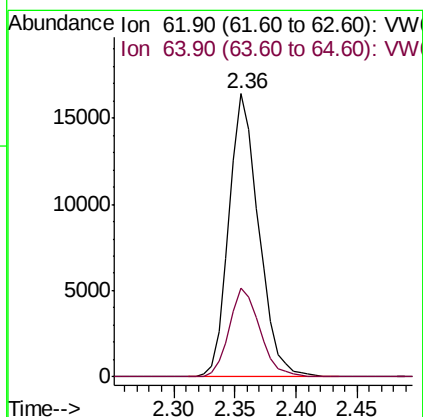
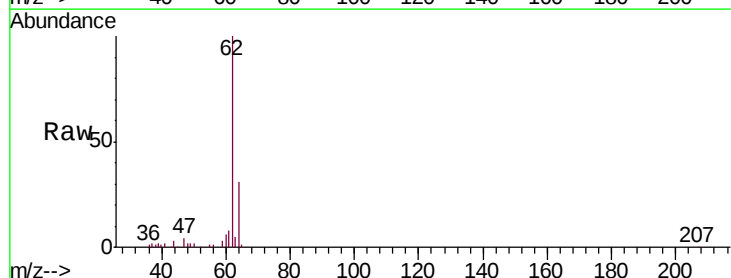
Acq: 30 Jul 2018 02:26

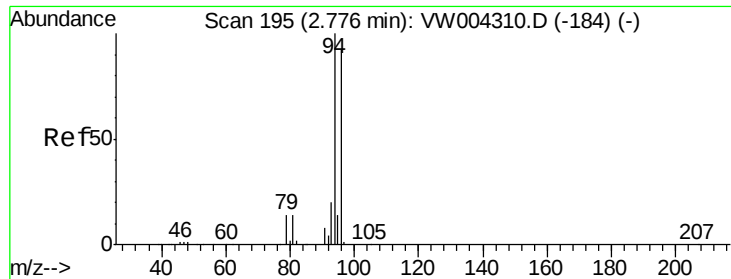
Tgt Ion: 62 Resp: 27638

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 22.73 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 94 Resp: 19508

Ion Ratio Lower Upper

94 100

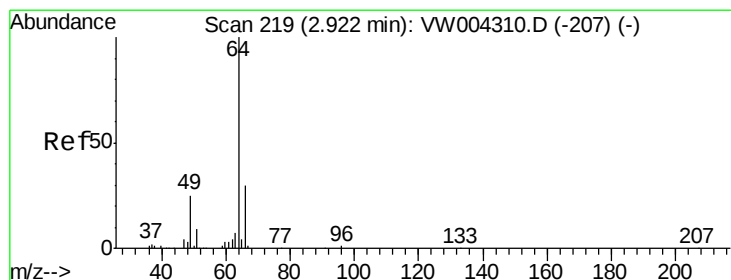
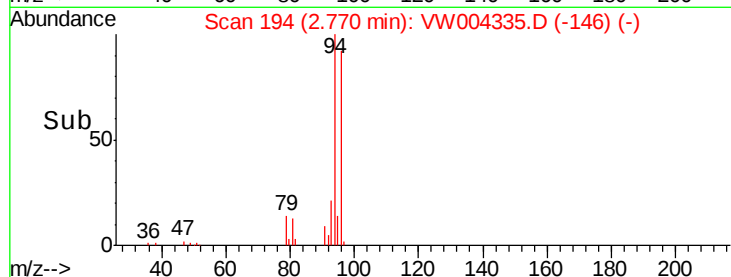
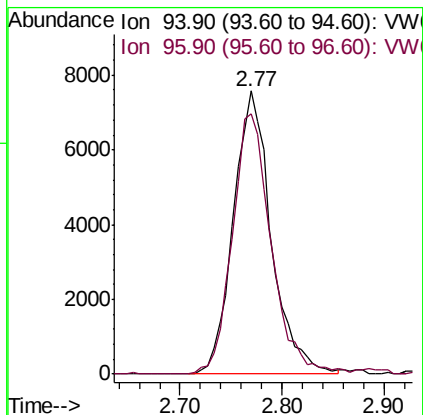
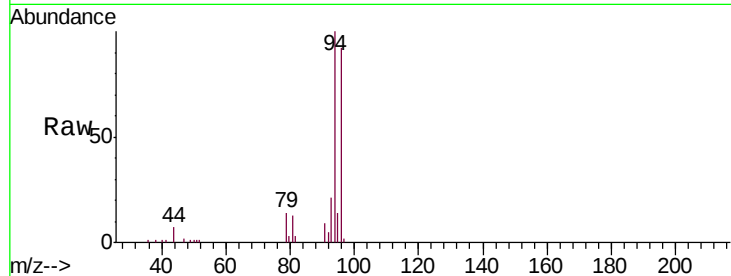
96 92.2 73.3 109.9

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#6

Chloroethane

Concen: 20.47 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW004335.D

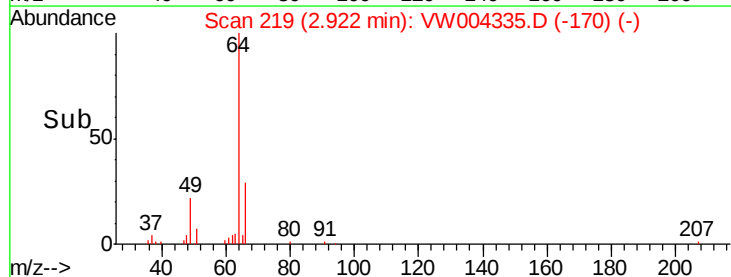
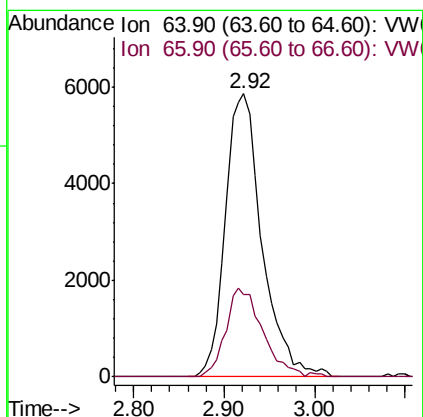
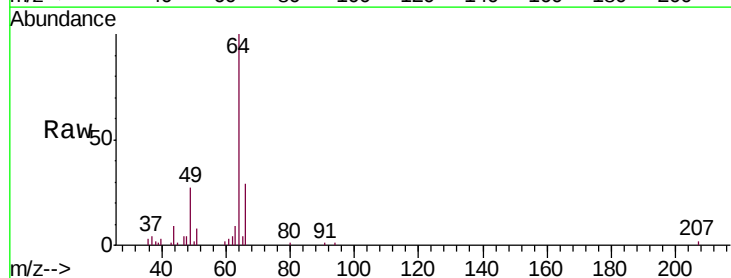
Acq: 30 Jul 2018 02:26

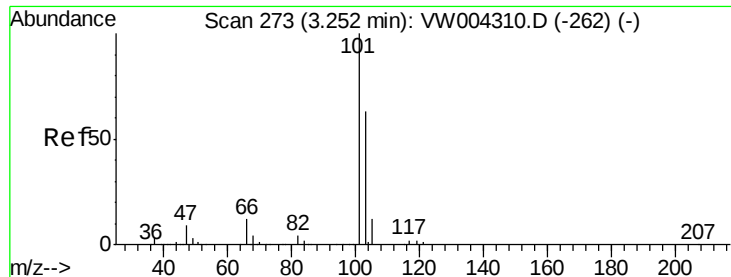
Tgt Ion: 64 Resp: 16450

Ion Ratio Lower Upper

64 100

66 29.1 23.7 35.5





#7

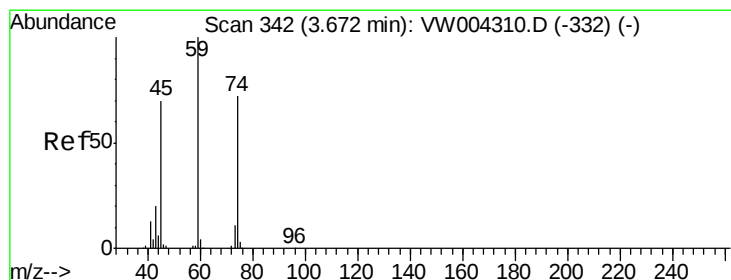
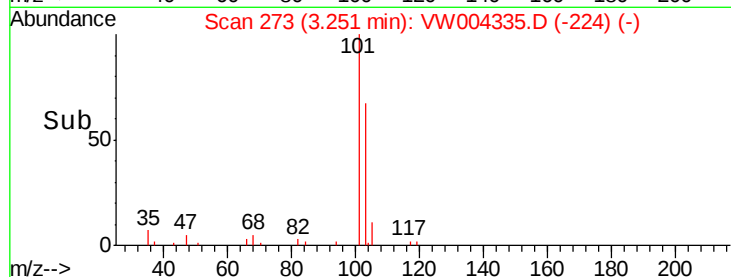
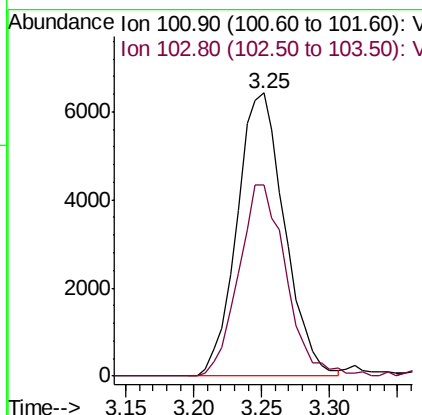
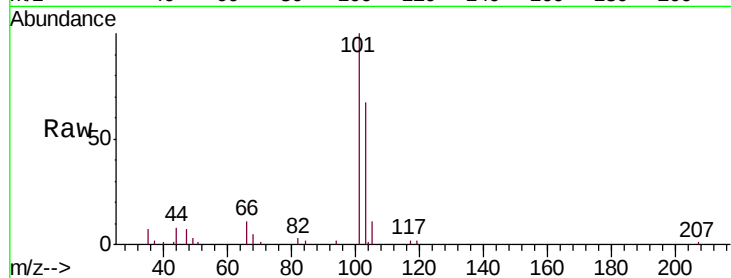
Trichlorofluoromethane
 Concen: 18.19 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	50.8	76.2

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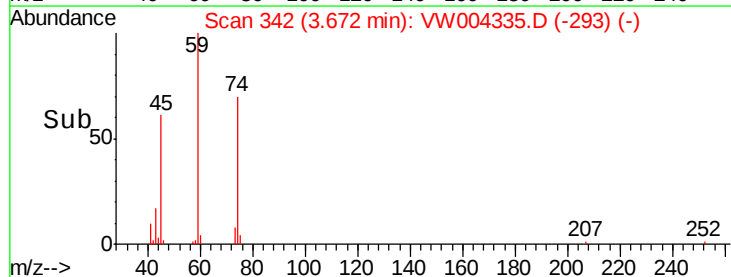
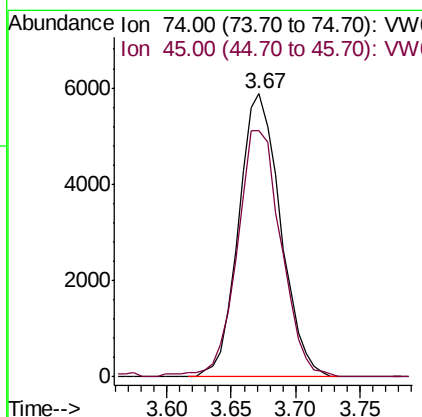
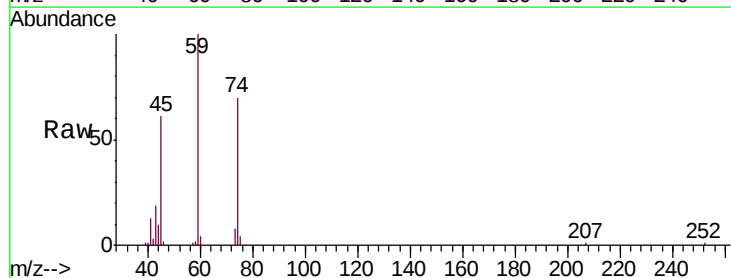
apatel
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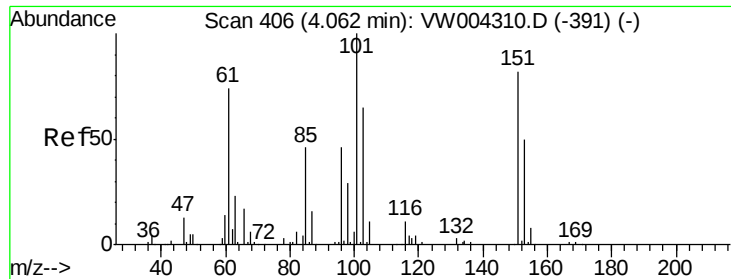


#8

Diethyl Ether
 Concen: 19.99 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.97 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

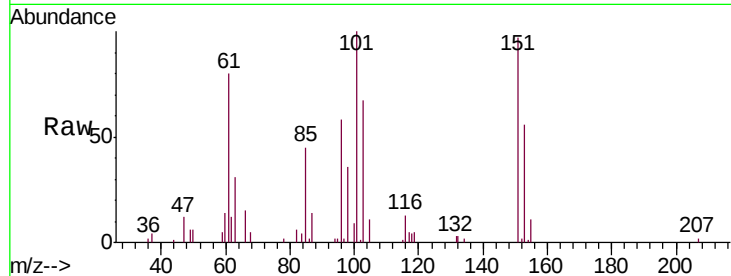
ClientSampleId :

VW0730SBS02

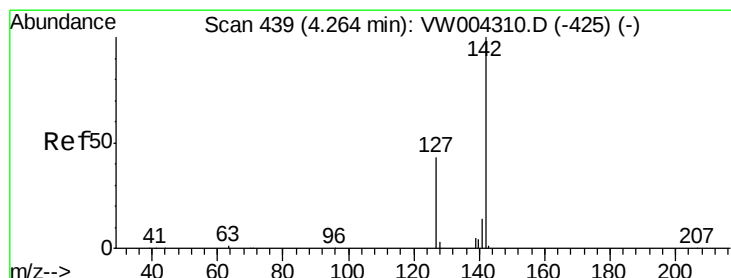
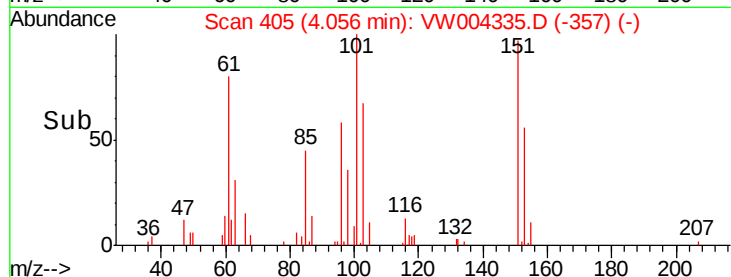
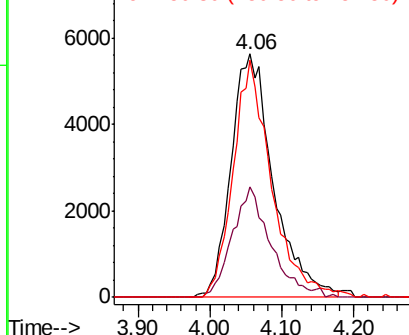
Tot Ion:	101	Resp:	22936
Ion Ratio	Lower	Upper	
101	100		
85	41.4	35.5	53.3
151	88.5	64.6	97.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.03 ug/l

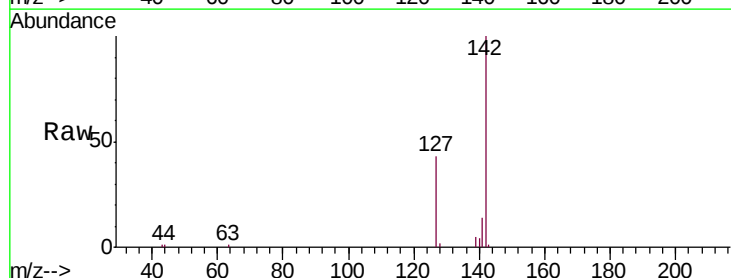
RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

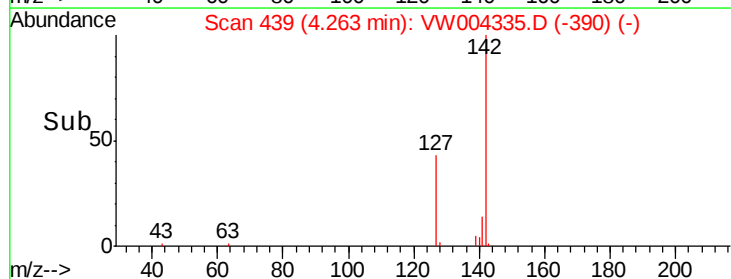
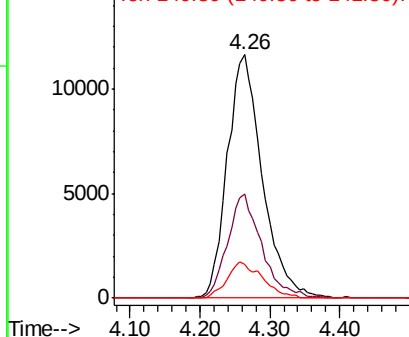
Lab File: VW004335.D

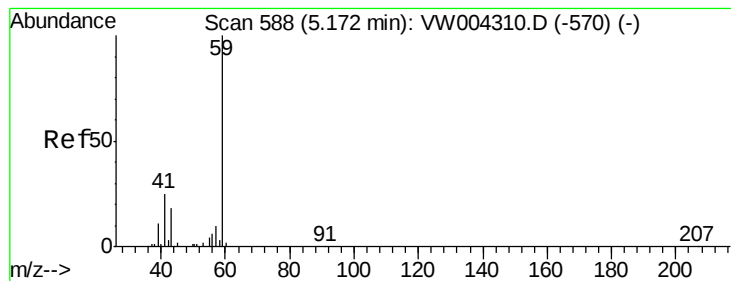
Acq: 30 Jul 2018 02:26

Tgt Ion:	142	Resp:	40390
Ion Ratio	Lower	Upper	
142	100		
127	41.6	34.6	52.0
141	14.9	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

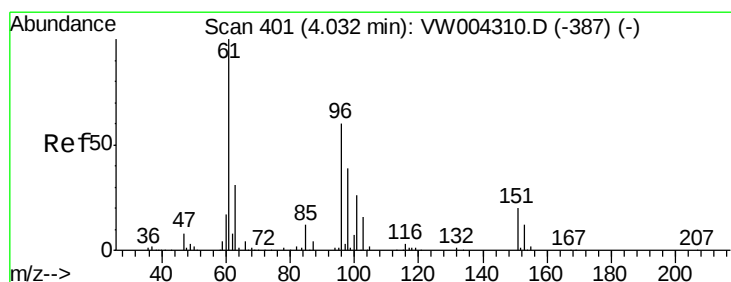
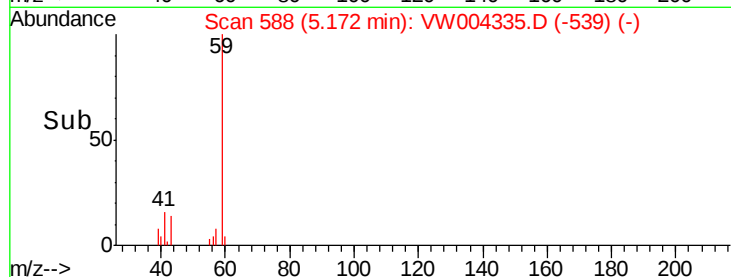
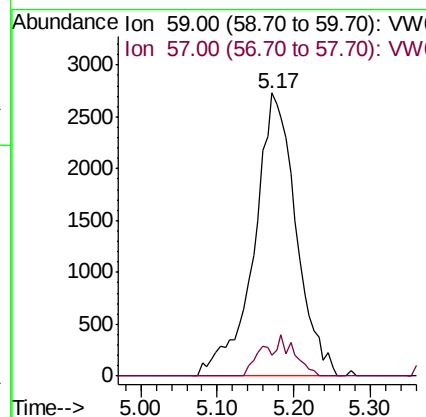
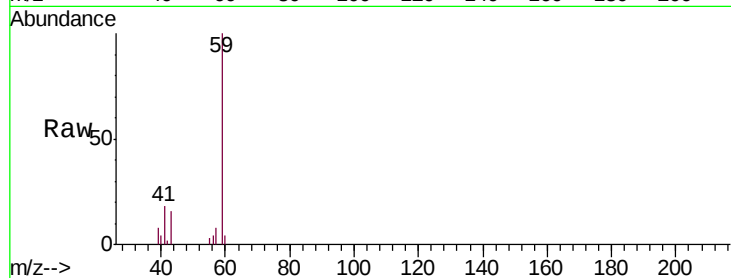
Tert butyl alcohol
 Concen: 108.46 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.3	8.4	12.6#

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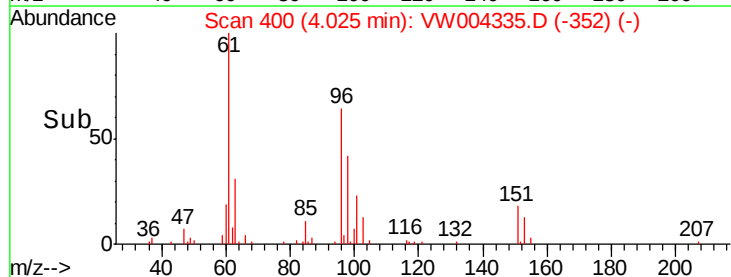
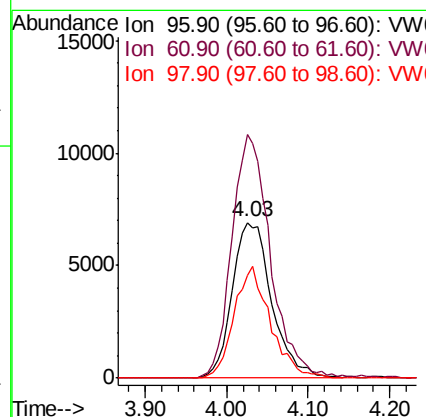
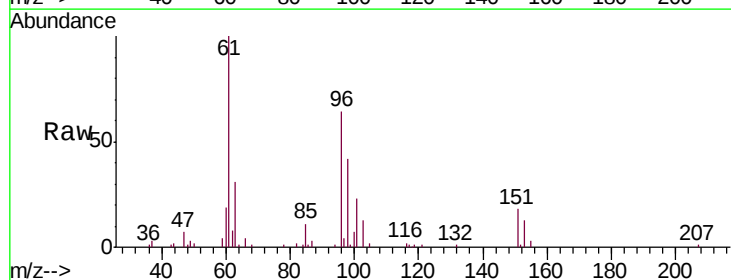
apatel
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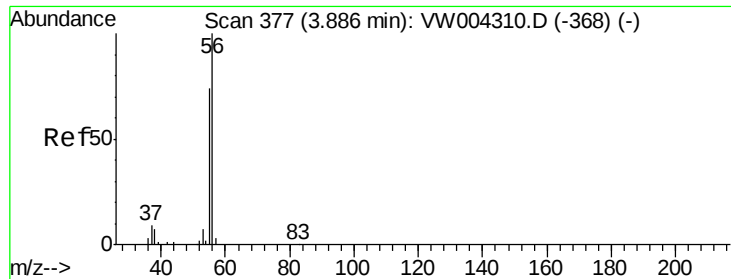


#12

1,1-Dichloroethene
 Concen: 17.43 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	133.4	200.0
98	65.6	51.9	77.9





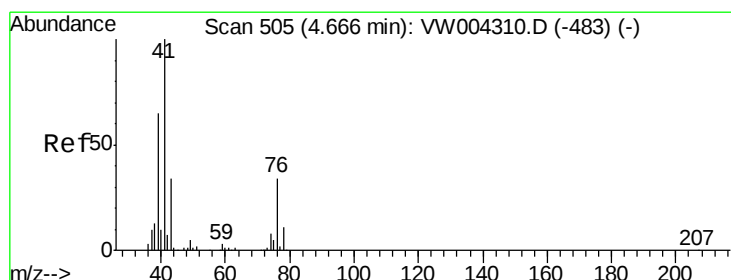
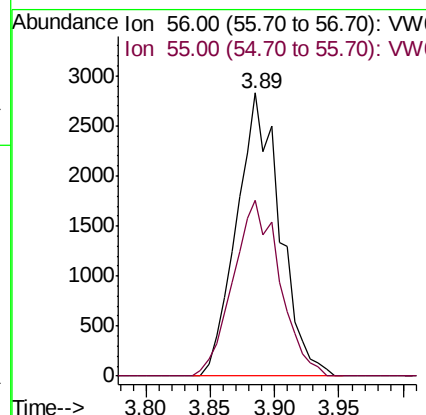
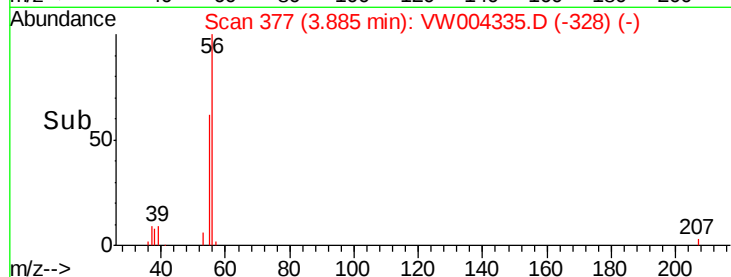
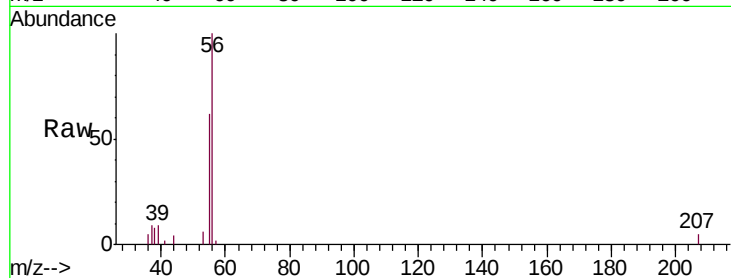
#13
Acrolein
Concen: 76.79 ug/l
RT: 3.89 min Scan# 377
Delta R.T. 0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.2	59.4	89.2

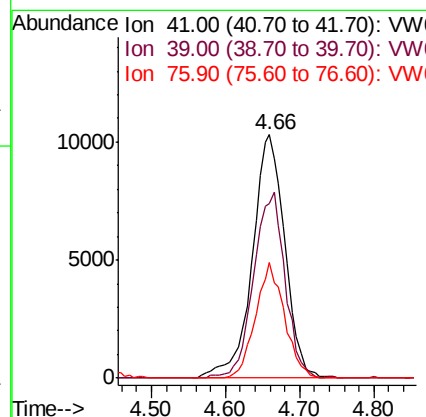
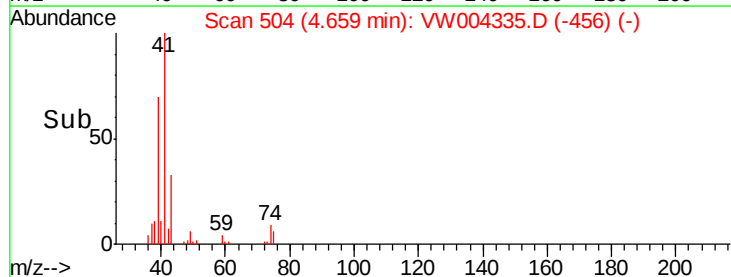
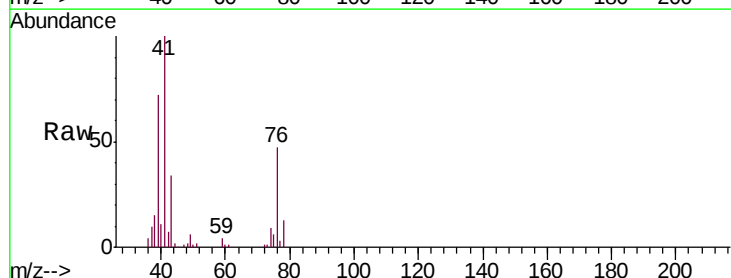
Manual Integrations
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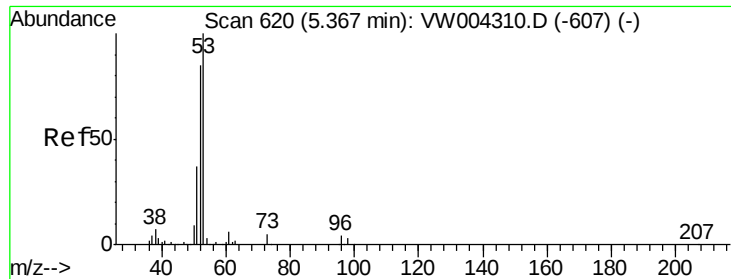
apatel
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#14
Allyl chloride
Concen: 14.87 ug/l
RT: 4.66 min Scan# 504
Delta R.T. -0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.7	52.3	78.5
76	42.0	27.3	40.9#





#15

Acrylonitrile

Concen: 84.08 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

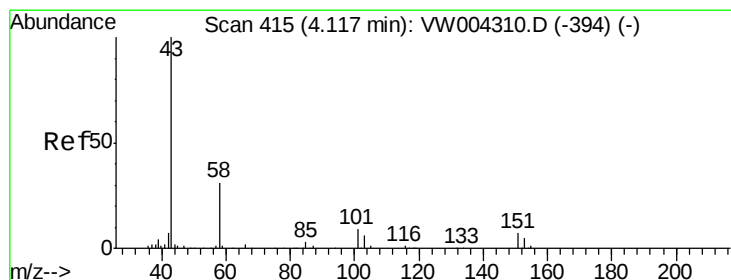
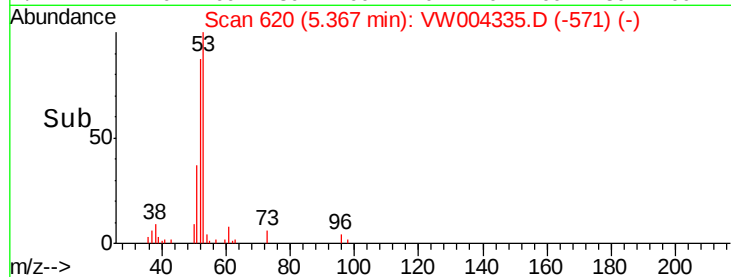
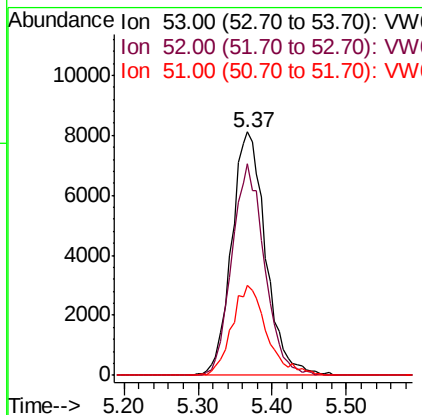
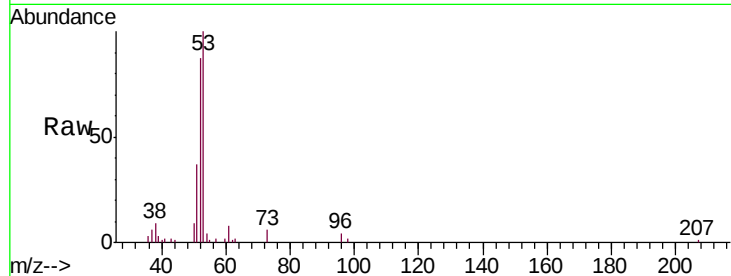
ClientSampleId :

VW0730SBS02

Tot Ion:	53	Resp:	25927
Ion Ratio	Lower	Upper	
53	100		
52	83.3	65.7	98.5
51	37.8	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 70.74 ug/l

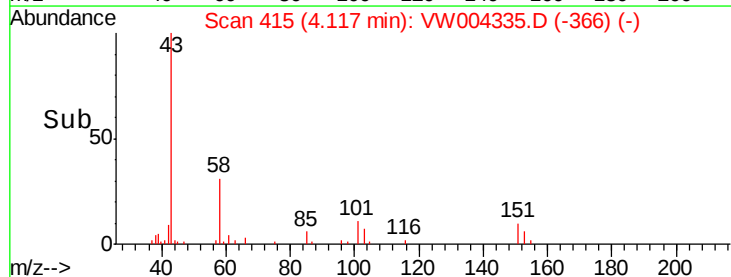
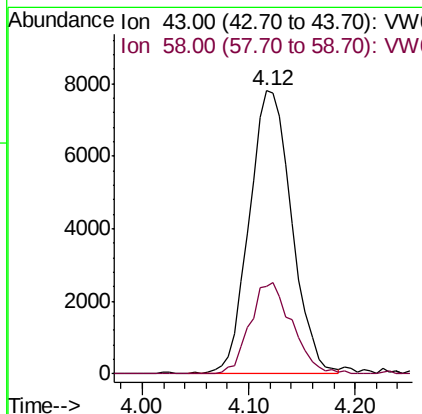
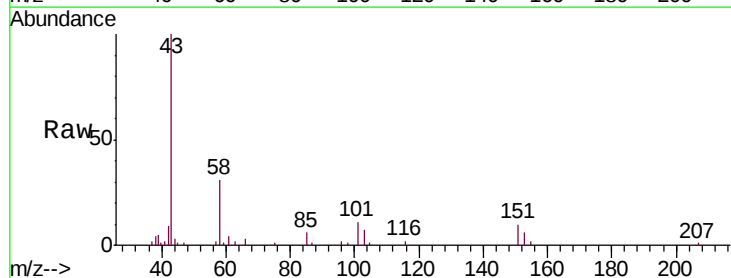
RT: 4.12 min Scan# 415

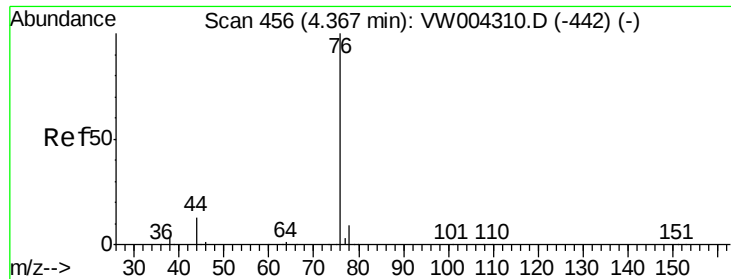
Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion:	43	Resp:	21828
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.8	37.2





#17

Carbon Disulfide

Concen: 16.43 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD02

Tot Ion: 76 Resp: 68786

Ion Ratio Lower Upper

76 100

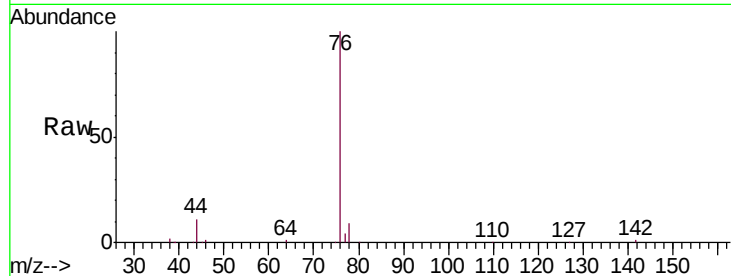
78 9.1 7.4 11.0

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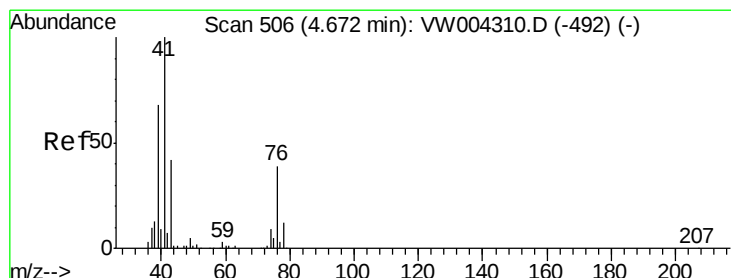
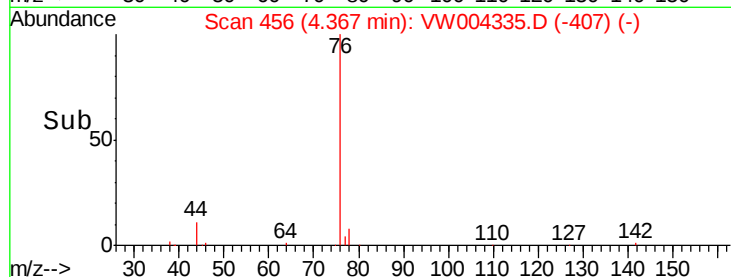
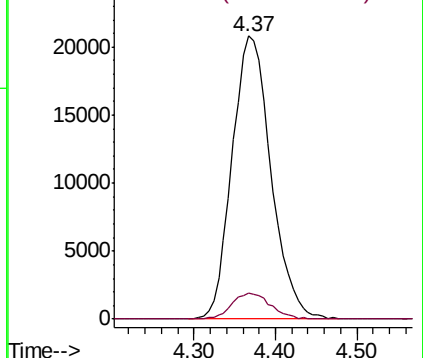
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.06 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW004335.D

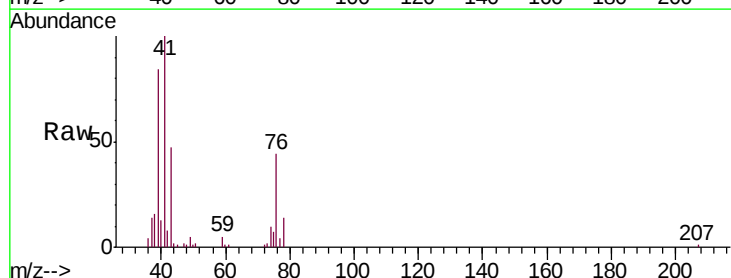
Acq: 30 Jul 2018 02:26

Tgt Ion: 43 Resp: 12267

Ion Ratio Lower Upper

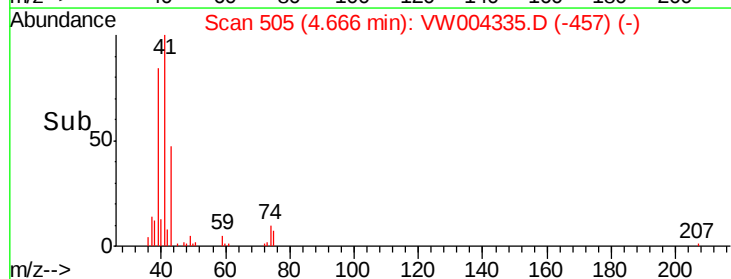
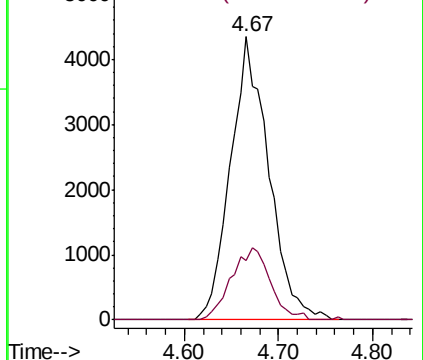
43 100

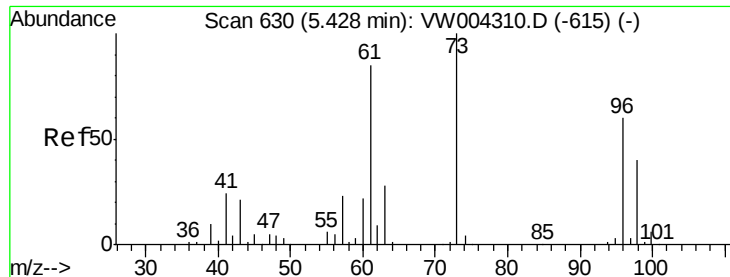
74 26.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





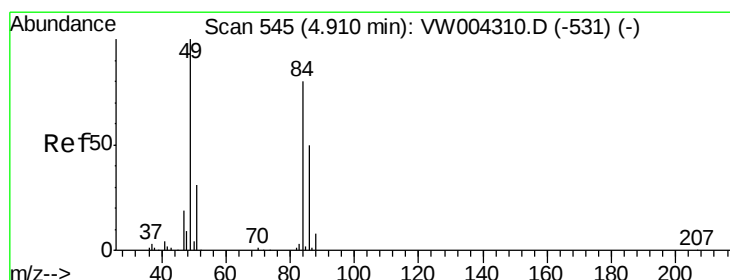
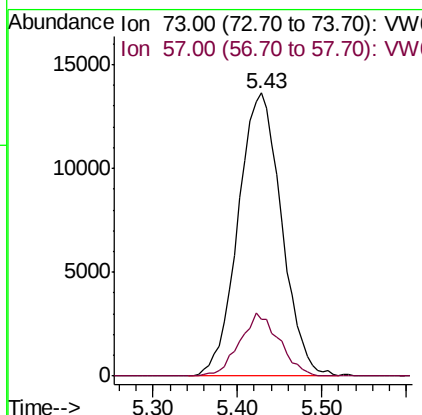
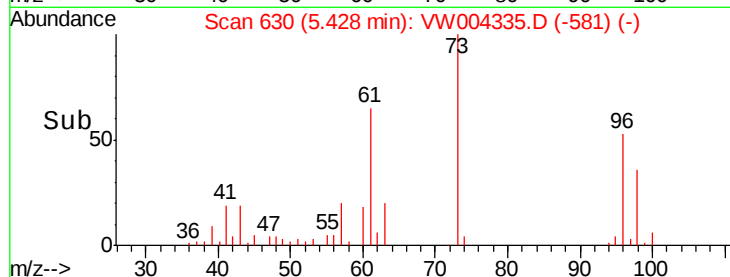
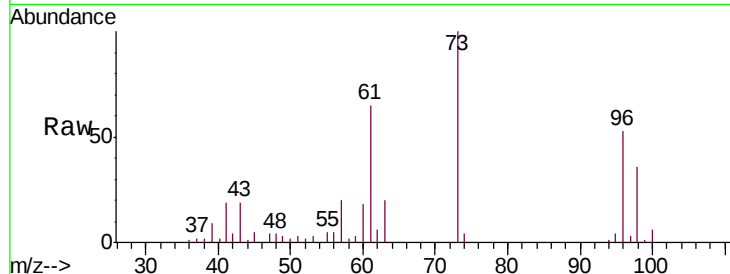
#19
Methvl tert-butvl Ether
Concen: 19.39 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion: 73 Resp: 47751
Ion Ratio Lower Upper
73 100
57 20.1 18.4 27.6

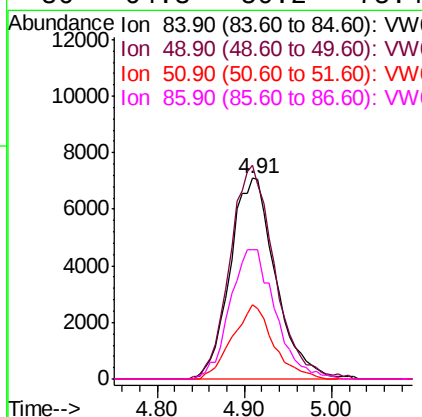
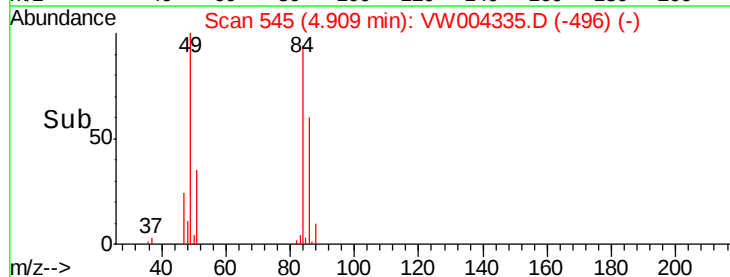
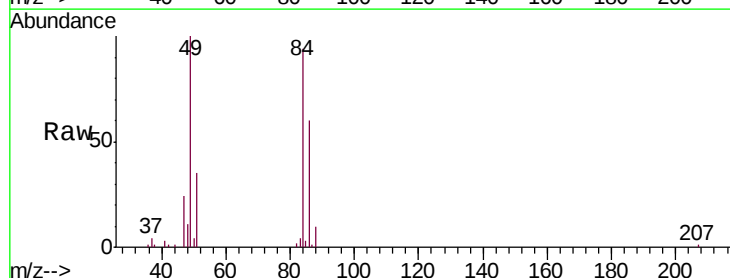
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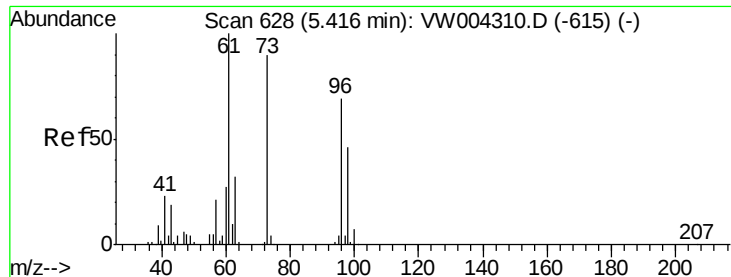
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#20
Methylene Chloride
Concen: 17.75 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 84 Resp: 25617
Ion Ratio Lower Upper
84 100
49 106.4 100.5 150.7
51 37.0 30.9 46.3
86 64.3 50.2 75.4





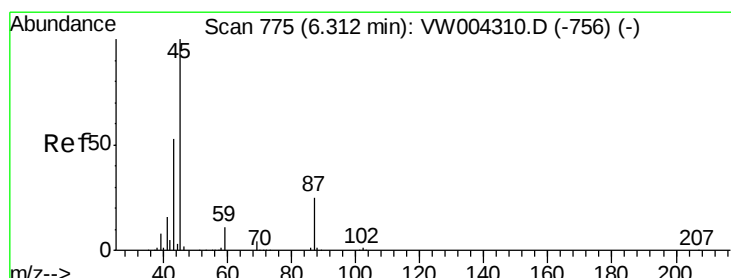
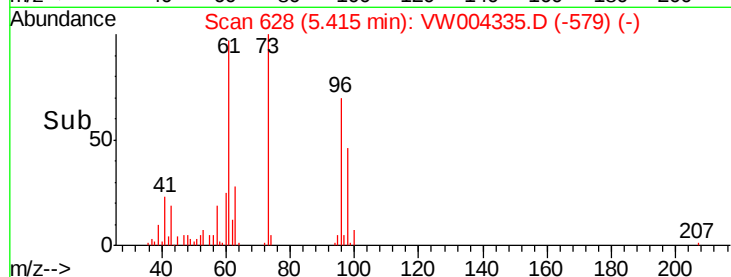
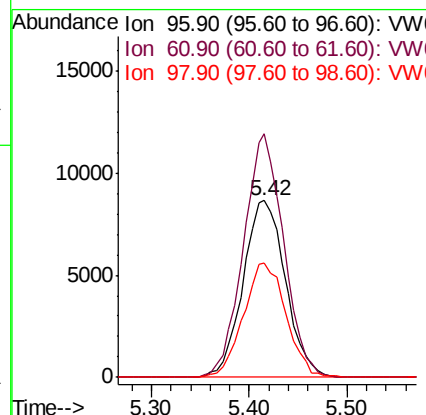
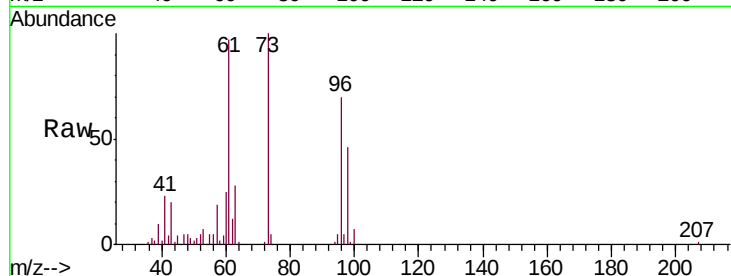
#21
trans-1,2-Dichloroethene
Concen: 17.95 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	116.2	174.2
98	64.8	52.9	79.3

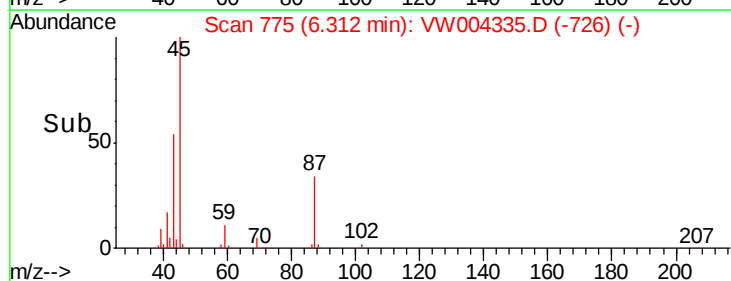
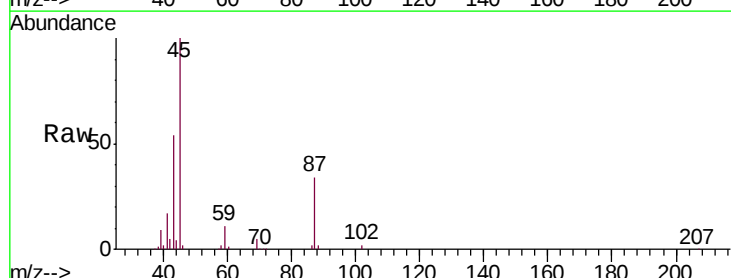
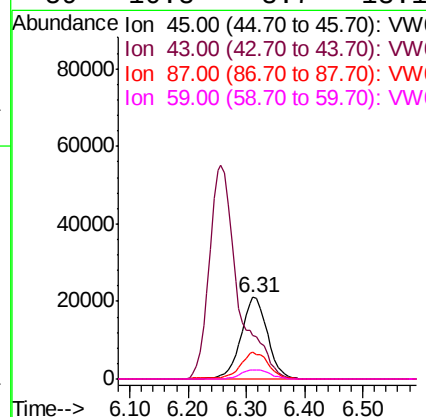
Manual Integrations
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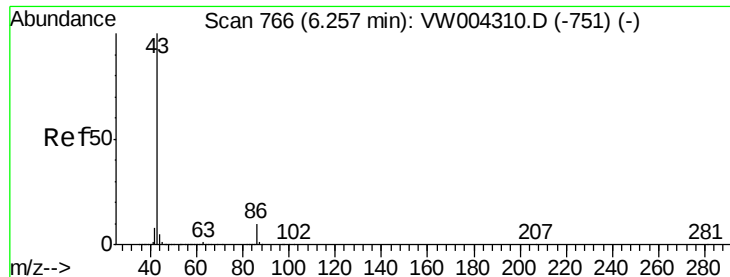
apatel
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#22
Diisopropyl ether
Concen: 15.53 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.8	42.3	63.5
87	33.7	19.9	29.9#
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 75.42 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 43 Resp: 187389

Ion Ratio Lower Upper

43 100

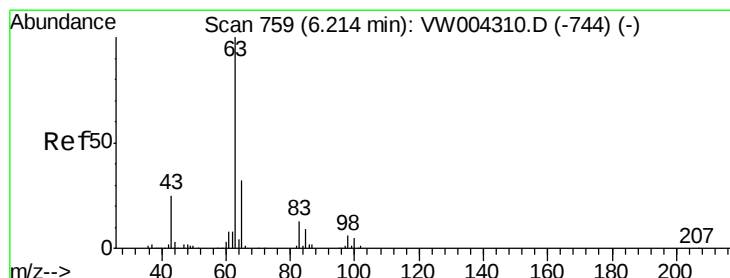
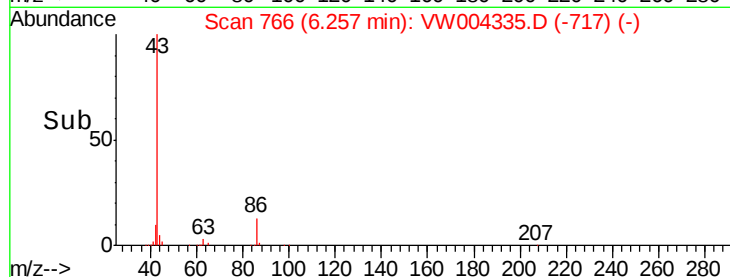
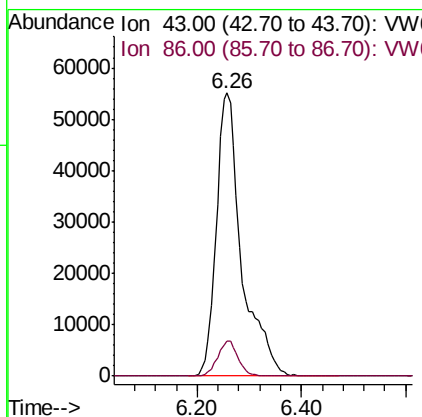
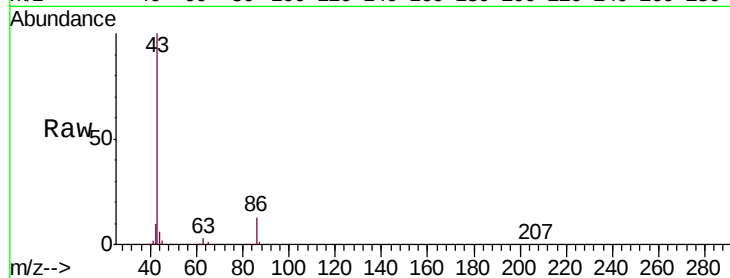
86 12.5 7.7 11.5#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.43 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

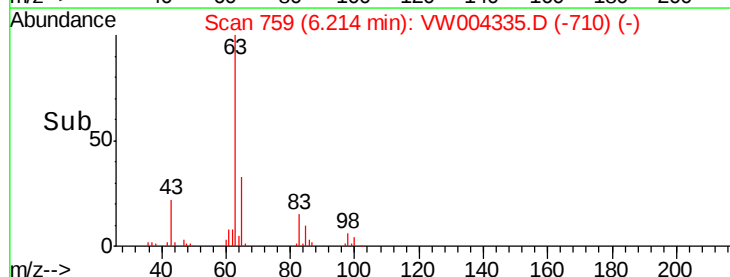
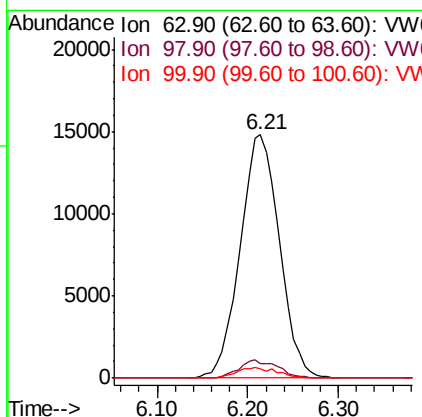
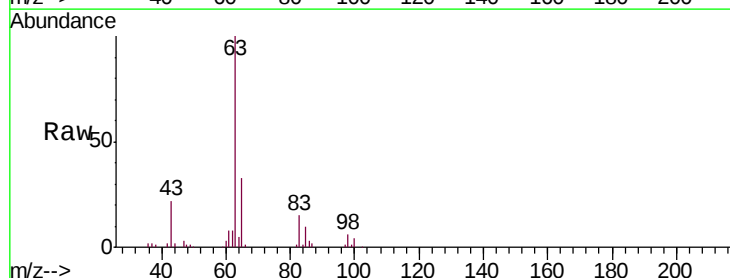
Tgt Ion: 63 Resp: 44344

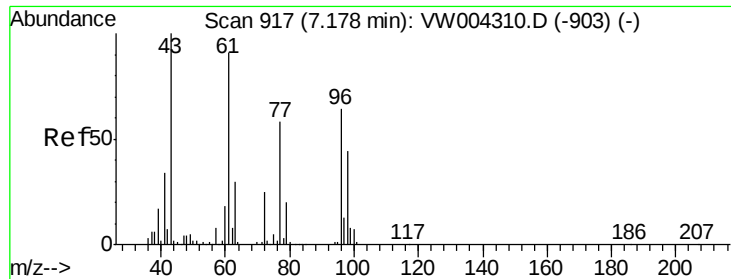
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 4.0 2.3 6.9





#25

2-Butanone

Concen: 79.09 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD02

Tot Ion: 43 Resp: 31340

Ion Ratio Lower Upper

43 100

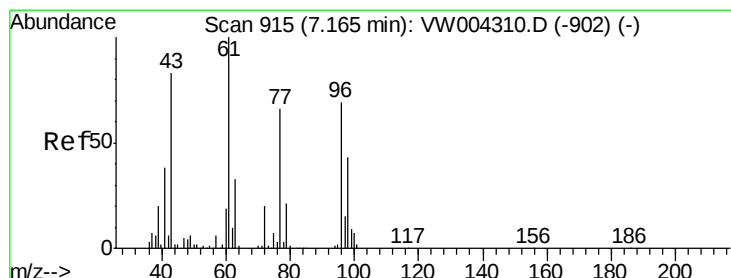
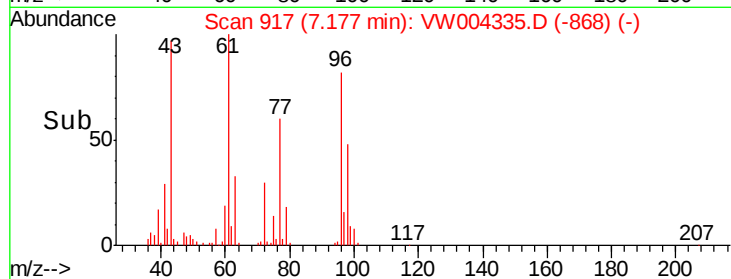
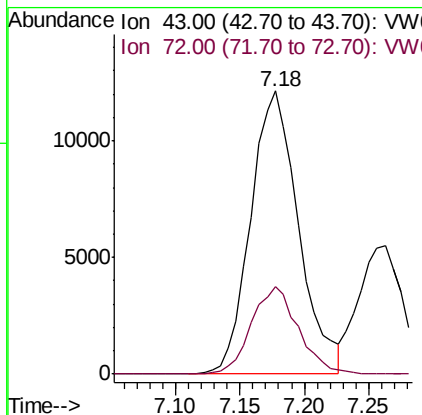
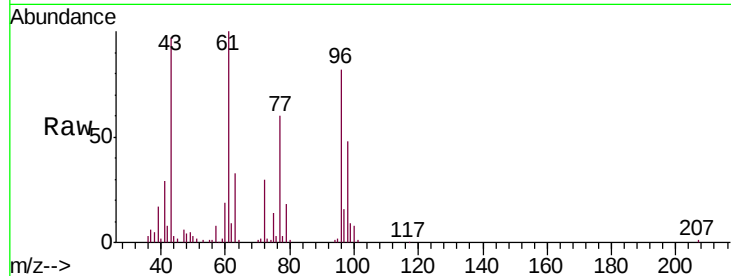
72 31.1 20.3 30.5#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.55 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004335.D

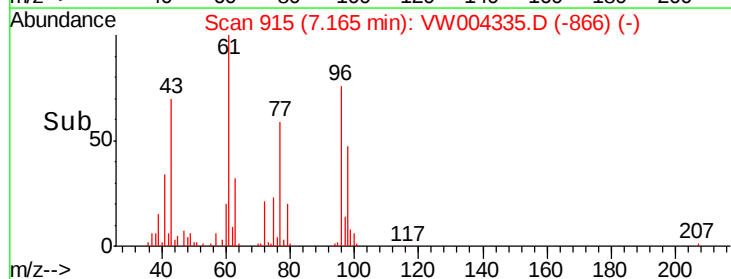
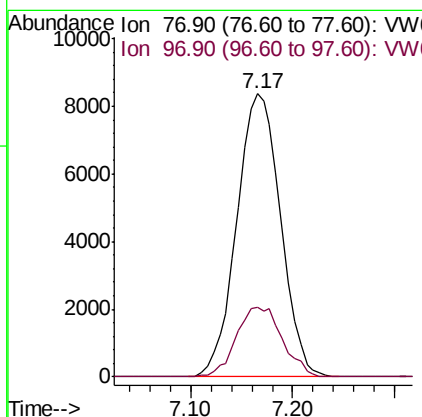
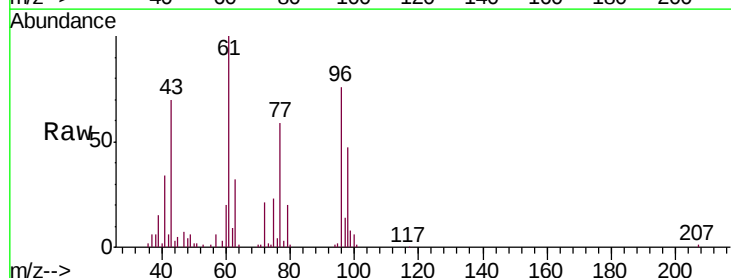
Acq: 30 Jul 2018 02:26

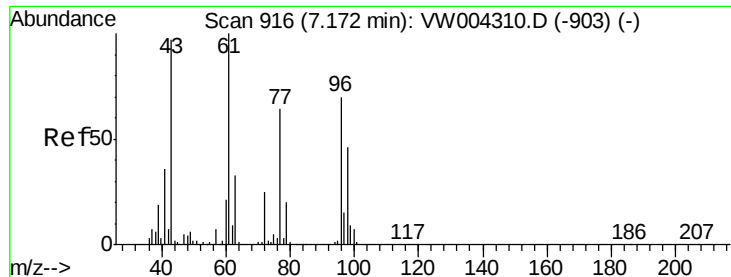
Tgt Ion: 77 Resp: 24890

Ion Ratio Lower Upper

77 100

97 25.9 11.7 35.1





#27

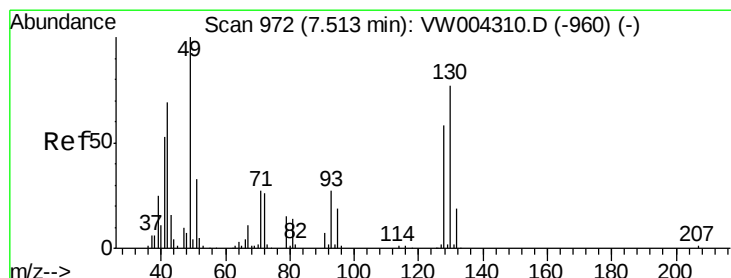
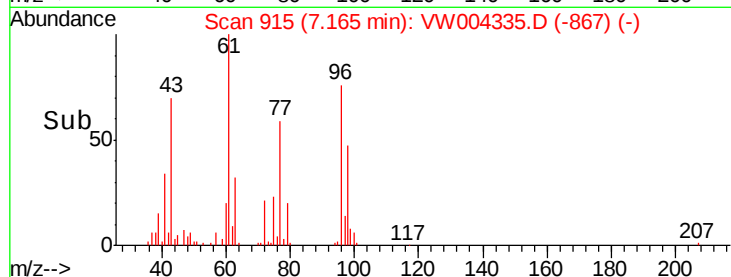
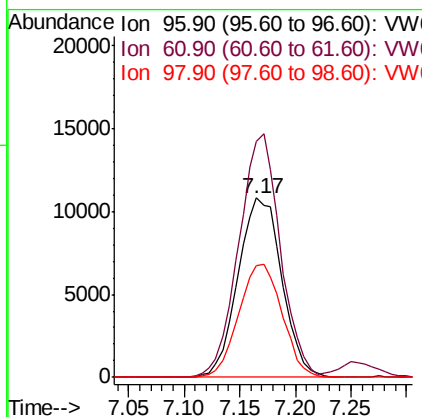
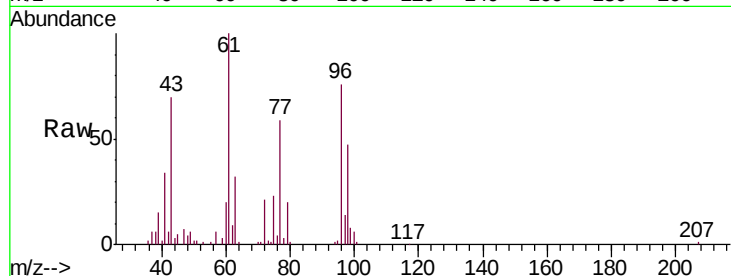
cis-1,2-Dichloroethene
 Concen: 19.27 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	128.5	0.0	292.0	
98	62.5	0.0	129.6	

Manual Integrations
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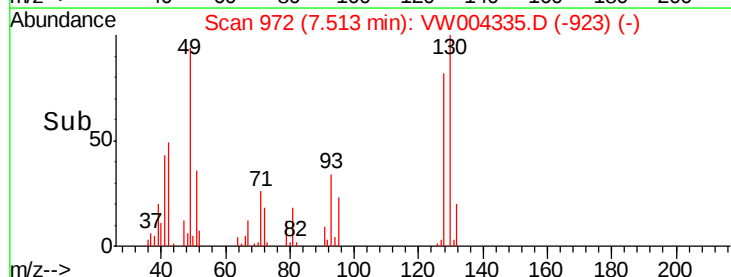
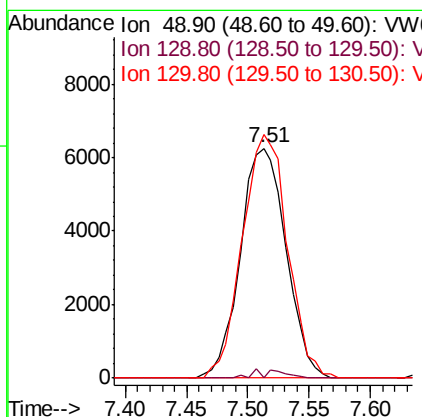
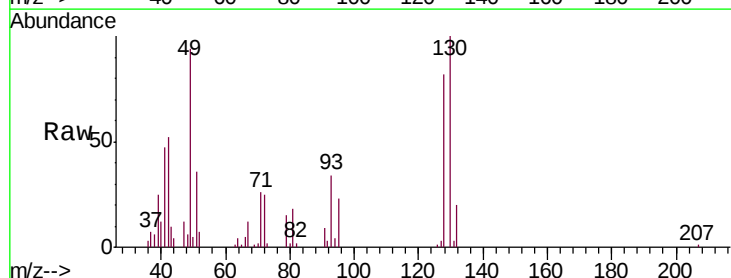
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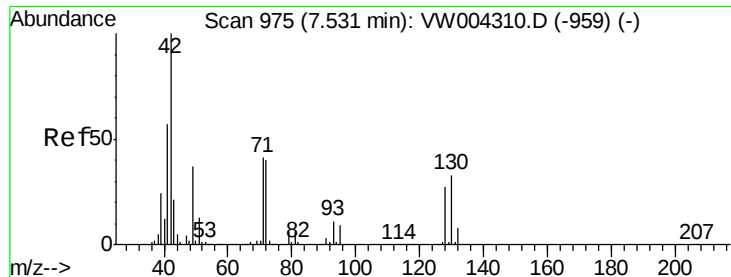


#28

Bromochloromethane
 Concen: 16.83 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.8	0.0	4.6	
130	104.7	61.5	92.3#	





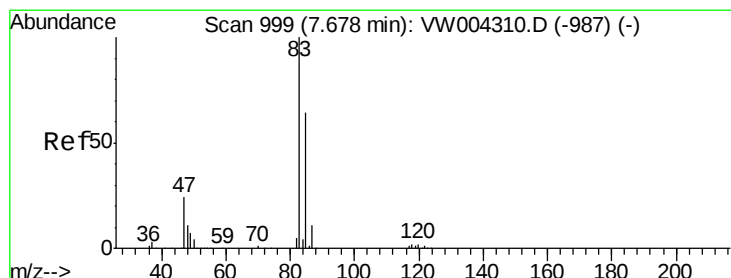
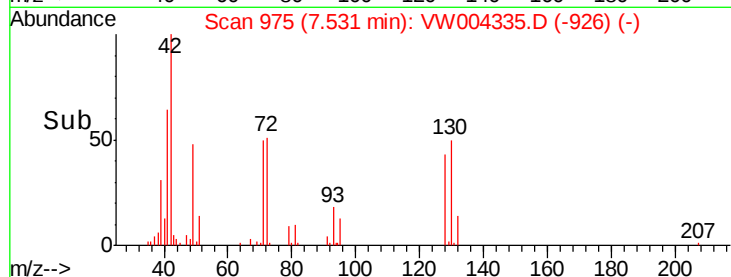
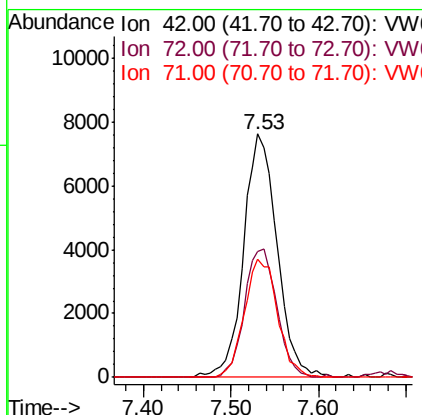
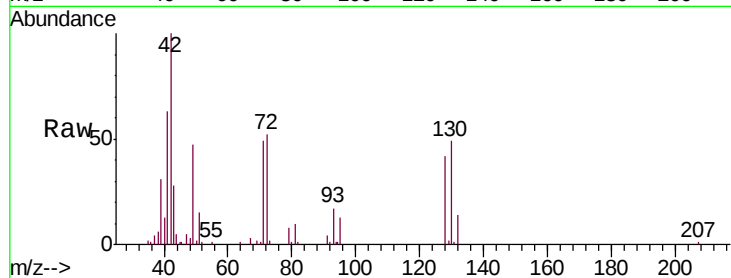
#29
Tetrahydrofuran
Concen: 75.99 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	32.6	48.8#
71	48.2	31.3	46.9#

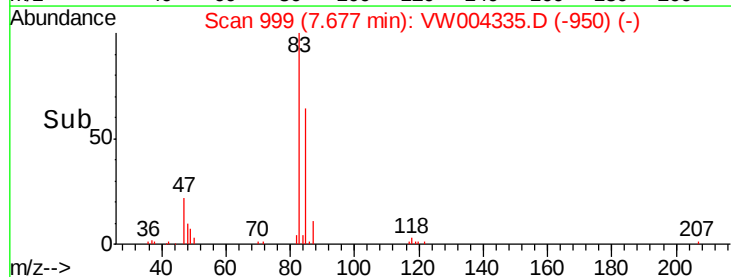
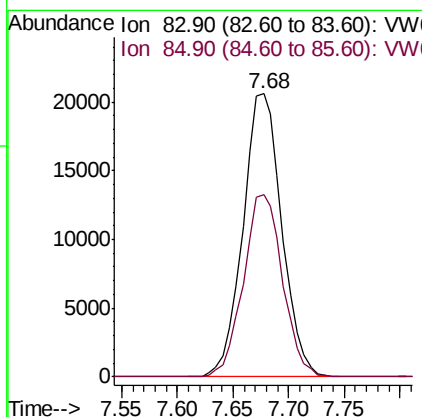
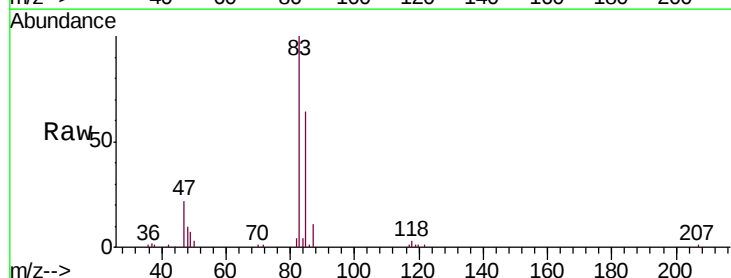
Manual Integrations
APPROVED

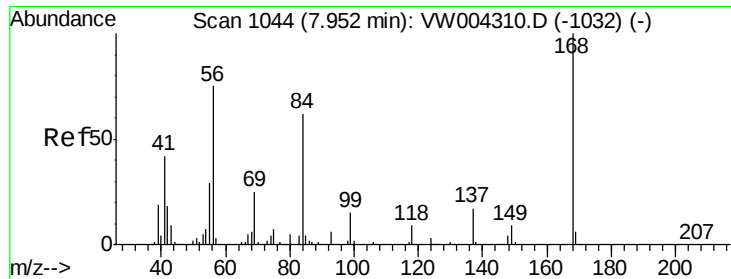
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#30
Chloroform
Concen: 18.95 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





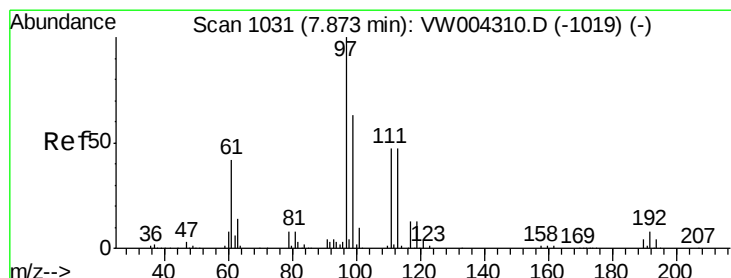
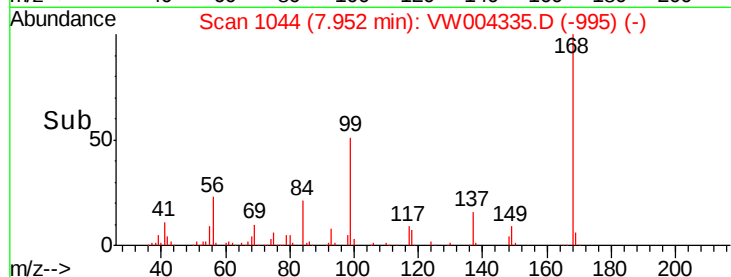
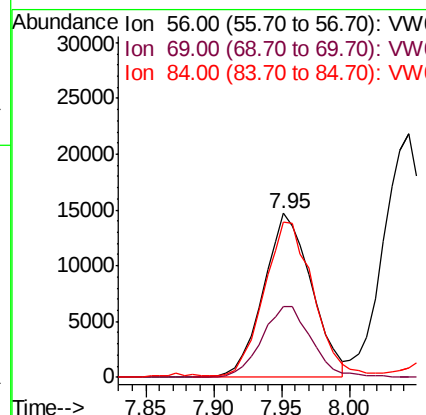
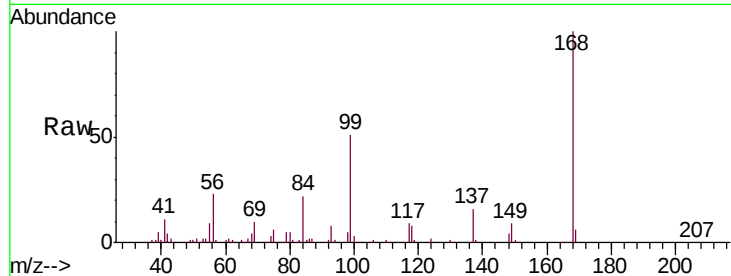
#31
Cyclohexane
Concen: 14.87 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.9	26.3	39.5#
84	93.2	66.2	99.4

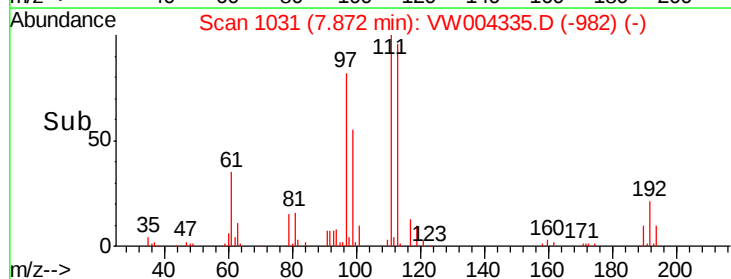
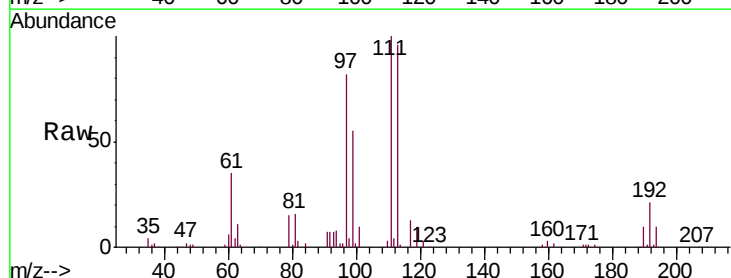
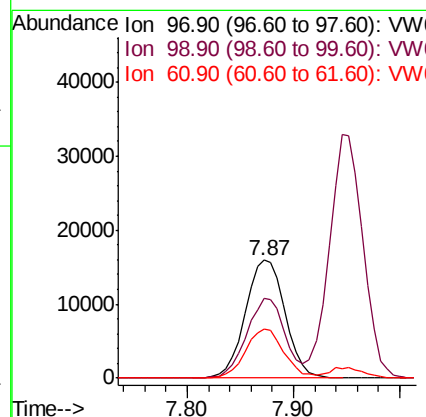
Manual Integrations
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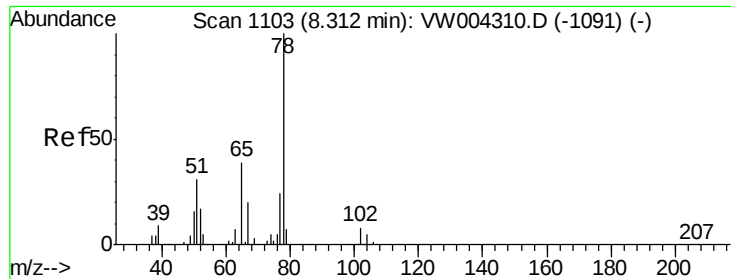
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#32
1,1,1-Trichloroethane
Concen: 19.24 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	40.4	34.8	52.2





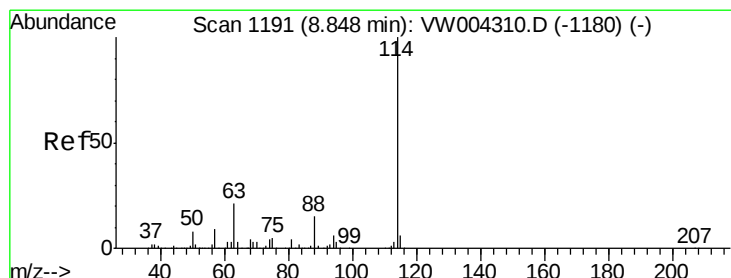
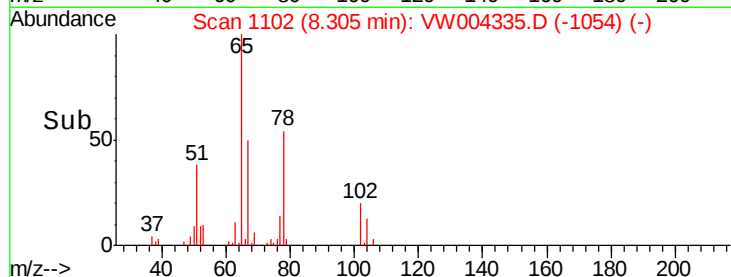
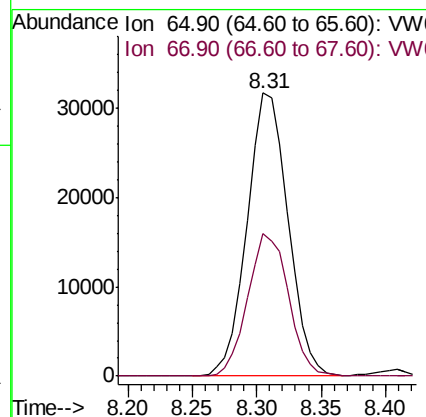
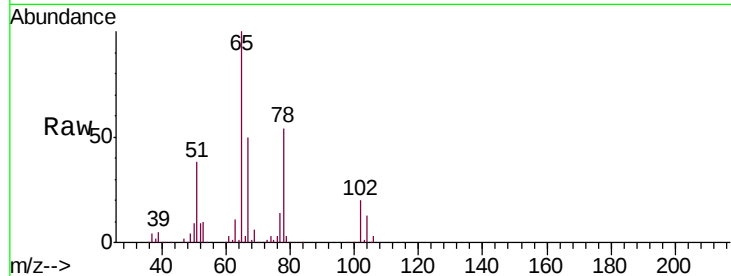
#33
 1,2-Dichloroethane-d4
 Concen: 48.94 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.9	0.0	106.4	

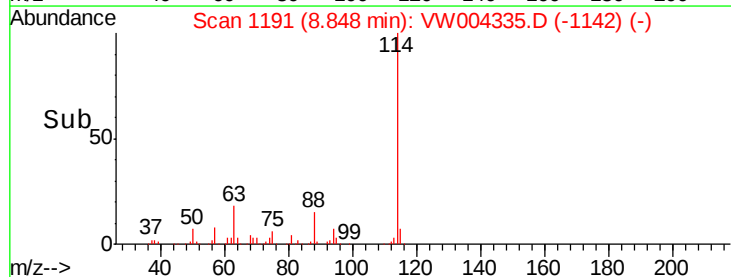
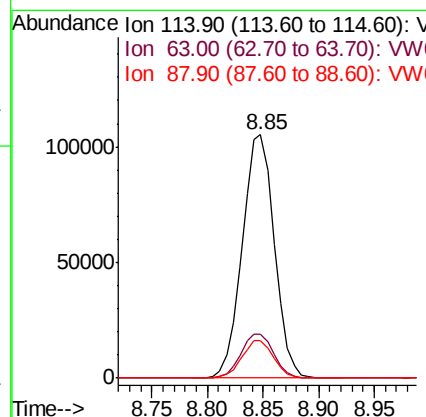
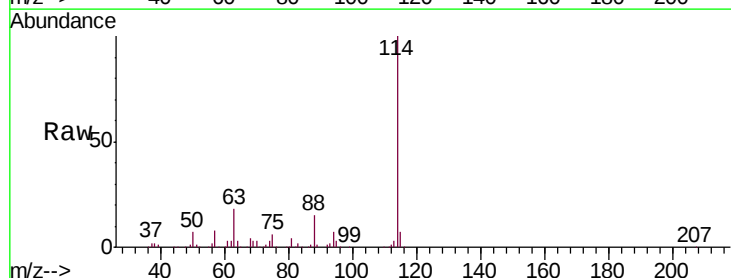
Manual Integrations
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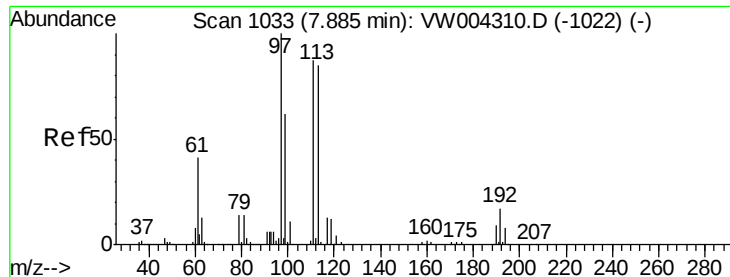
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.1	0.0	41.4	
88	15.3	0.0	30.6	





#35

Dibromofluoromethane

Concen: 48.35 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

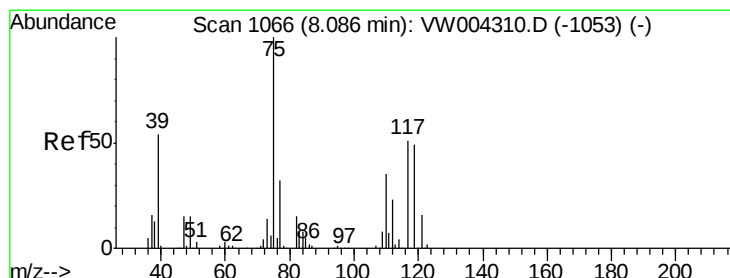
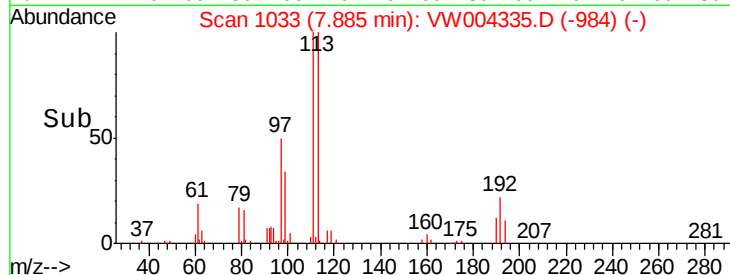
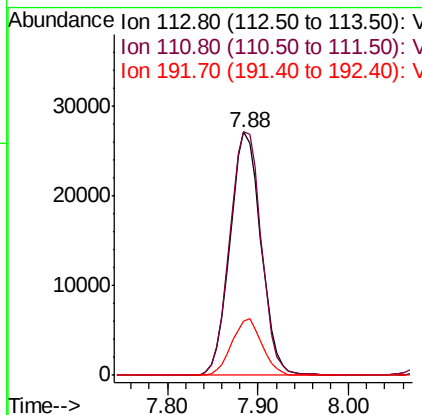
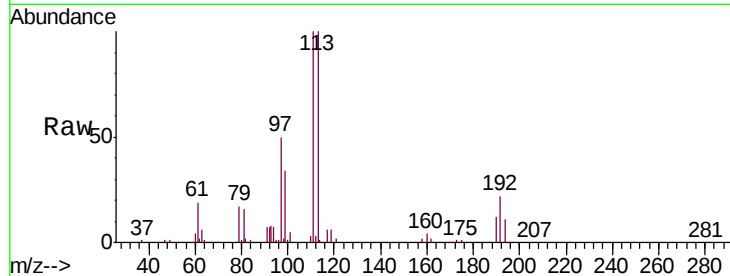
ClientSampleId :

VW0730SBS02

Tot Ion:	113	Resp:	64175
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	22.7	16.2	24.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.13 ug/l

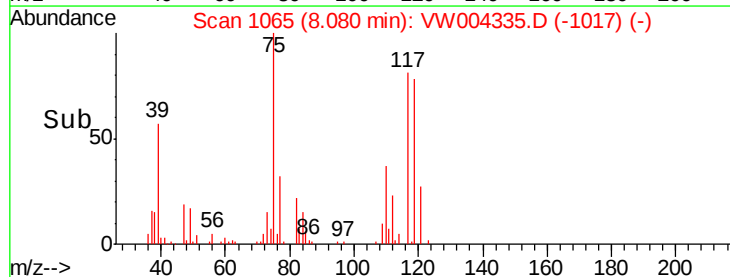
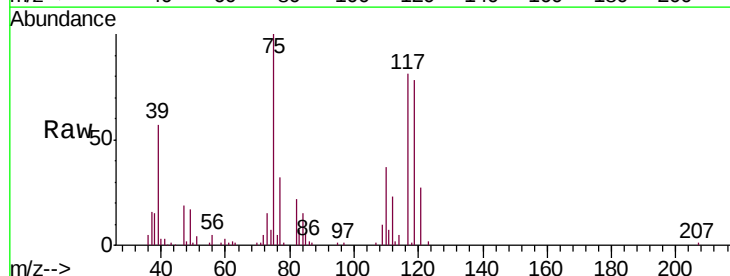
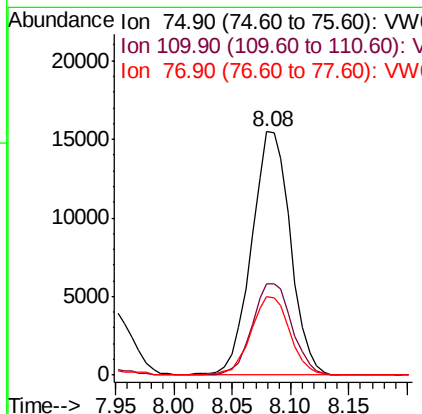
RT: 8.08 min Scan# 1065

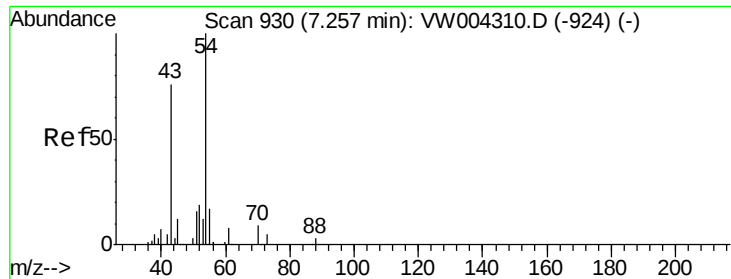
Delta R.T. -0.01 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion:	75	Resp:	35995
Ion	Ratio	Lower	Upper
75	100		
110	38.1	17.3	52.0
77	32.3	25.0	37.6





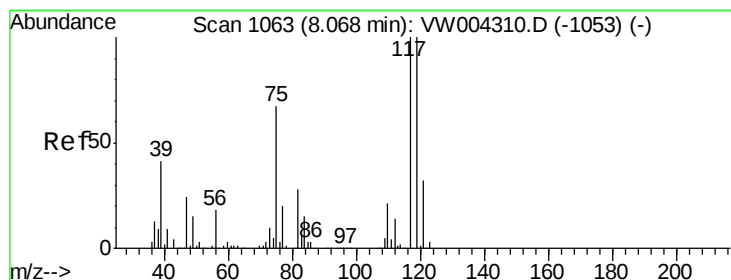
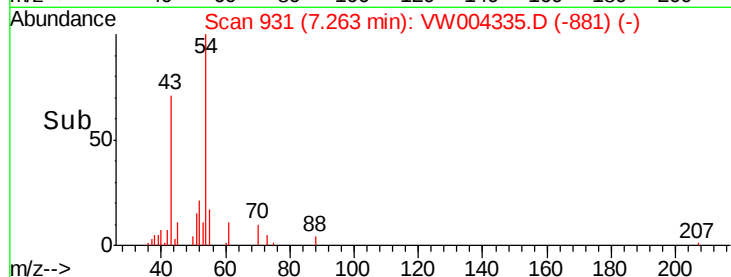
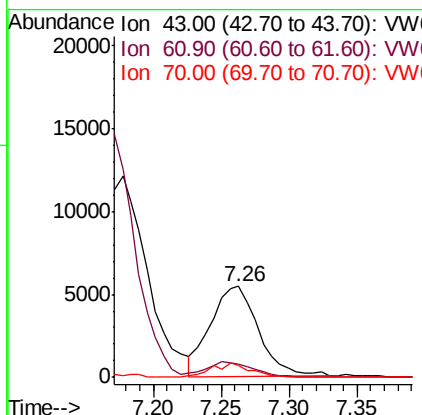
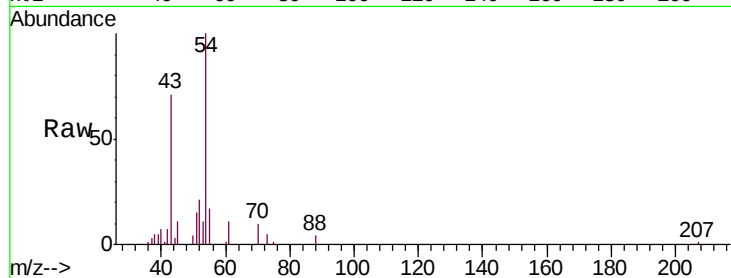
#37
Ethyl Acetate
Concen: 15.51 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	11.1	16.7
70	13.2	7.8	11.6

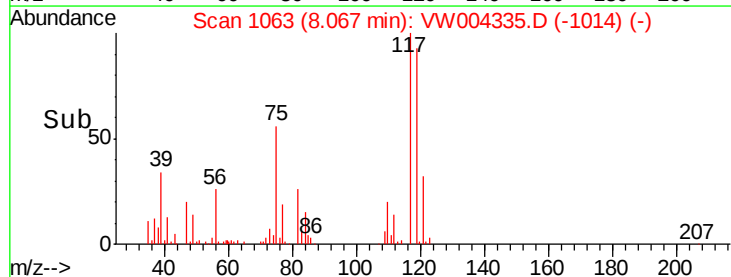
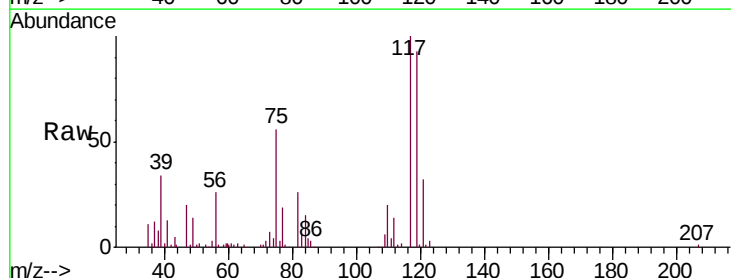
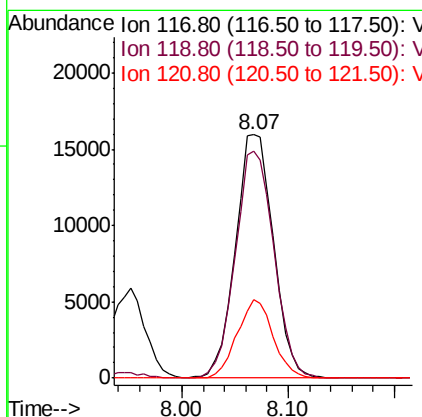
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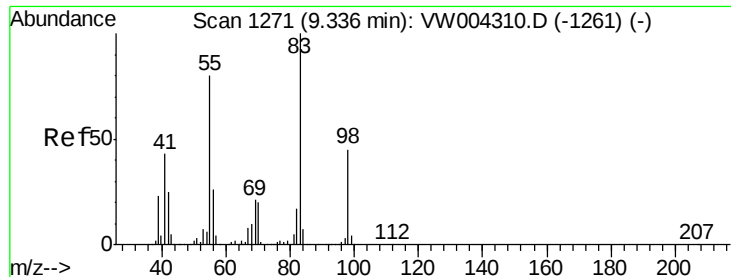
apatel
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#38
Carbon Tetrachloride
Concen: 19.30 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	79.7	119.5
121	32.3	25.7	38.5





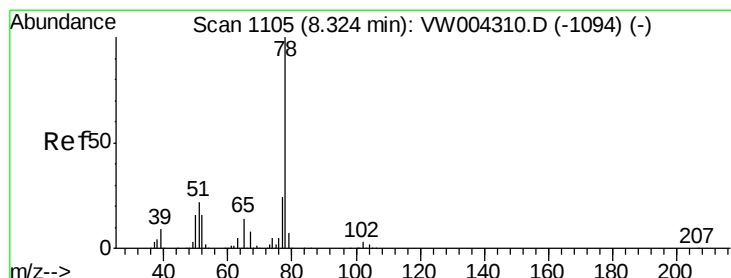
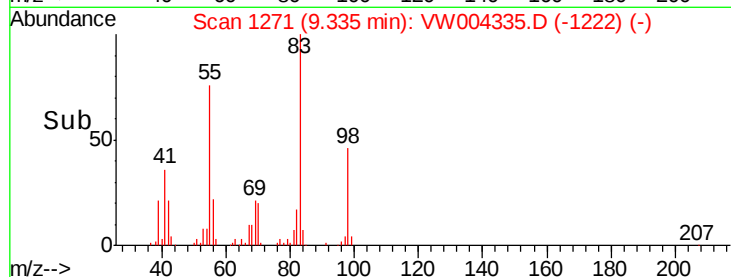
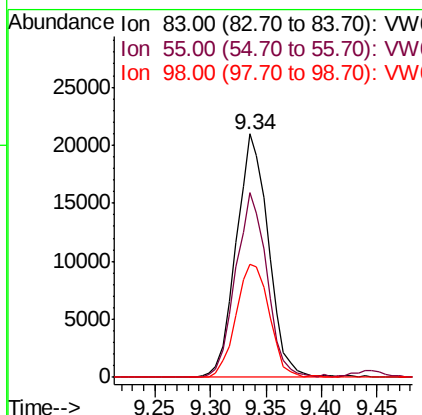
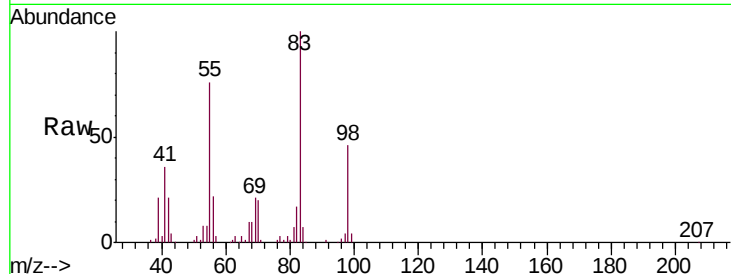
#39
Methvlcvclohexane
Concen: 16.60 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	64.3	96.5
98	46.4	36.3	54.5

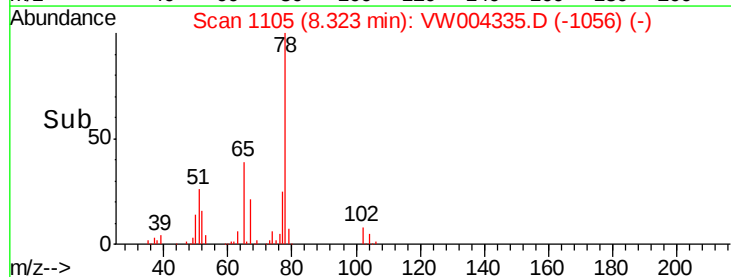
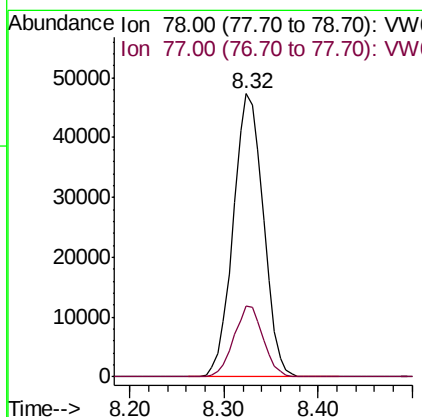
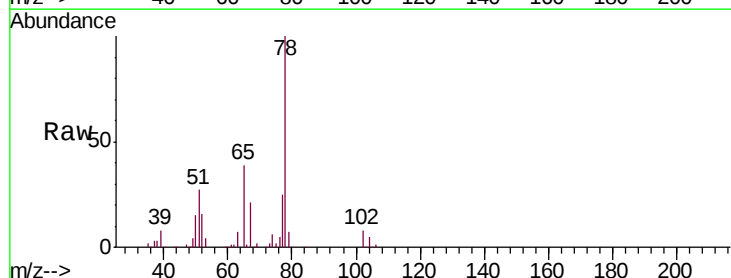
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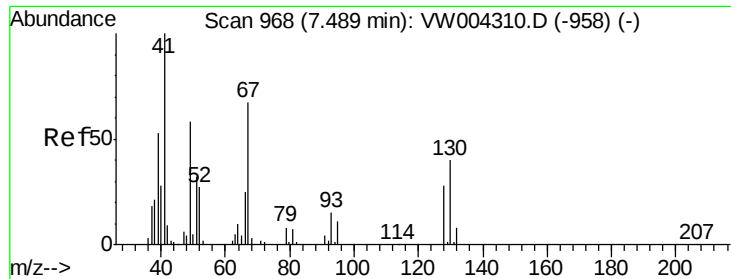
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#40
Benzene
Concen: 17.86 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.0





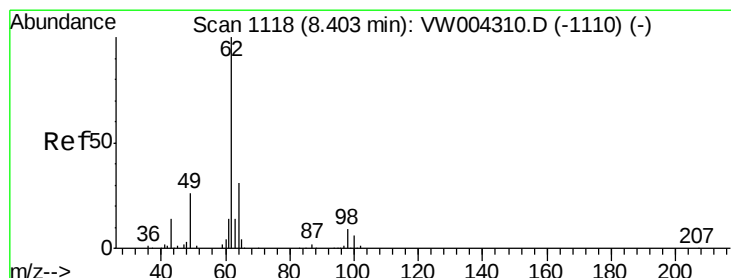
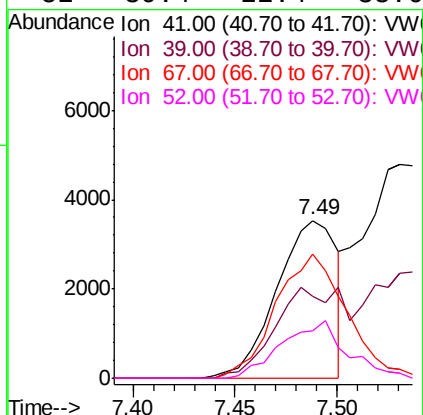
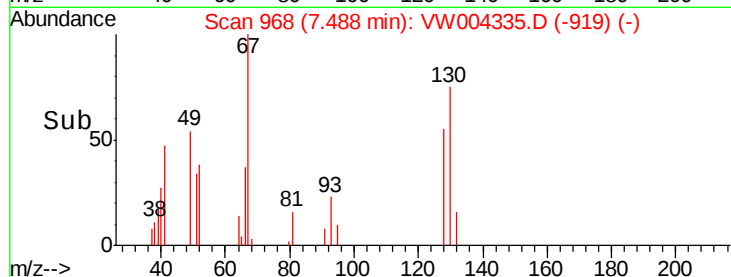
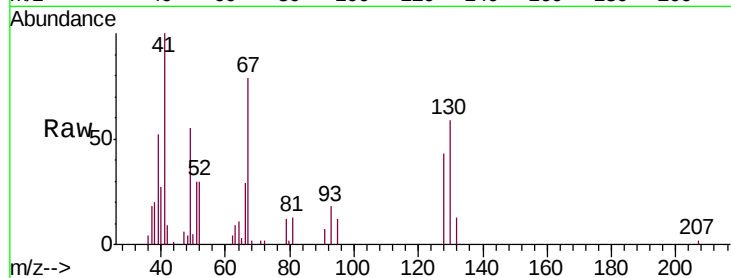
#41
Methacrylonitrile
Concen: 14.46 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.6	41.2	61.8#
67	92.1	53.4	80.0#
52	39.4	22.4	33.6#

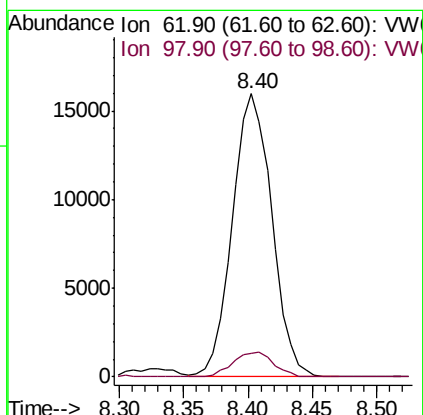
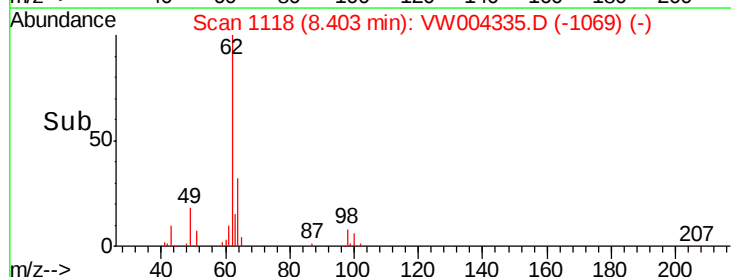
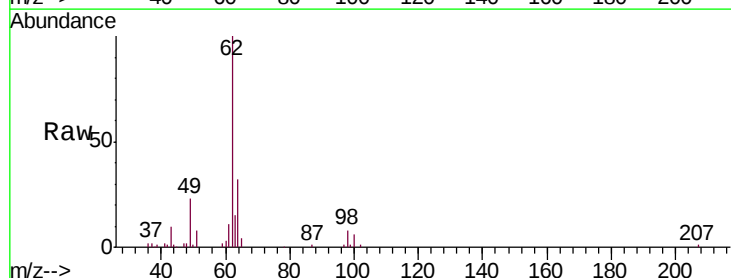
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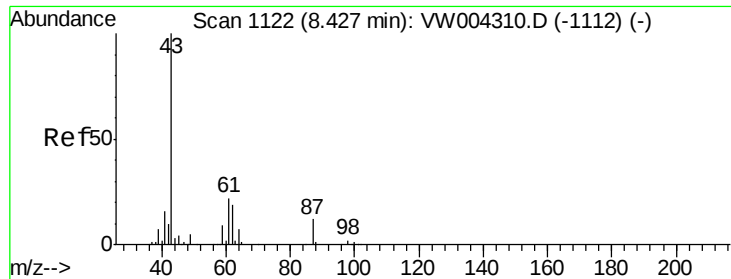
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#42
1,2-Dichloroethane
Concen: 20.10 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 17.82 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

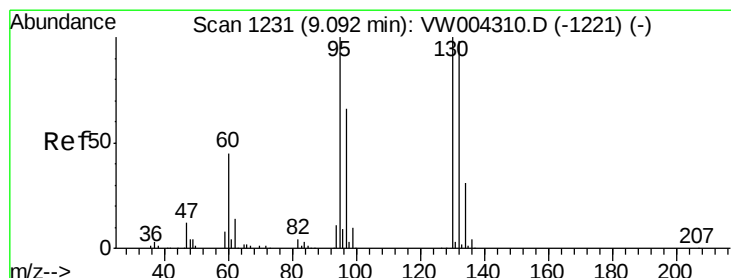
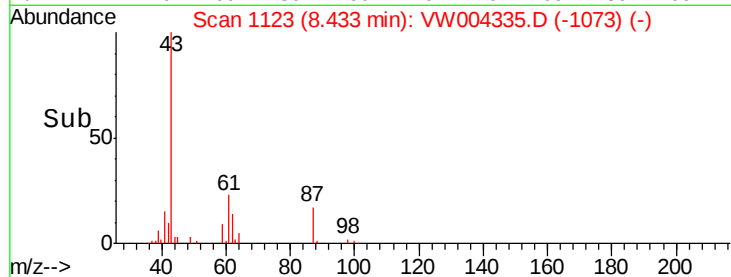
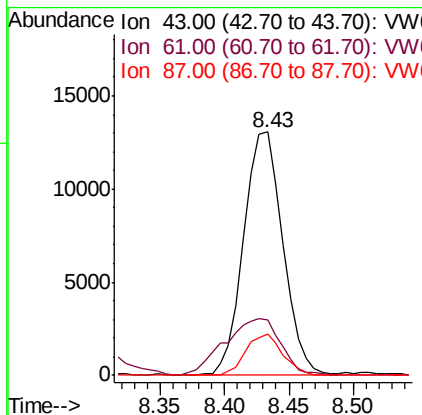
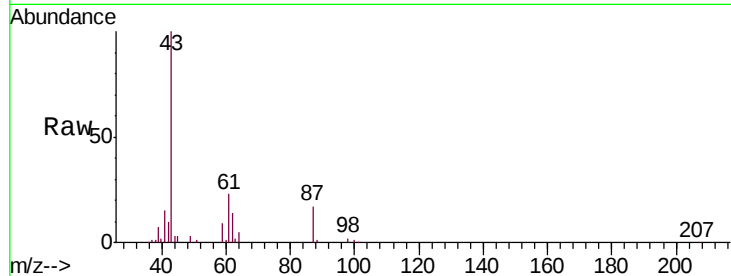
ClientSampleId :

VW0730SBS02

Tot Ion:	43	Resp:	27658
Ion	Ratio	Lower	Upper
43	100		
61	33.1	24.5	36.7
87	15.8	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 20.03 ug/l

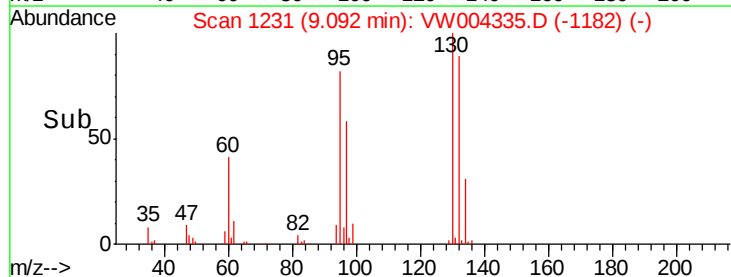
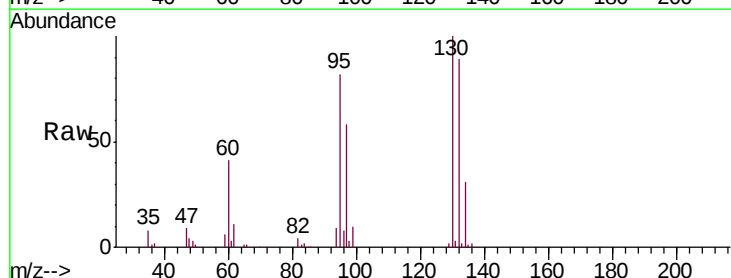
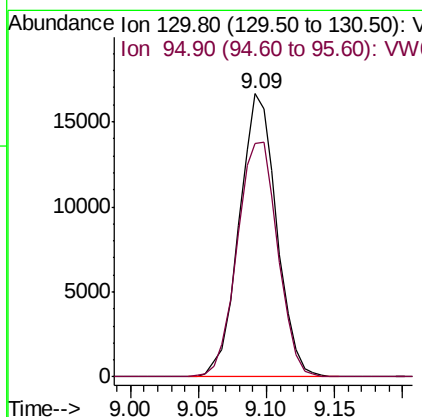
RT: 9.09 min Scan# 1231

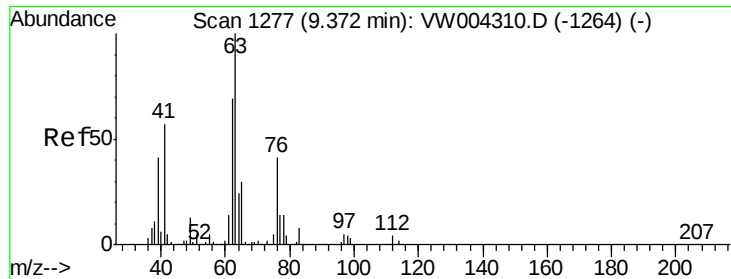
Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion:	130	Resp:	31962
Ion	Ratio	Lower	Upper
130	100		
95	82.4	0.0	199.4





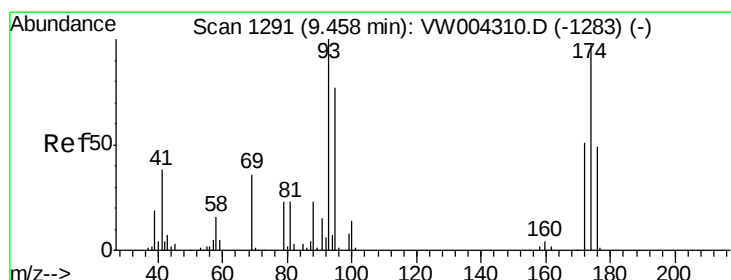
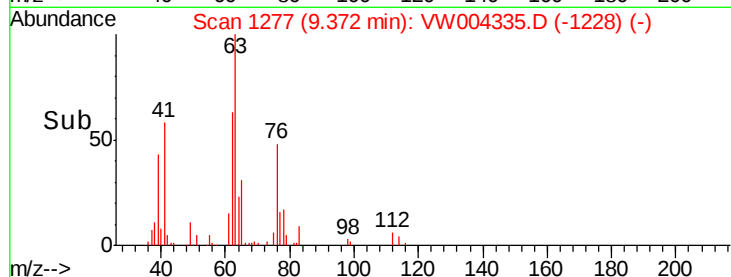
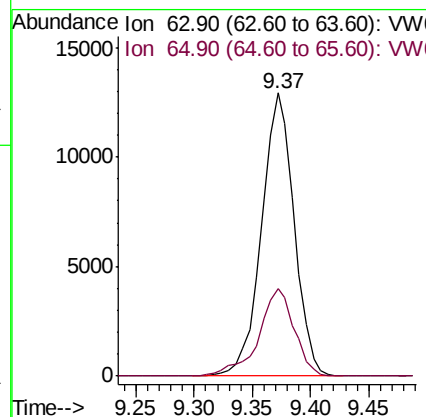
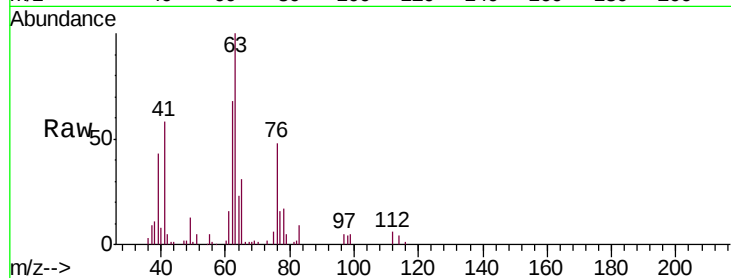
#45
 1,2-Dichloropropane
 Concen: 17.14 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.9	35.9

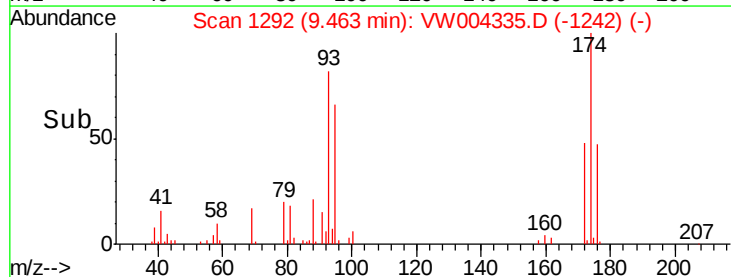
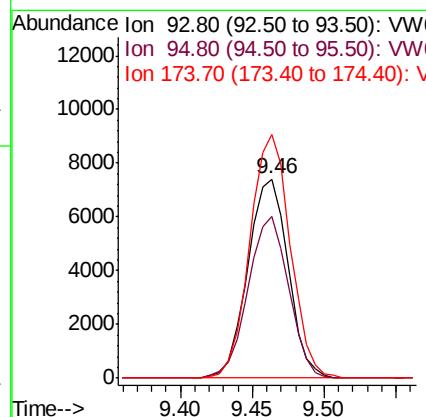
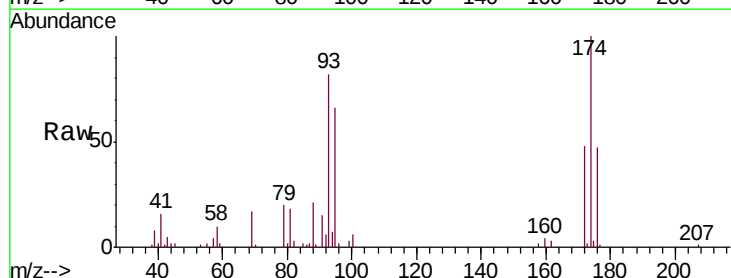
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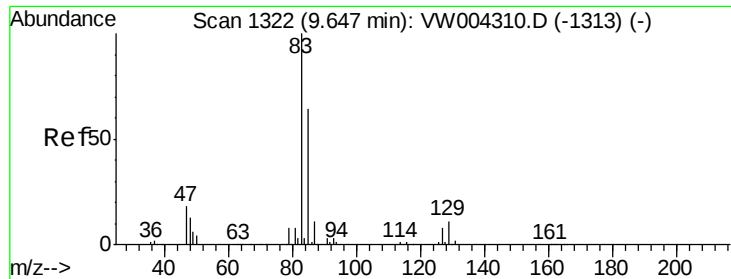
apatel
 7/30/2018 10:33:58 AM



#46
 Dibromomethane
 Concen: 19.14 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.8	98.8
174	122.3	83.7	125.5





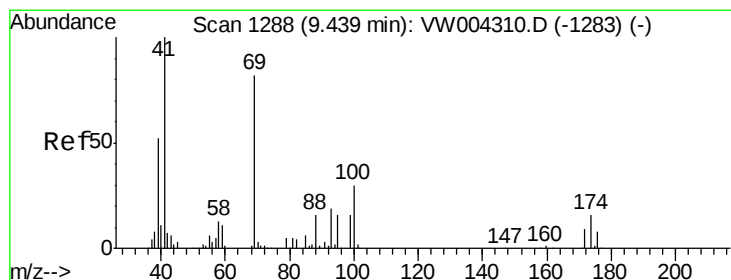
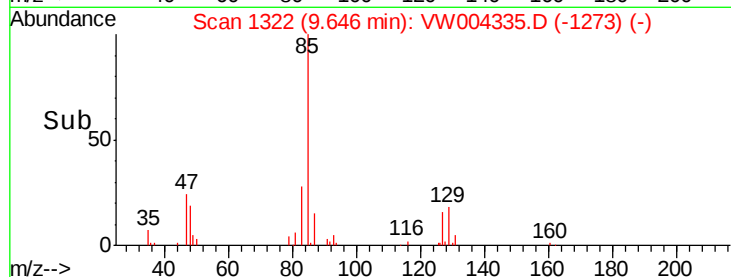
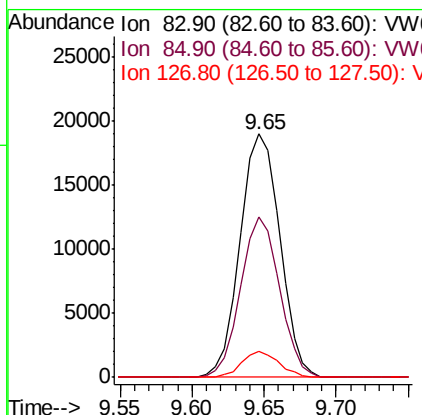
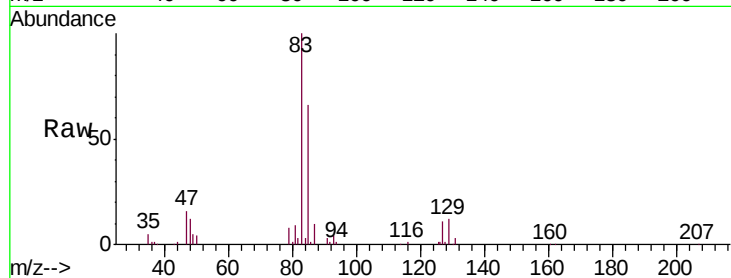
#47
Bromodichloromethane
Concen: 19.22 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.3	76.9
127	10.5	6.6	9.8#

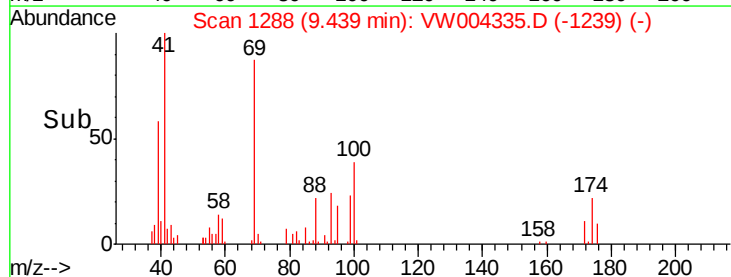
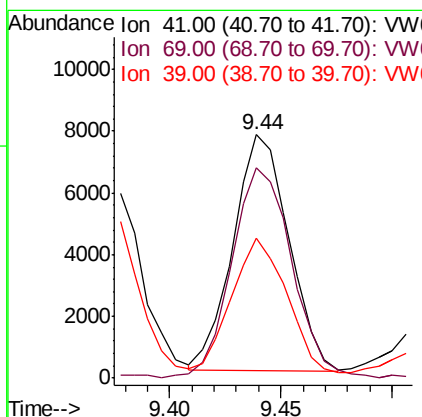
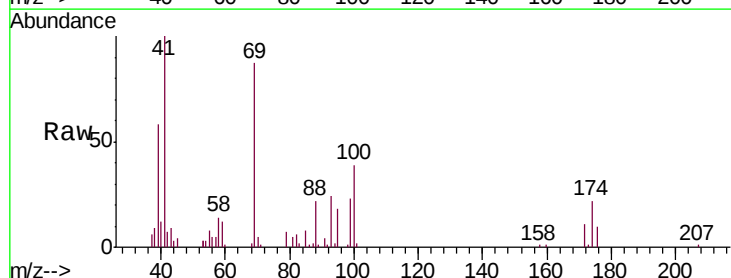
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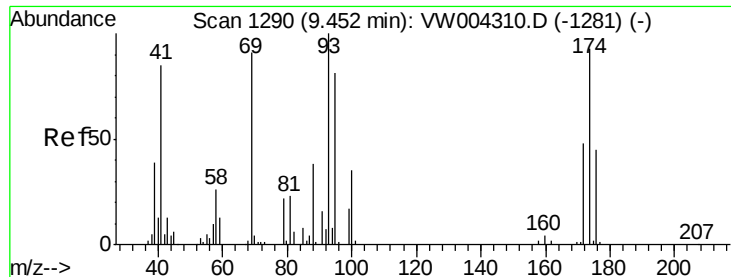
apatel
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#48
Methyl methacrylate
Concen: 16.77 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.5	69.7	104.5
39	61.6	41.8	62.8





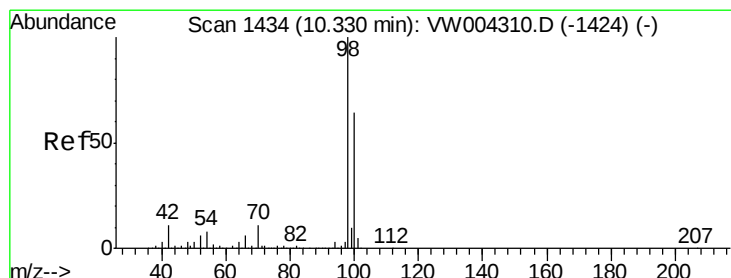
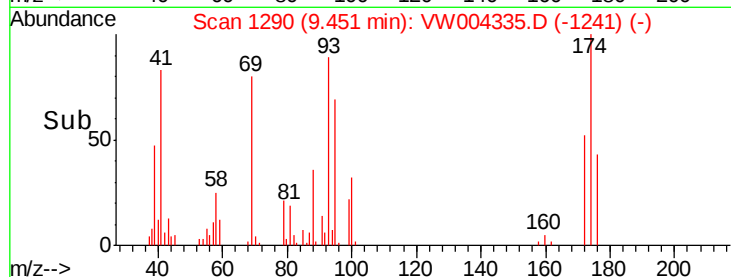
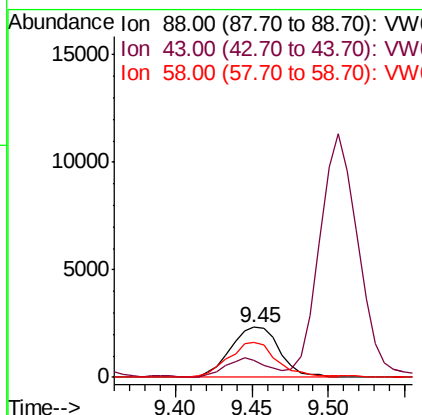
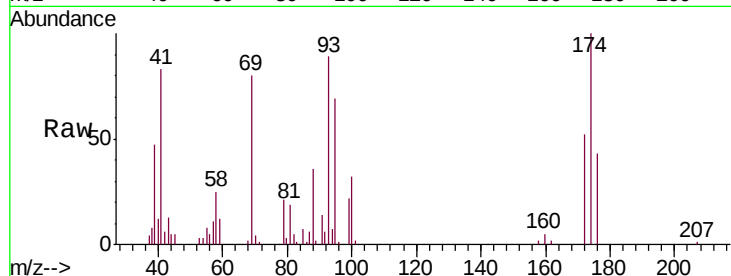
#49
1,4-Dioxane
Concen: 456.14 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	28.3	42.5
58	70.8	60.2	90.4

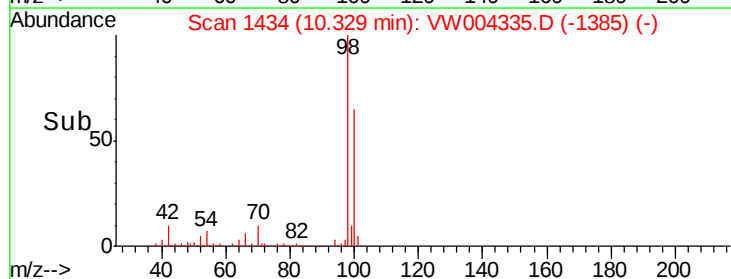
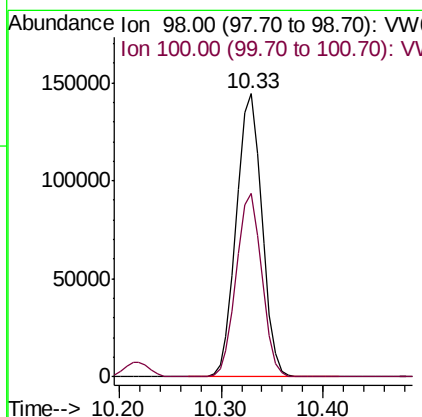
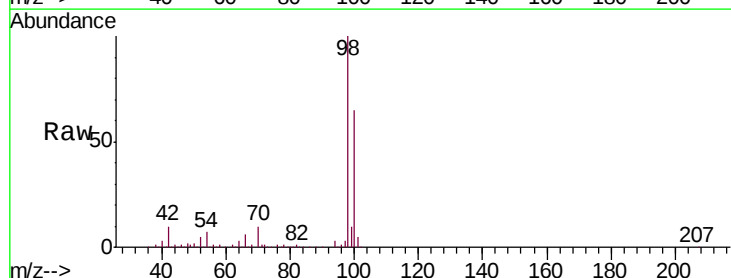
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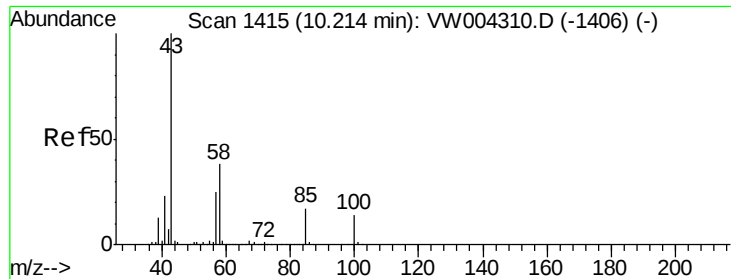
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#50
Toluene-d8
Concen: 47.74 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 82.02 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 43 Resp: 69857

Ion Ratio Lower Upper

43 100

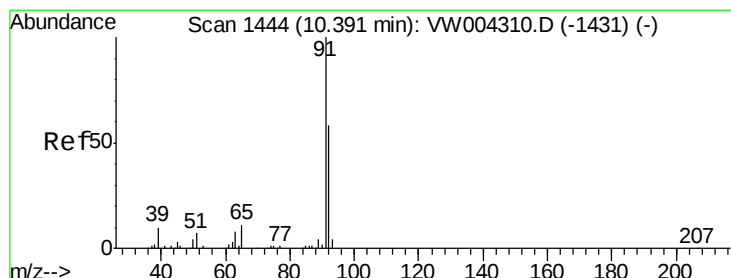
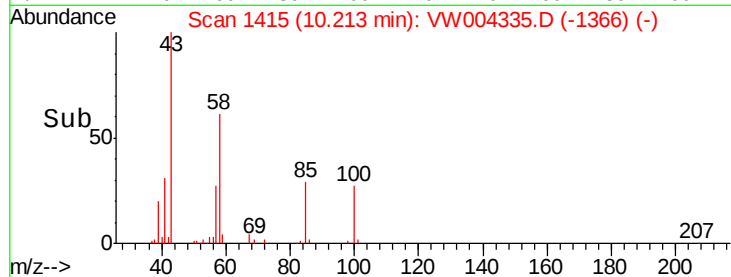
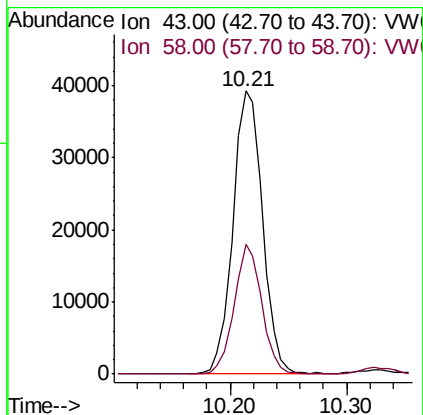
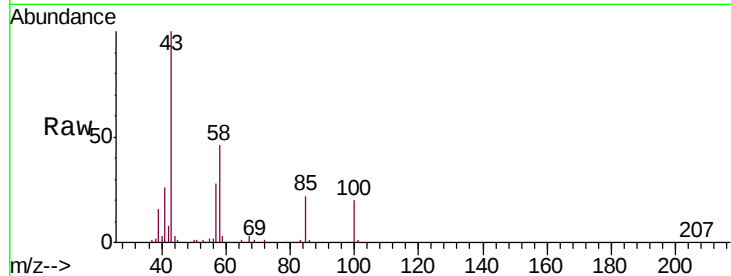
58 42.5 30.6 45.8

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#52

Toluene

Concen: 18.92 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004335.D

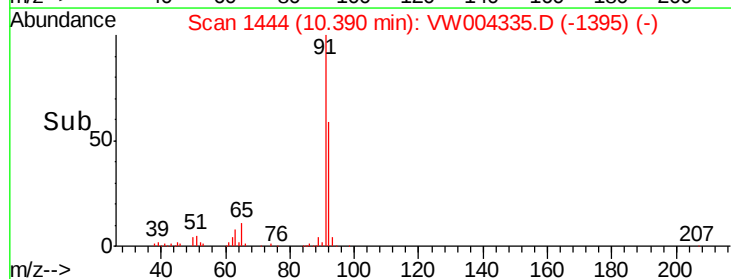
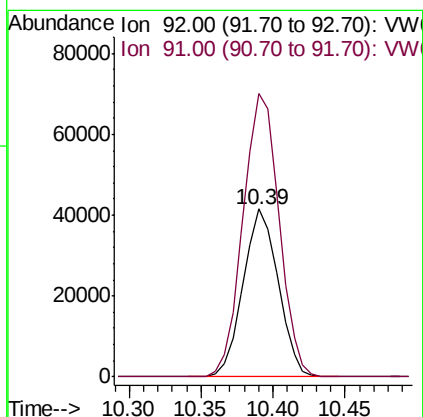
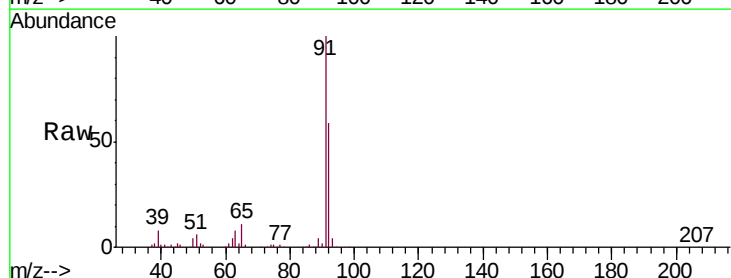
Acq: 30 Jul 2018 02:26

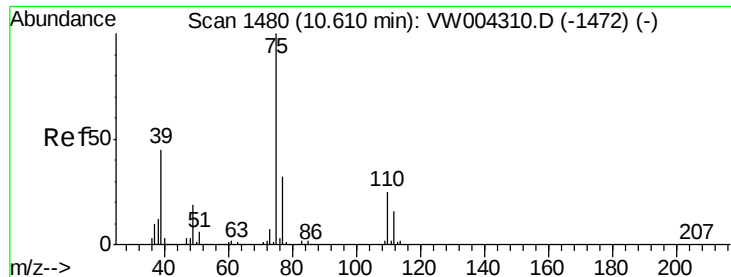
Tgt Ion: 92 Resp: 70206

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 18.27 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD02

Tot Ion: 75 Resp: 34765

Ion Ratio Lower Upper

75 100

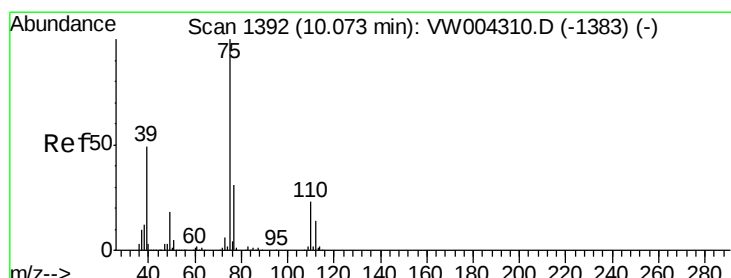
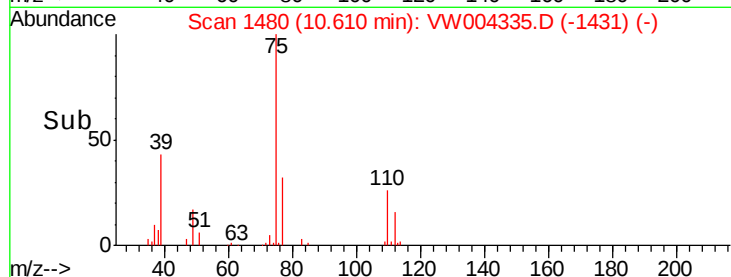
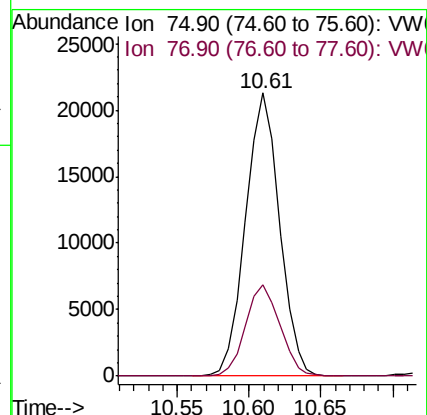
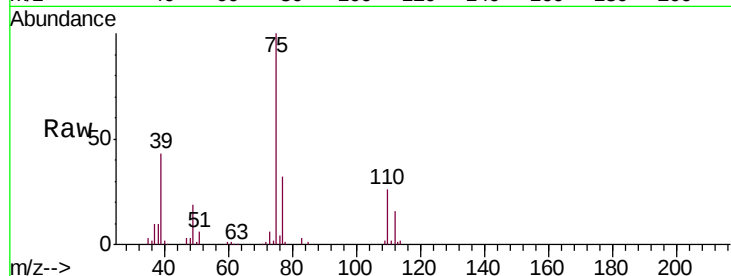
77 32.1 25.8 38.6

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#54

cis-1,3-Dichloropropene

Concen: 17.73 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

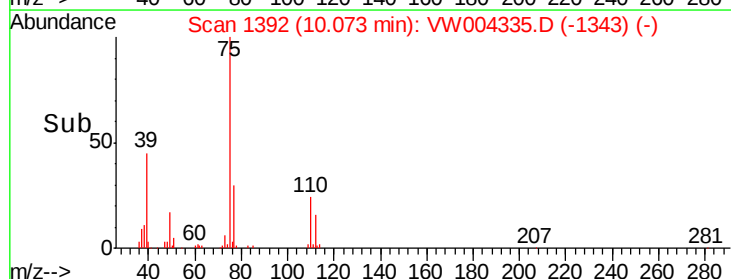
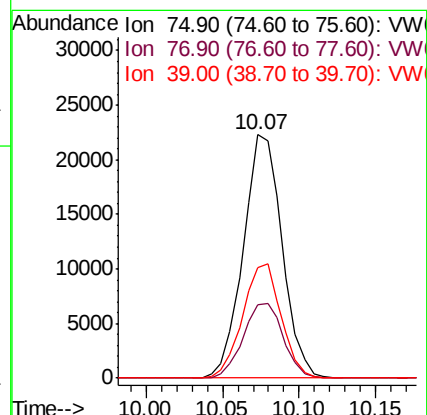
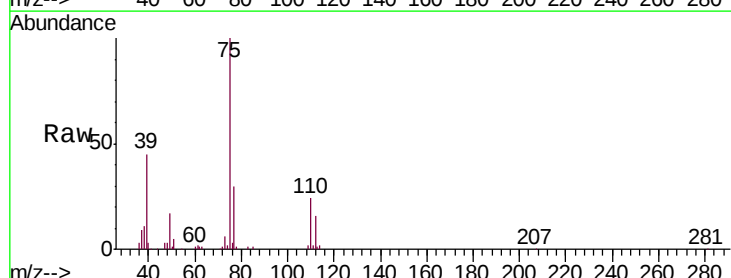
Tgt Ion: 75 Resp: 39337

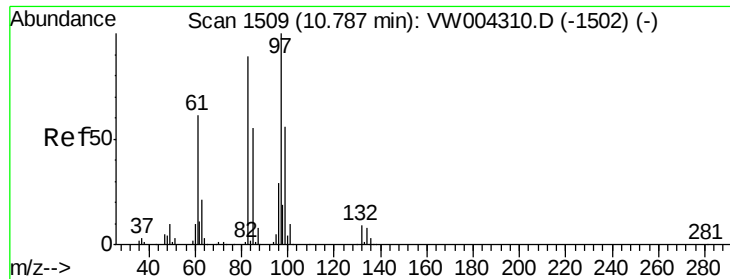
Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.4

39 45.3 39.0 58.6





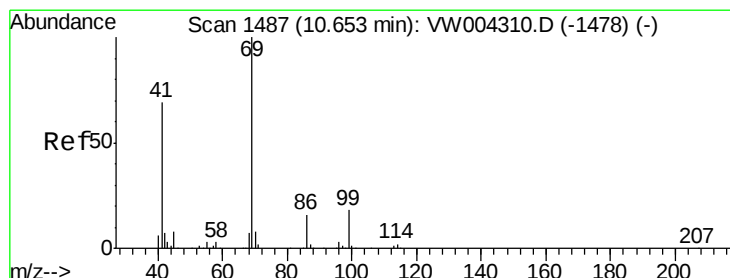
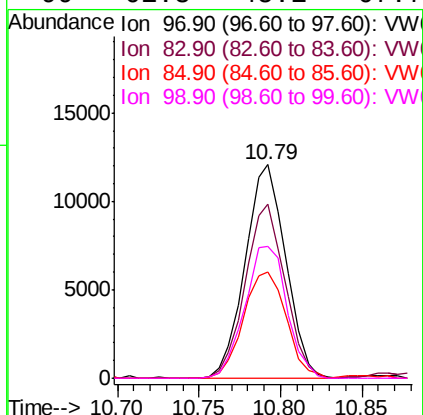
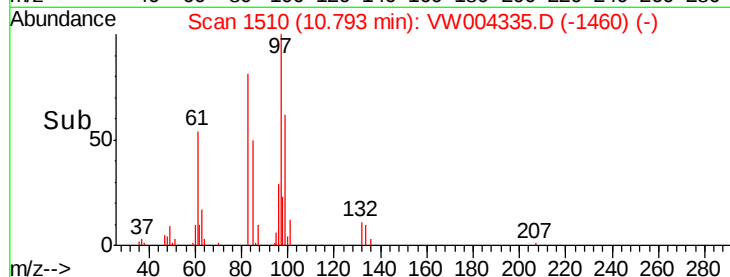
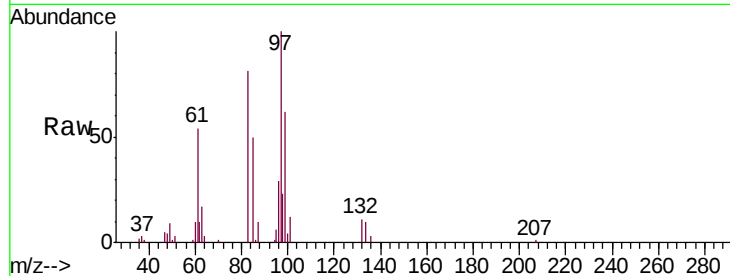
#55
 1,1,2-Trichloroethane
 Concen: 19.56 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion:	97	Resp:	20872
Ion	Ratio	Lower	Upper
97	100		
83	81.4	70.8	106.2
85	49.9	43.7	65.5
99	61.8	45.1	67.7

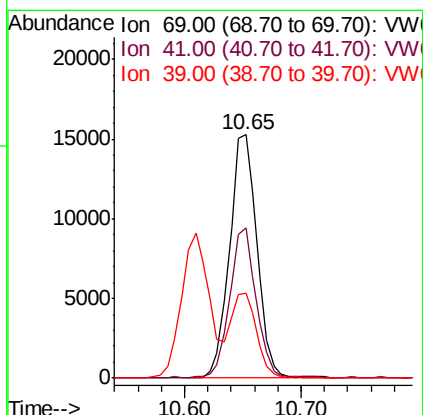
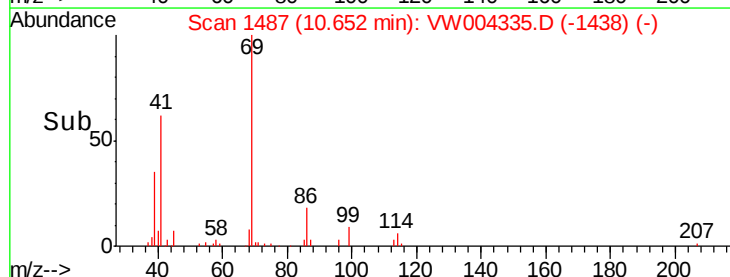
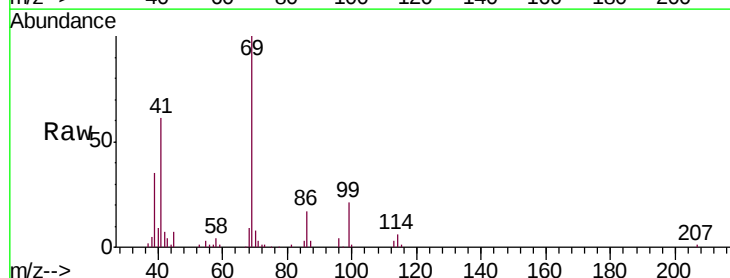
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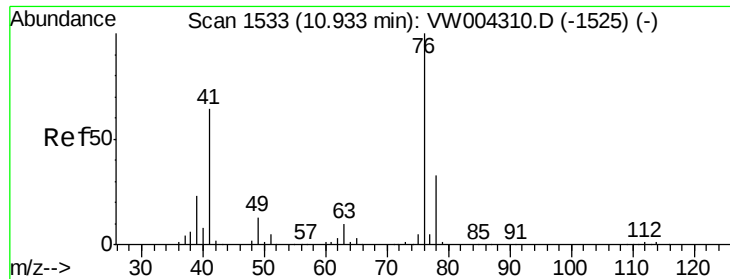
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#56
 Ethyl methacrylate
 Concen: 19.44 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion:	69	Resp:	25107
Ion	Ratio	Lower	Upper
69	100		
41	59.2	54.7	82.1
39	31.5	24.4	36.6





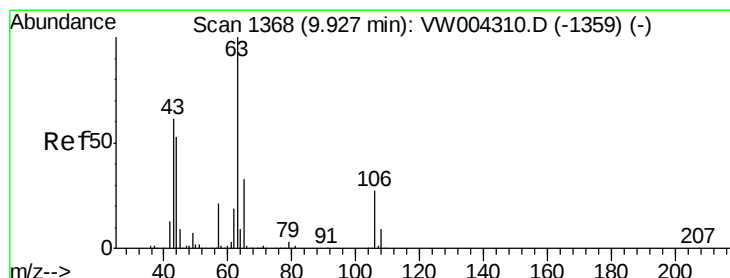
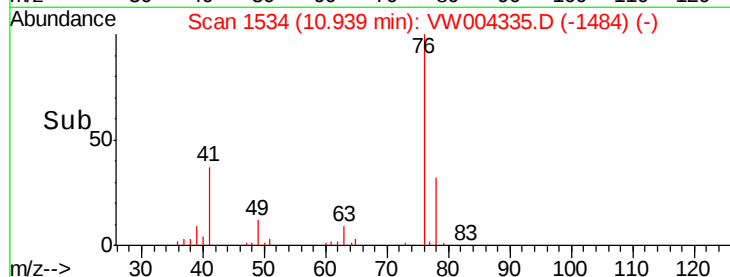
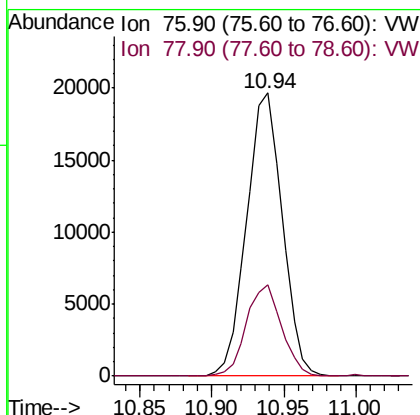
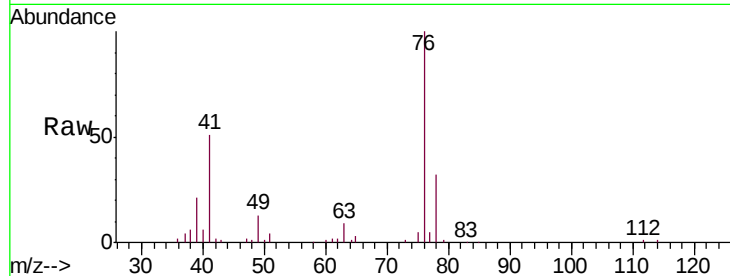
#57
 1,3-Dichloropropane
 Concen: 18.53 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBSD02

Tot Ion: 76 Resp: 33682
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4

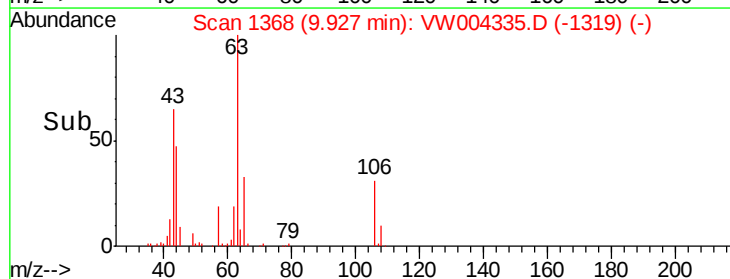
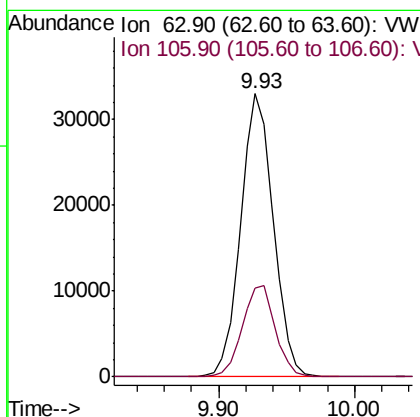
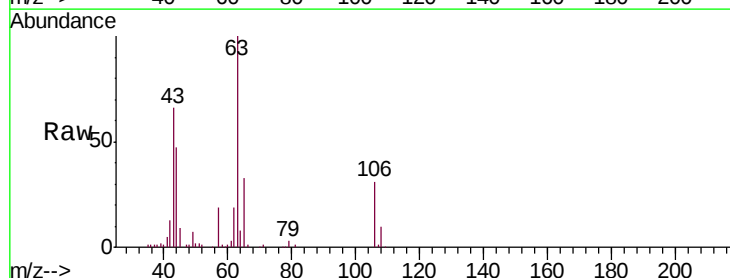
Manual Integrations
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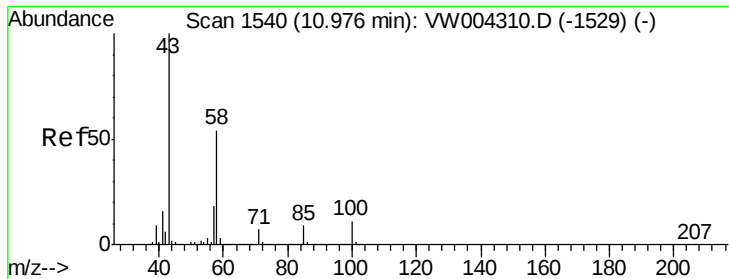
apatel
 7/30/2018 10:33:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.28 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 63 Resp: 55230
 Ion Ratio Lower Upper
 63 100
 106 32.5 21.9 32.9





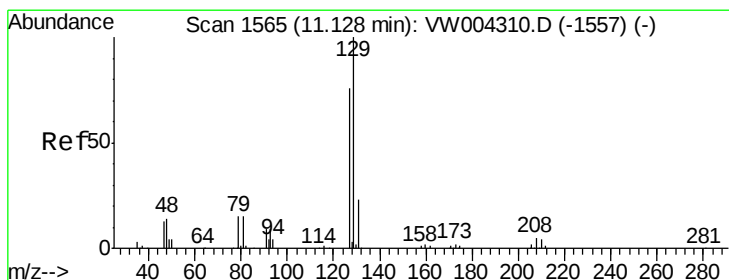
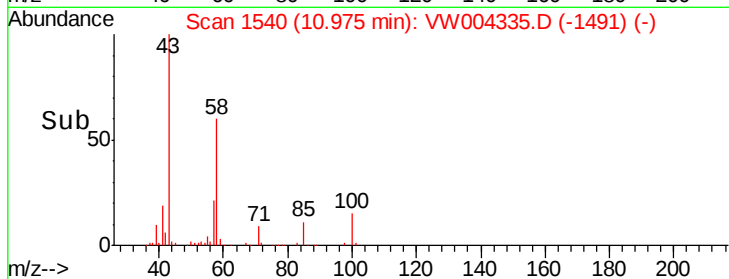
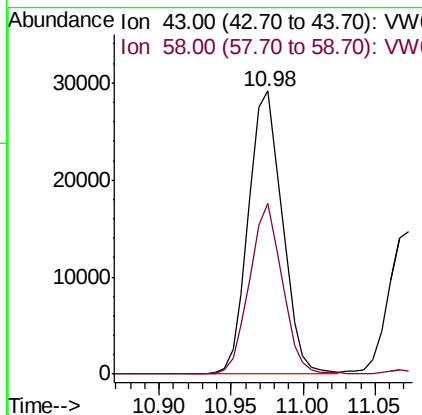
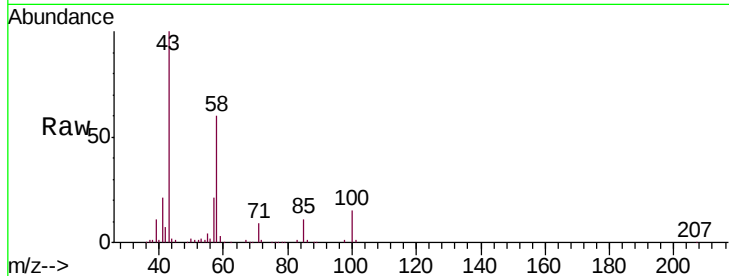
#59
2-Hexanone
Concen: 81.12 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	43	Resp	47436
Ion Ratio	Lower	Upper	
43	100		
58	58.4	26.5	79.4

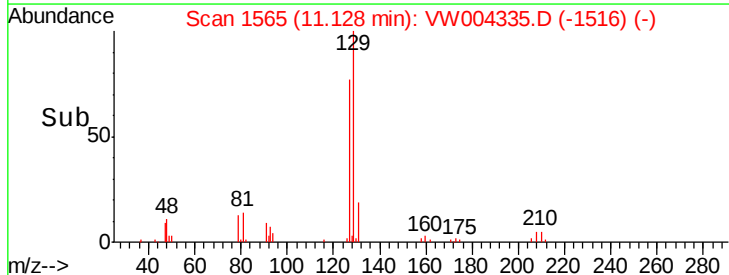
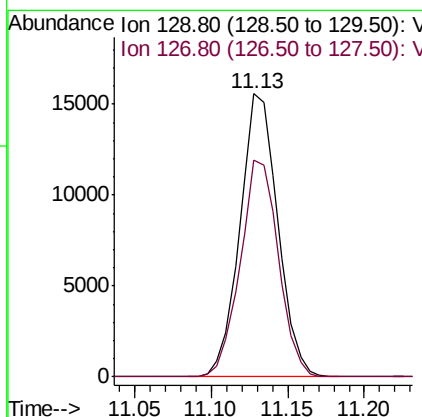
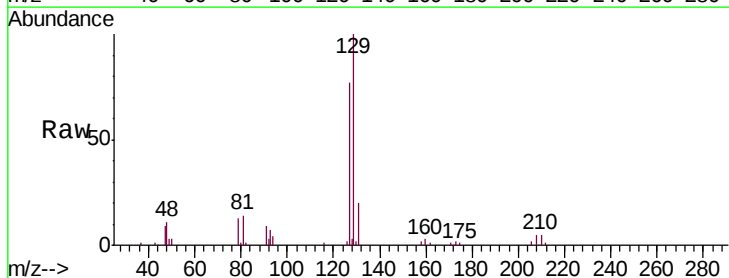
Manual Integrations
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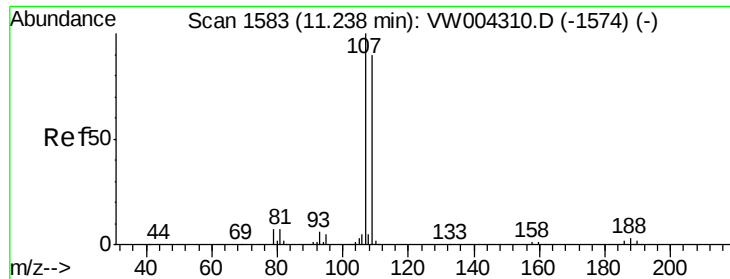
apatel
7/30/2018 10:33:58 AM



#60
Dibromochloromethane
Concen: 20.94 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	129	Resp	26737
Ion Ratio	Lower	Upper	
129	100		
127	77.4	38.9	116.7





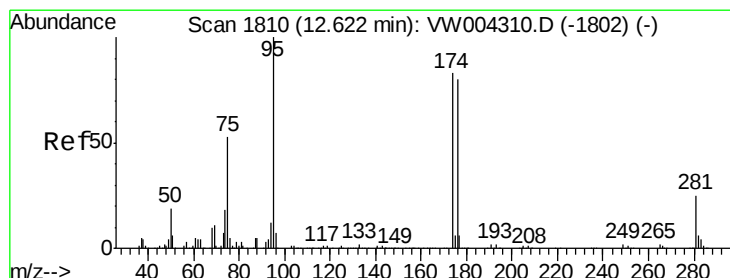
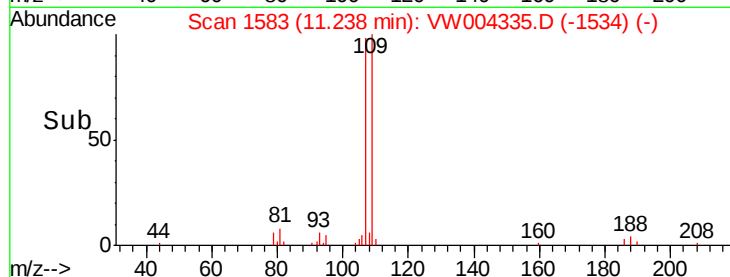
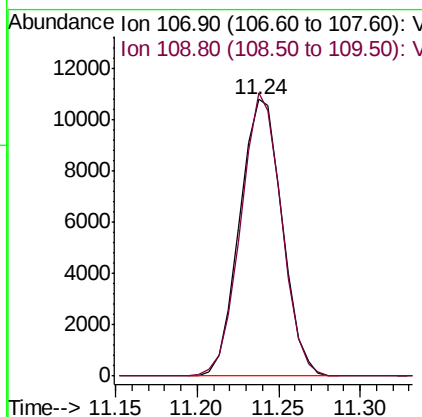
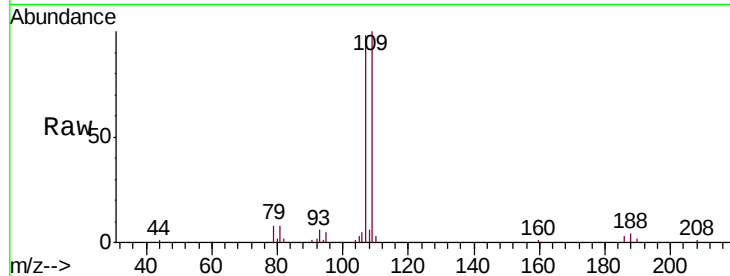
#61
 1,2-Dibromoethane
 Concen: 19.20 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion: 107 Resp: 19543
 Ion Ratio Lower Upper
 107 100
 109 98.3 74.6 112.0

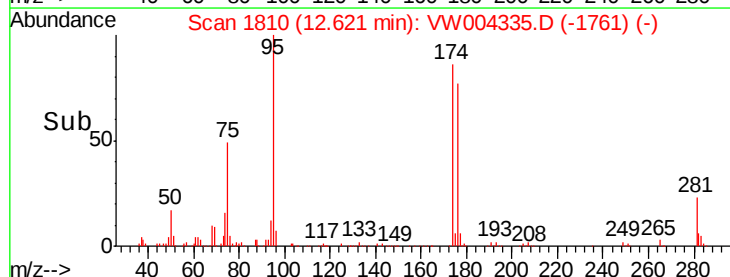
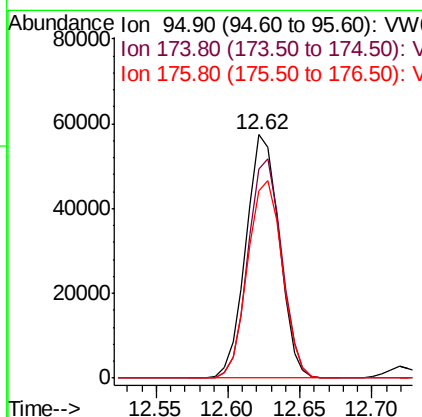
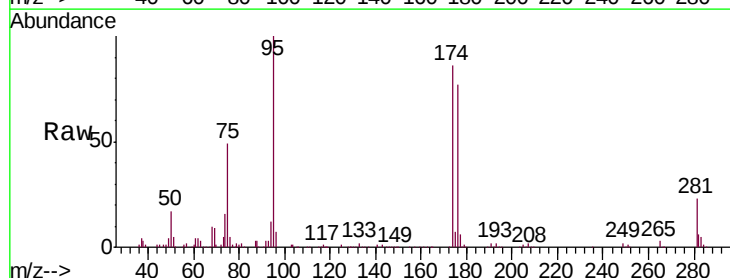
Manual Integrations
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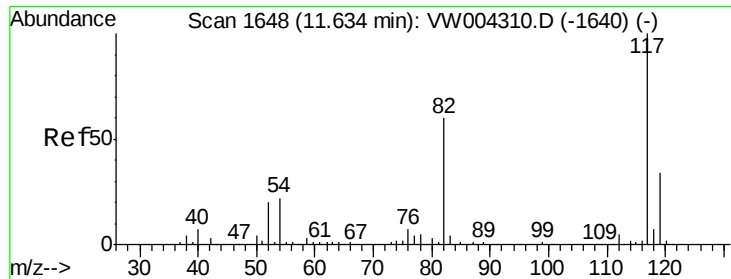
apatel
 7/30/2018 10:33:58 AM



#62
 4-Bromofluorobenzene
 Concen: 49.70 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 95 Resp: 91798
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 167.8
 176 84.3 0.0 162.4





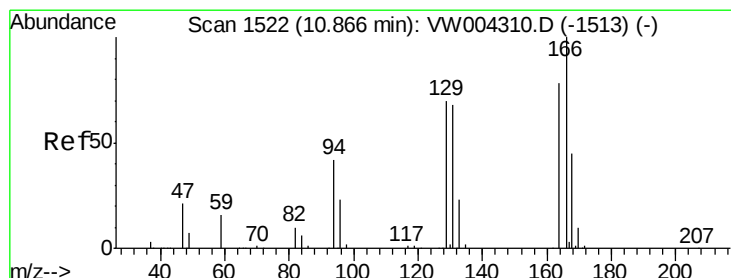
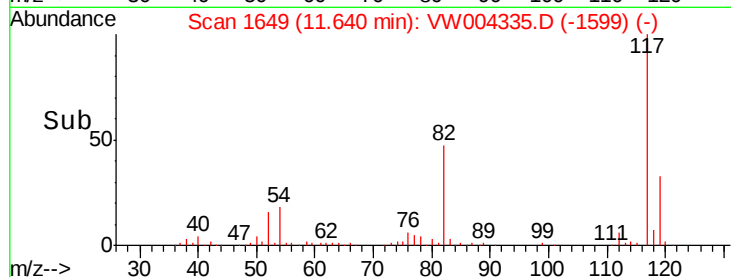
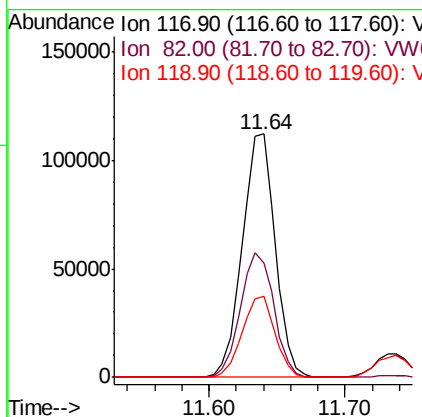
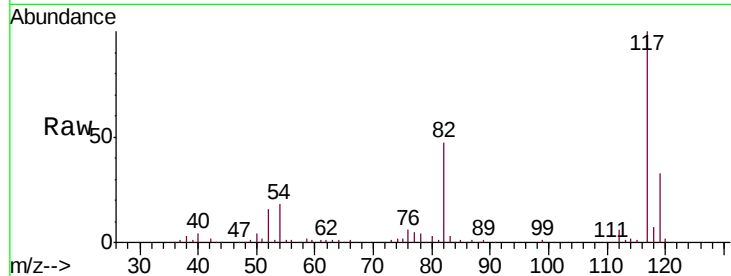
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.1	47.9	71.9#
119	33.3	27.1	40.7

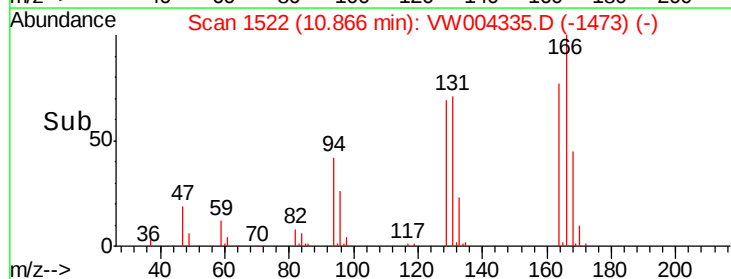
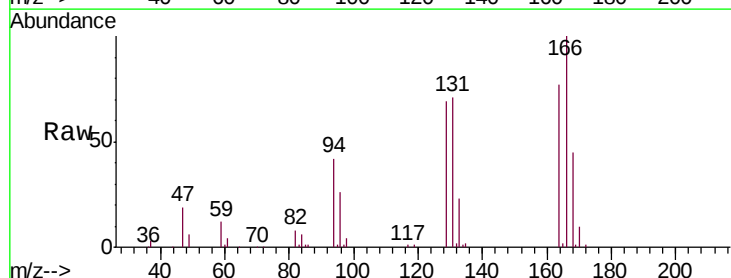
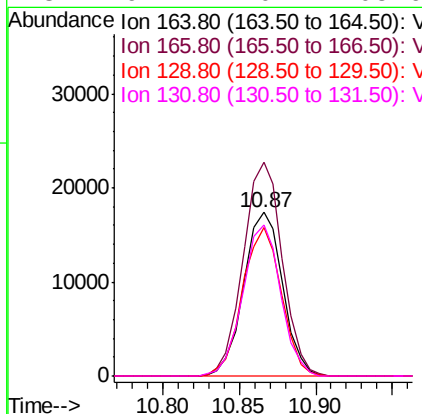
Manual Integrations
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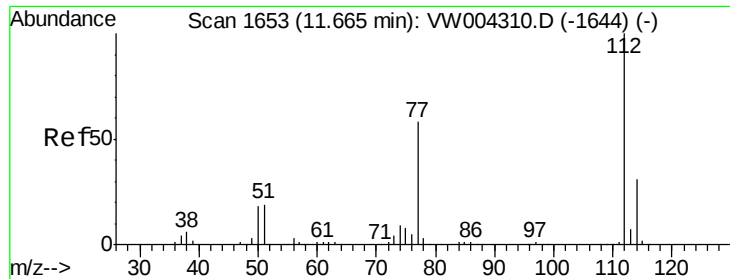
apatel
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#64
Tetrachloroethene
Concen: 22.14 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	103.2	154.8
129	90.6	72.1	108.1
131	92.4	70.4	105.6





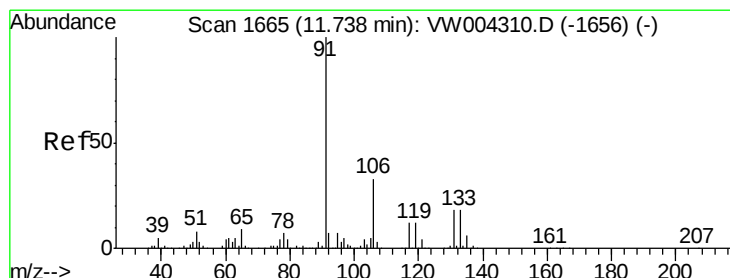
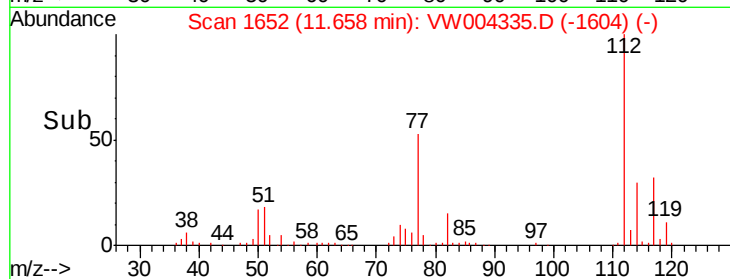
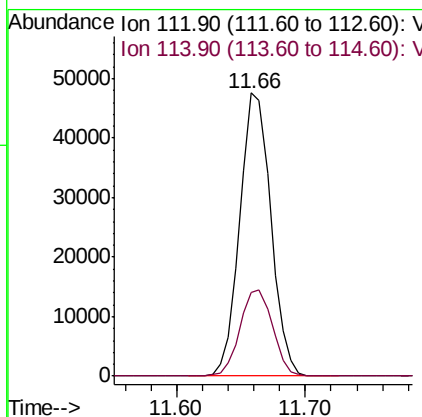
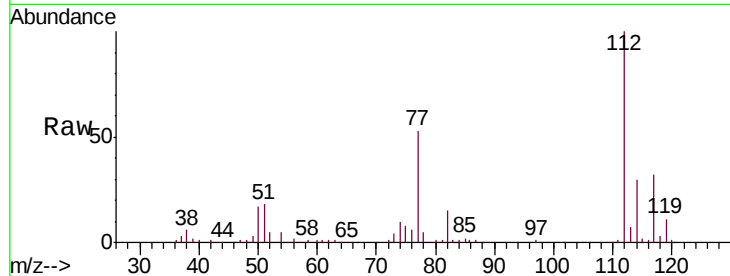
#65
Chlorobenzene
Concen: 19.92 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion:112 Resp: 79527
Ion Ratio Lower Upper
112 100
114 29.6 24.7 37.1

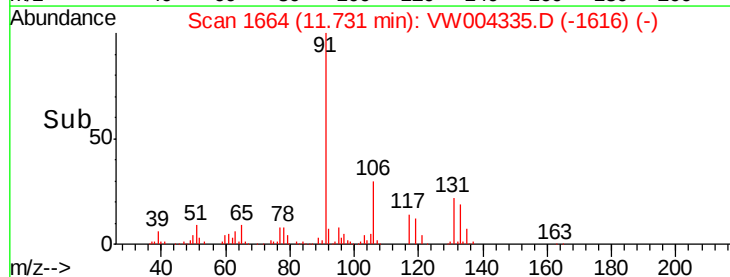
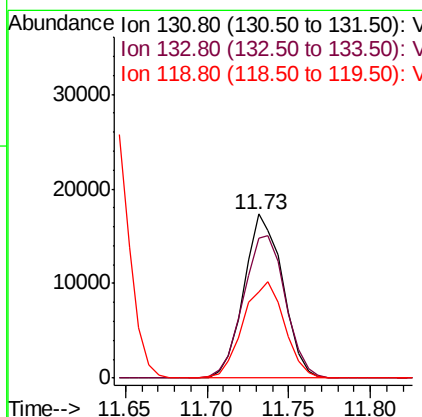
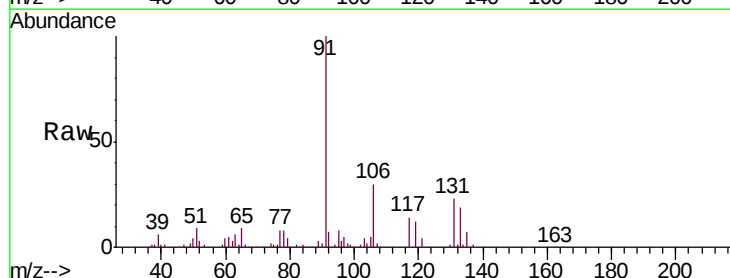
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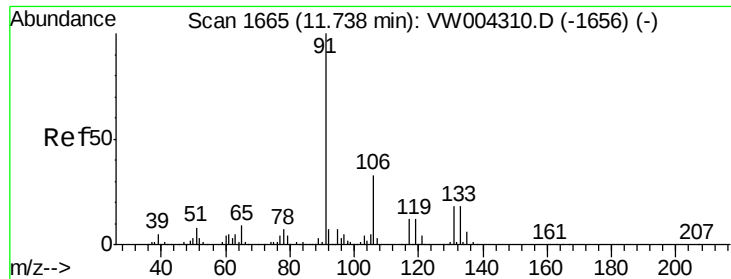
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.39 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion:131 Resp: 28700
Ion Ratio Lower Upper
131 100
133 94.1 48.6 145.9
119 62.1 33.1 99.5





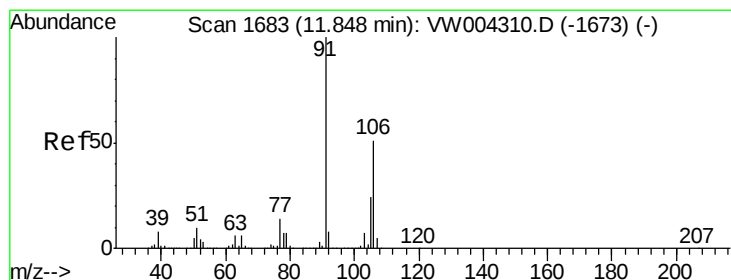
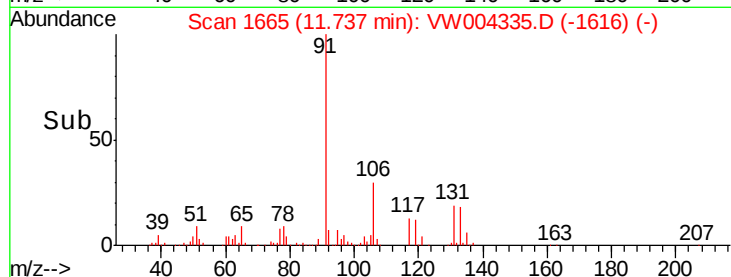
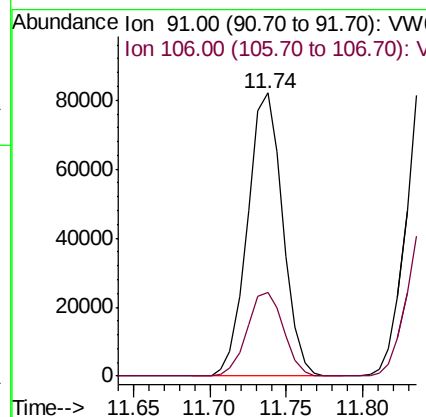
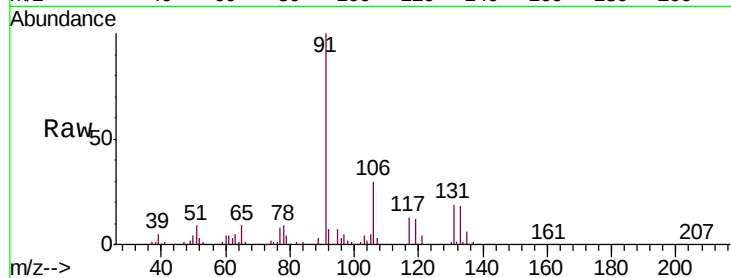
#67
Ethyl Benzene
Concen: 18.85 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion: 91 Resp: 131167
Ion Ratio Lower Upper
91 100
106 29.7 26.1 39.1

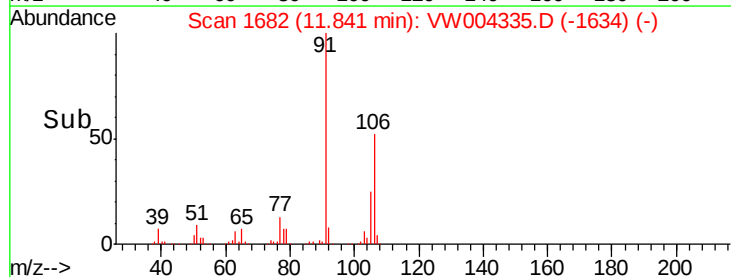
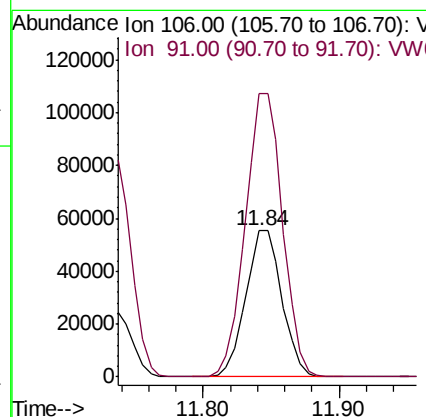
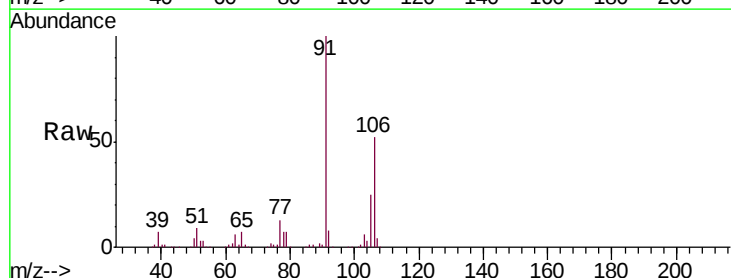
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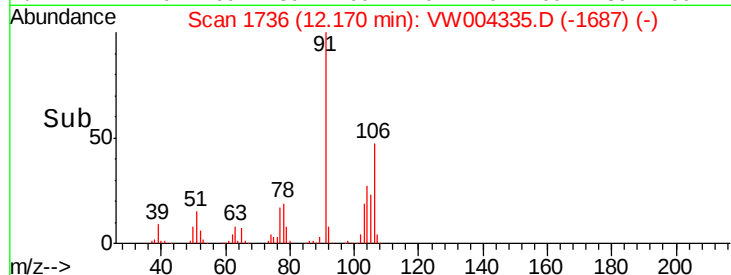
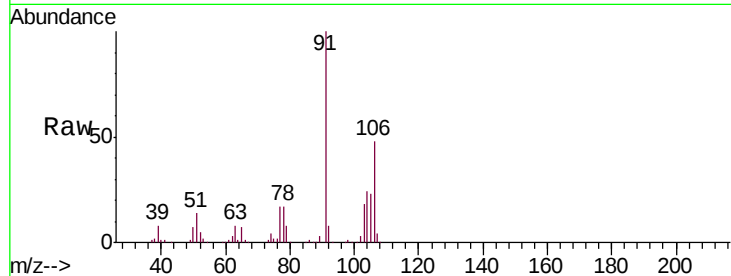
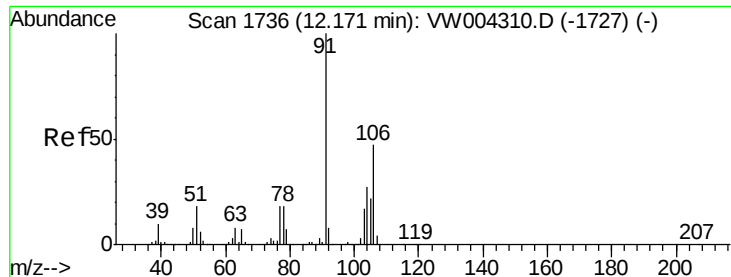
apatel
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#68
m/p-Xylenes
Concen: 38.43 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 106 Resp: 102885
Ion Ratio Lower Upper
106 100
91 199.5 162.2 243.2





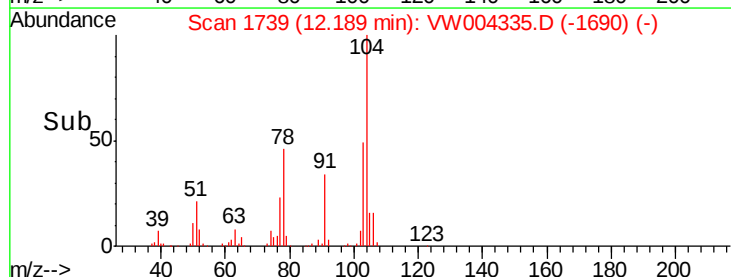
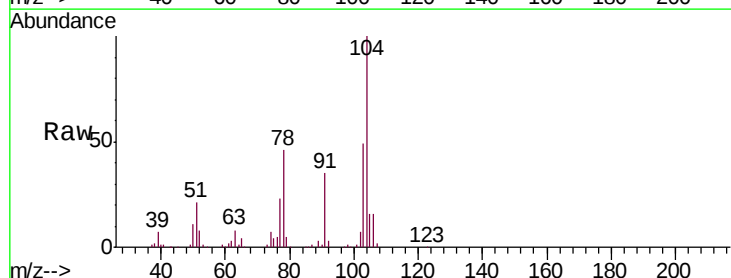
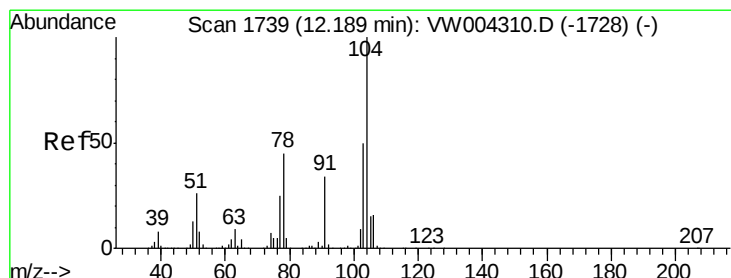
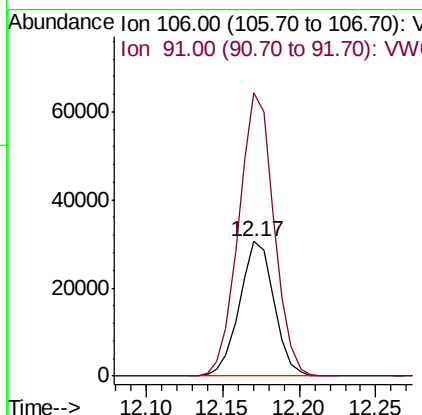
#69
o-Xylene
Concen: 19.38 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion:106 Resp: 47934
Ion Ratio Lower Upper
106 100
91 214.1 108.7 326.1

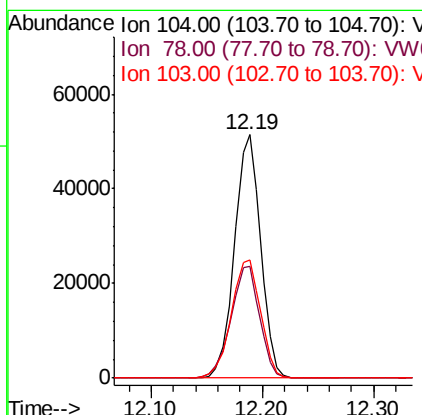
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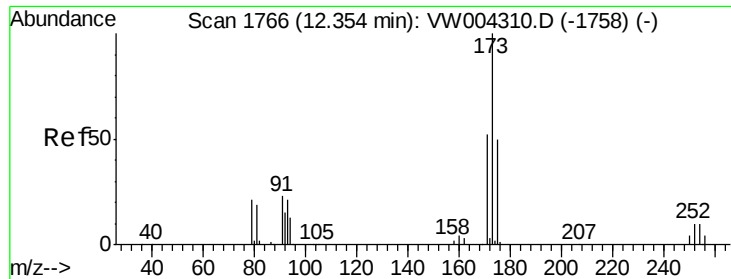
apatel
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#70
Styrene
Concen: 19.90 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion:104 Resp: 83192
Ion Ratio Lower Upper
104 100
78 50.5 40.9 61.3
103 54.3 45.0 67.6





#71

Bromoform

Concen: 21.58 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD02

Tot Ion:173 Resp: 17026

Ion Ratio Lower Upper

173 100

175 47.9 24.5 73.5

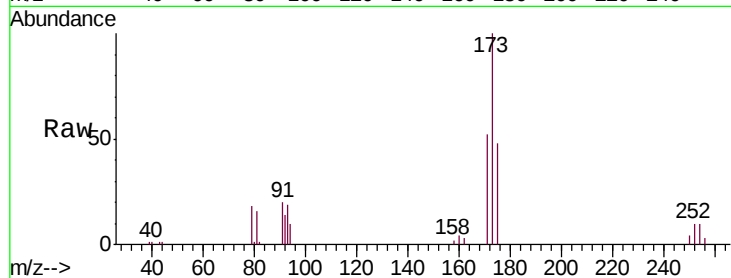
254 0.0 0.2 0.2#

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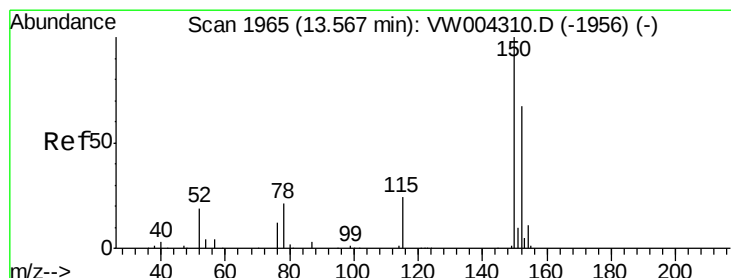
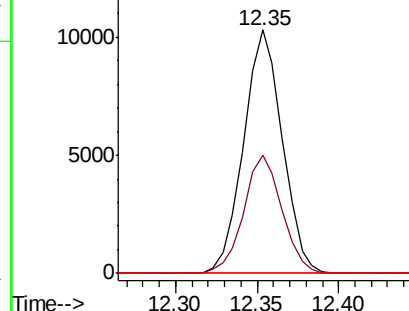
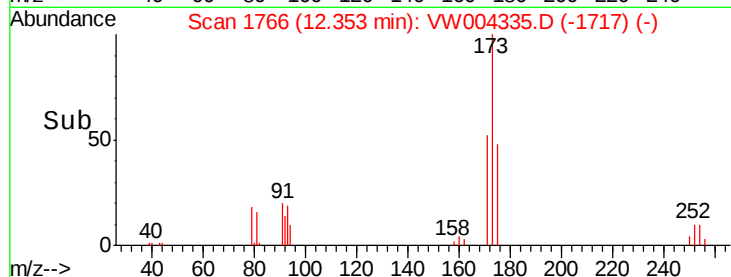
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW004335.D

Acq: 30 Jul 2018 02:26

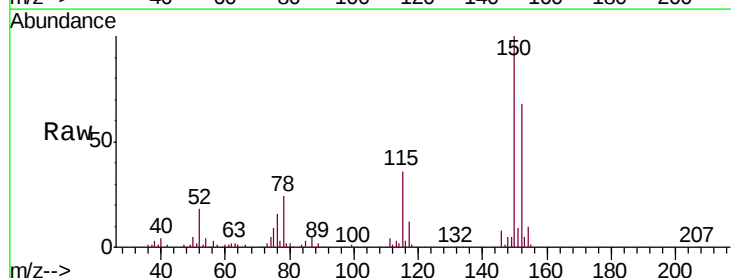
Tgt Ion:152 Resp: 107199

Ion Ratio Lower Upper

152 100

115 55.3 28.8 86.4

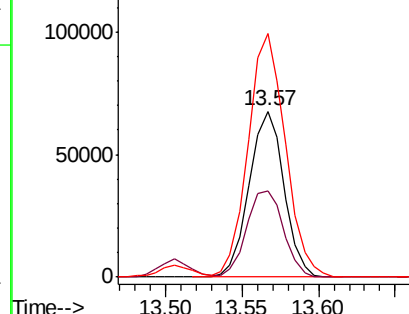
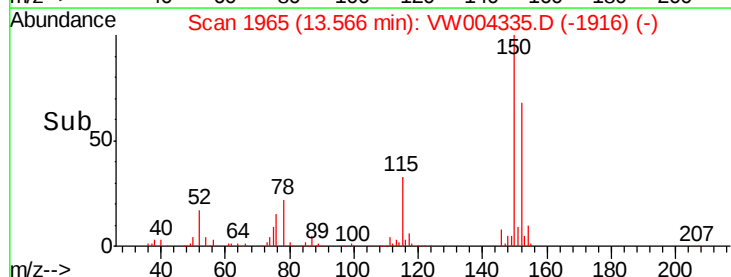
150 156.5 0.0 346.4

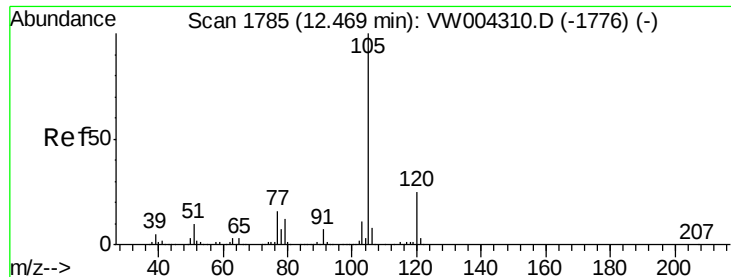


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.28 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS02

Tot Ion: 105 Resp: 135906

Ion Ratio Lower Upper

105 100

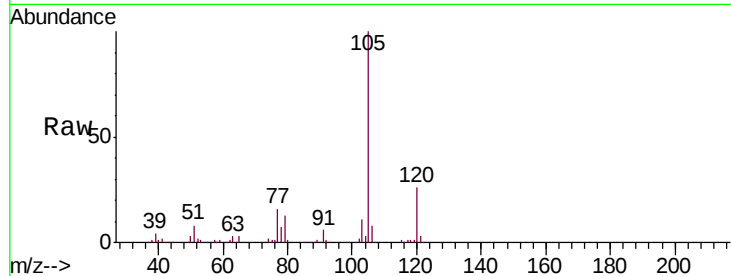
120 25.9 13.2 39.6

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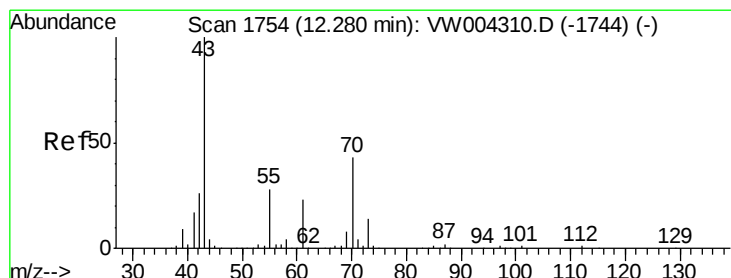
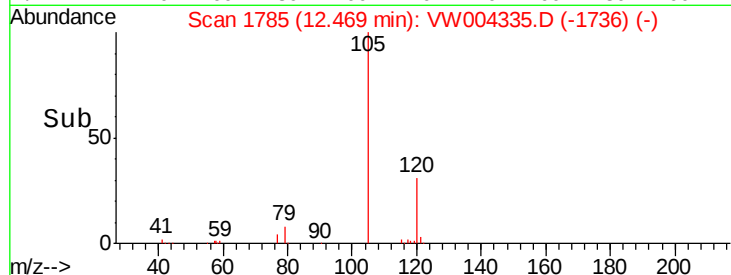
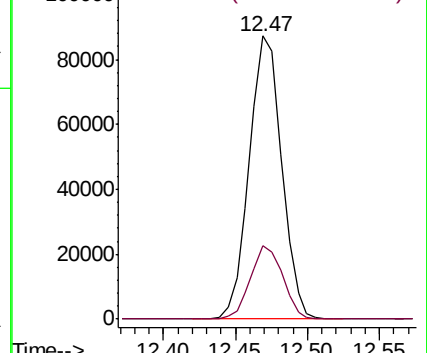
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.48 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion: 43 Resp: 25138

Ion Ratio Lower Upper

43 100

70 48.8 34.2 51.4

55 25.6 21.8 32.8

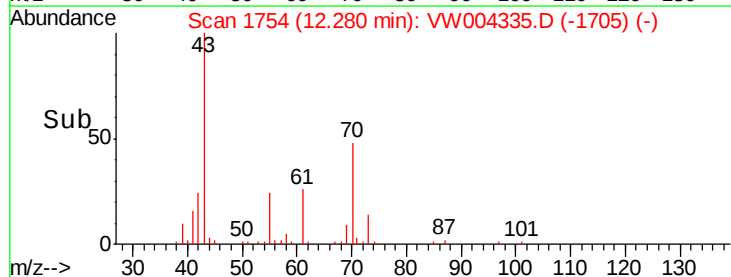
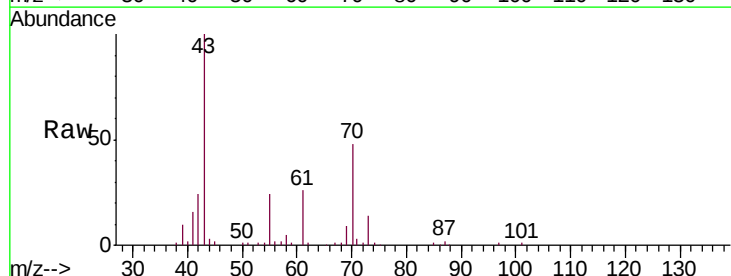
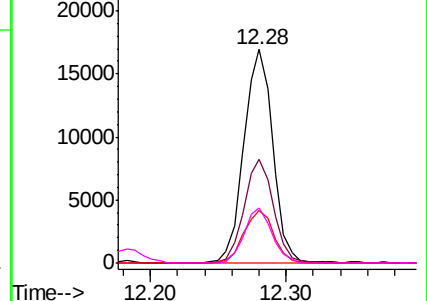
61 24.6 18.9 28.3

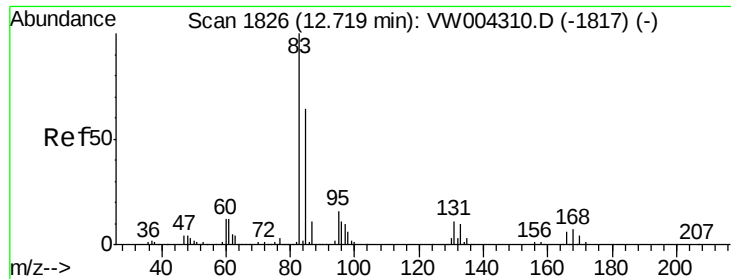
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 16.80 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

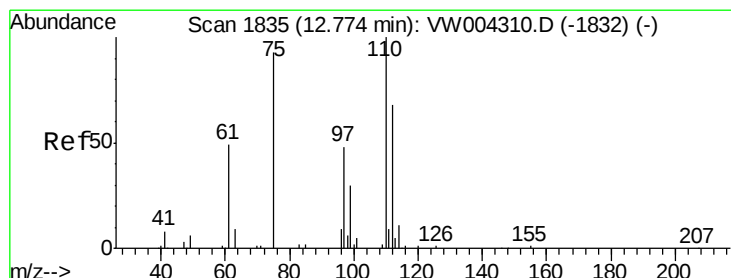
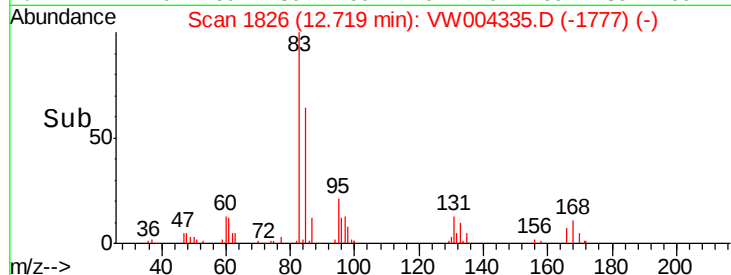
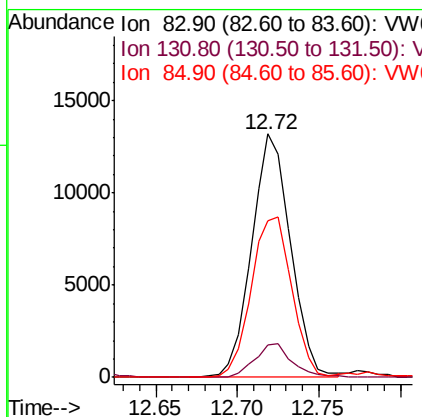
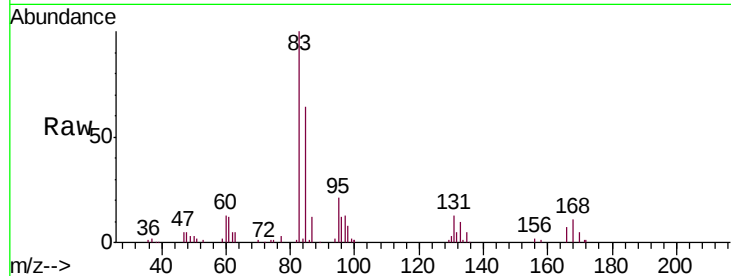
ClientSampleId :

VW0730SBSD02

Tot Ion:	83	Resp:	21869
Ion Ratio	Lower	Upper	
83	100		
131	13.4	5.5	16.4
85	68.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.29 ug/l m

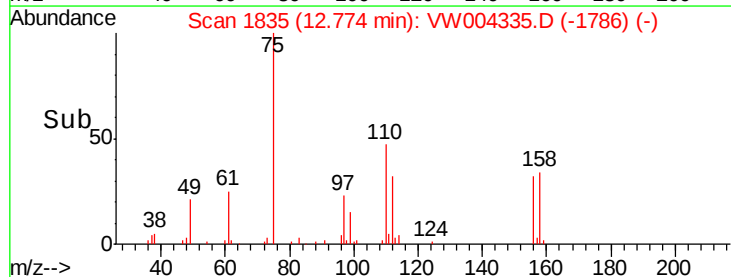
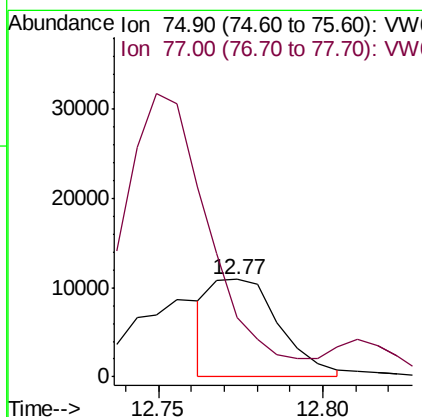
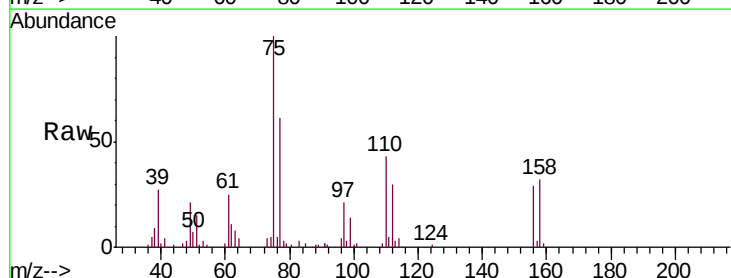
RT: 12.77 min Scan# 1835

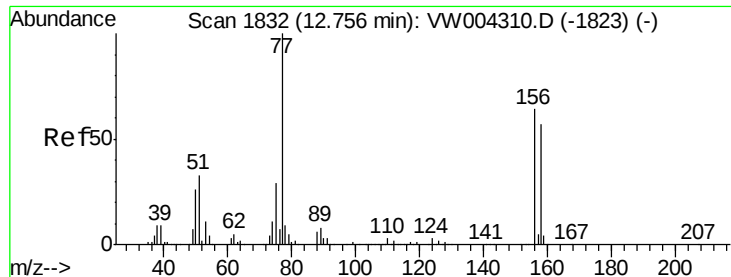
Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion:	75	Resp:	15934
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.76 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

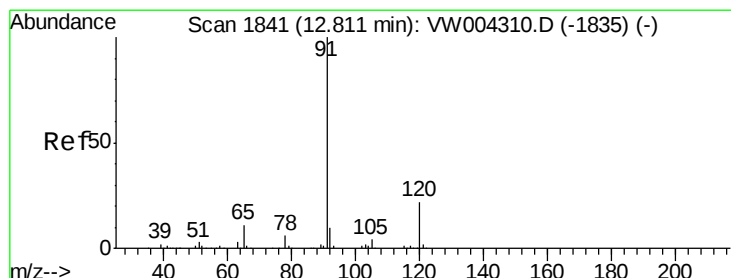
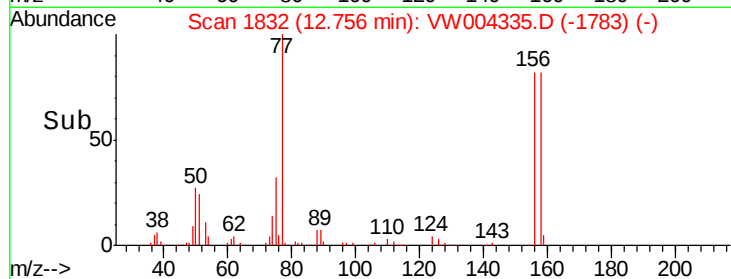
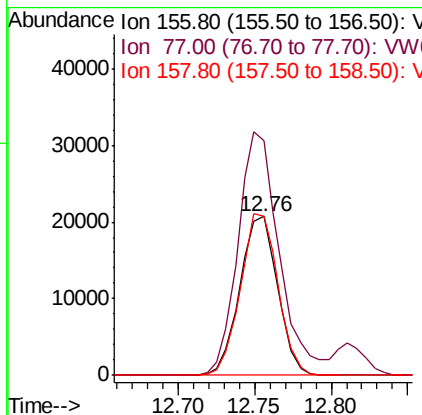
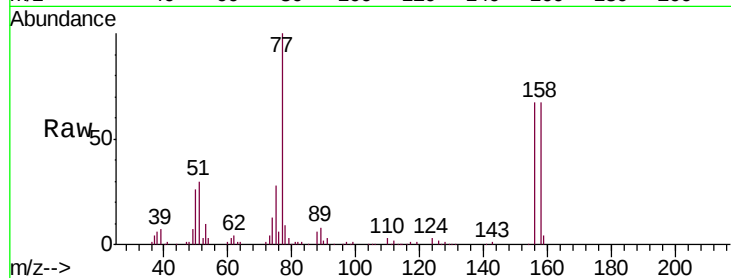
ClientSampleId :

VW0730SBS02

Tot Ion:	156	Resp:	35487
Ion	Ratio	Lower	Upper
156	100		
77	166.1	92.9	278.7
158	100.7	47.6	142.8

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#78

n-propylbenzene

Concen: 17.69 ug/l

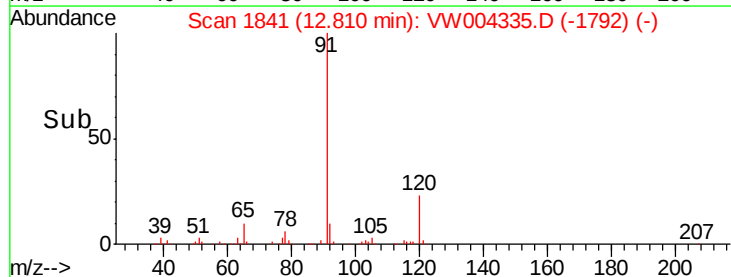
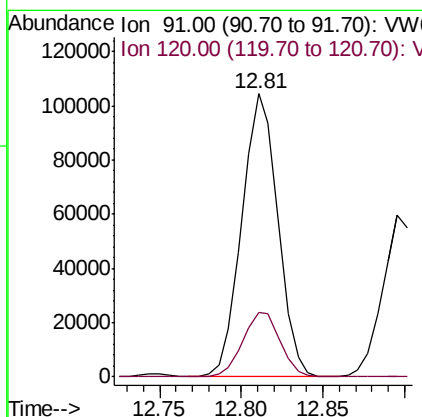
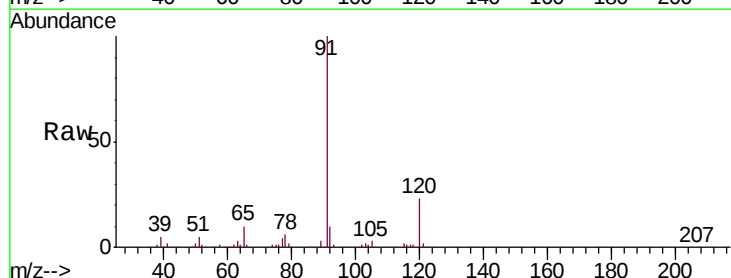
RT: 12.81 min Scan# 1841

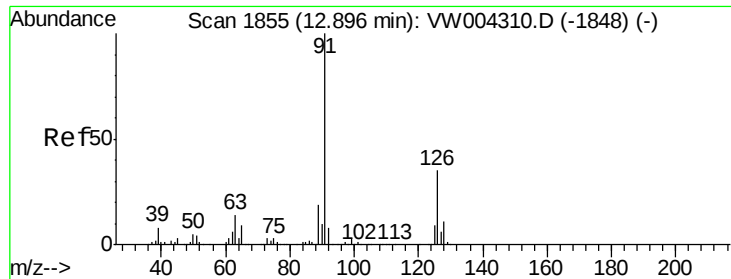
Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion:	91	Resp:	160212
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.3	33.8





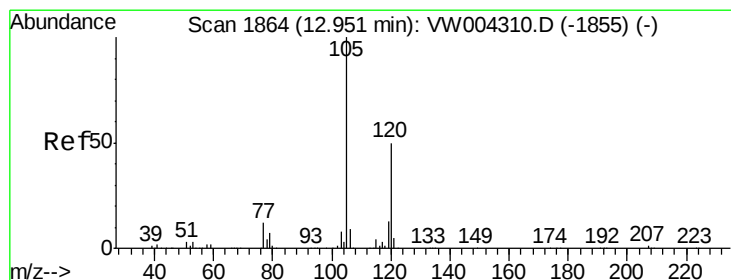
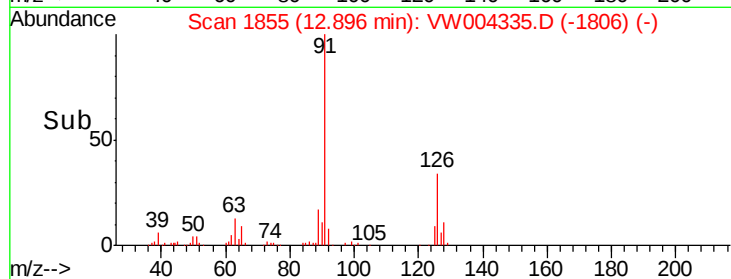
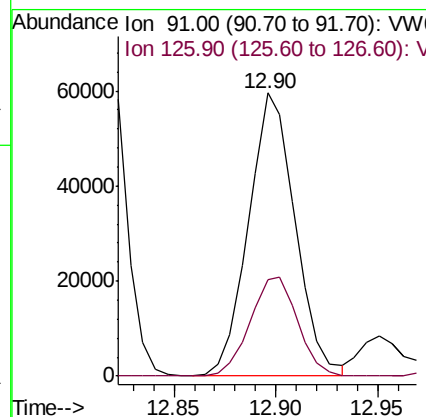
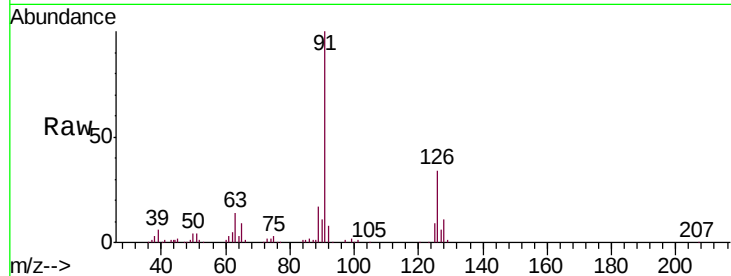
#79
 2-Chlorotoluene
 Concen: 18.28 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion: 91 Resp: 94666
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.1 51.2

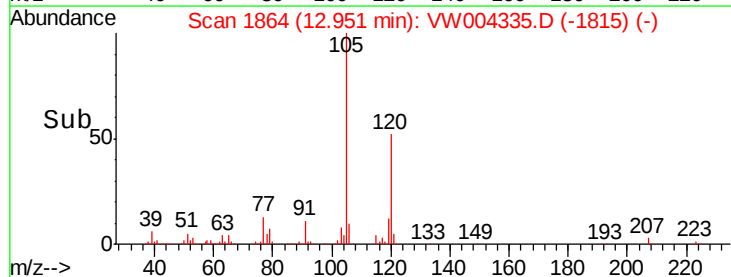
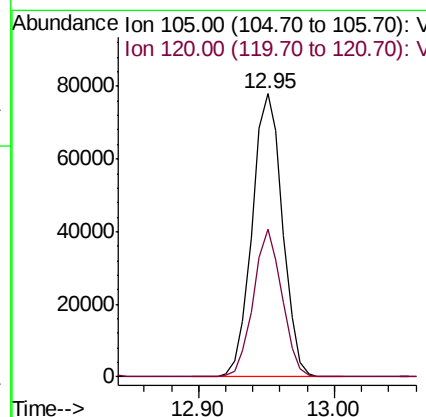
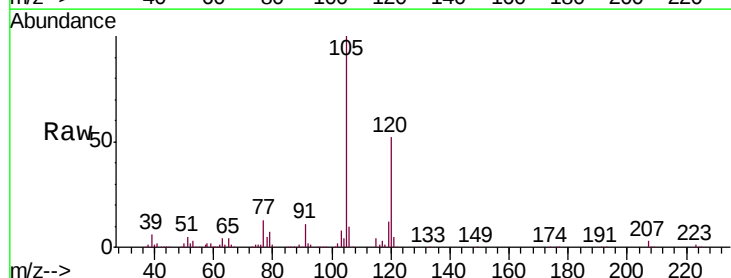
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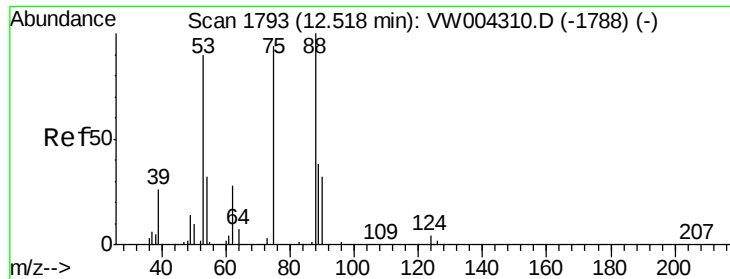
apatel
 7/30/2018 10:33:58 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.09 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion:105 Resp: 122266
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.1 75.2





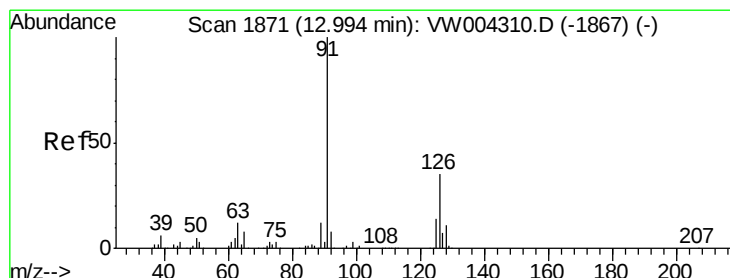
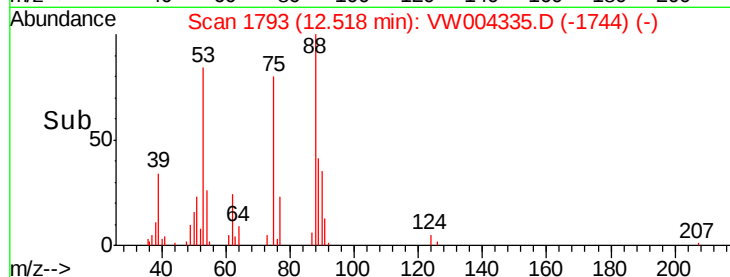
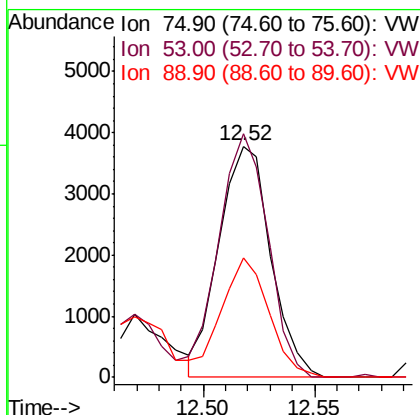
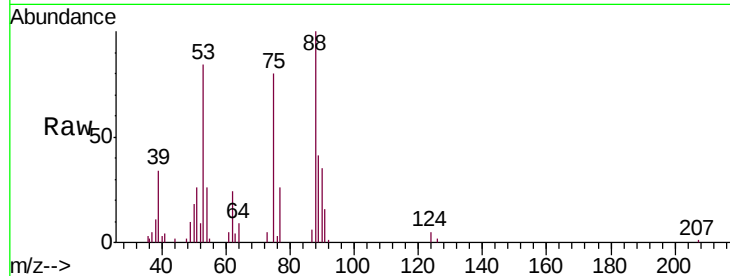
#81
trans-1,4-Dichloro-2-butene
Concen: 14.52 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.4	77.6	116.4
89	47.6	36.0	54.0

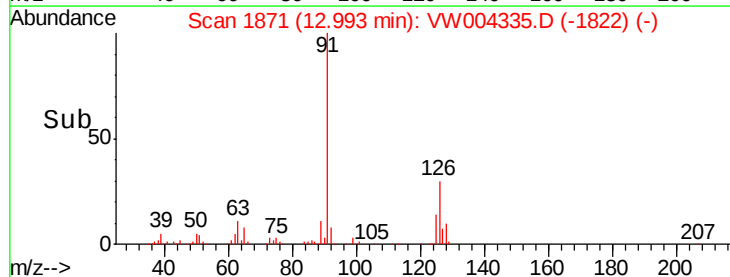
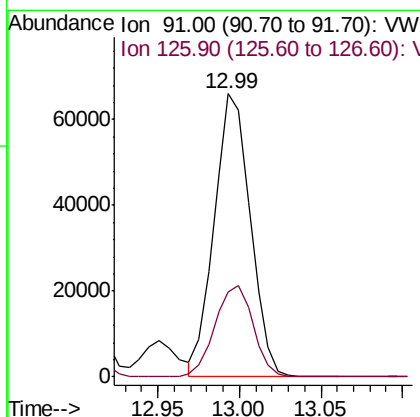
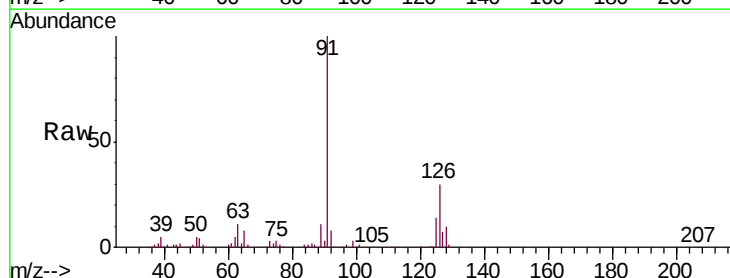
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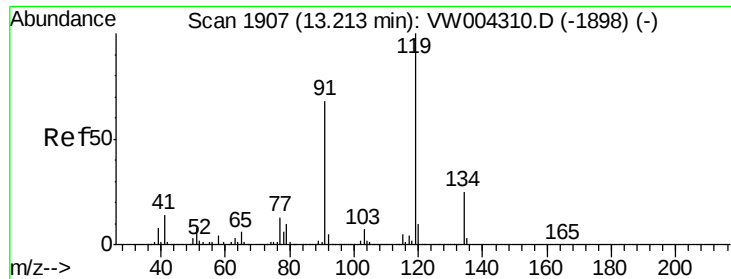
apatel
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#82
4-Chlorotoluene
Concen: 18.61 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.4	52.3





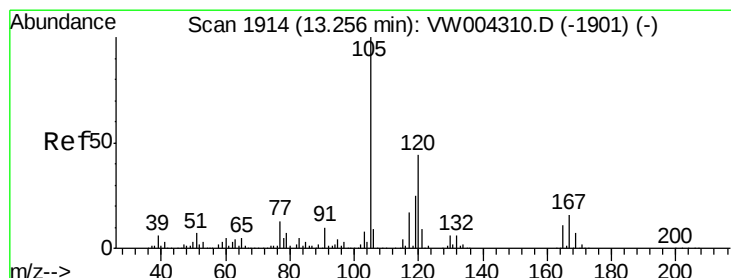
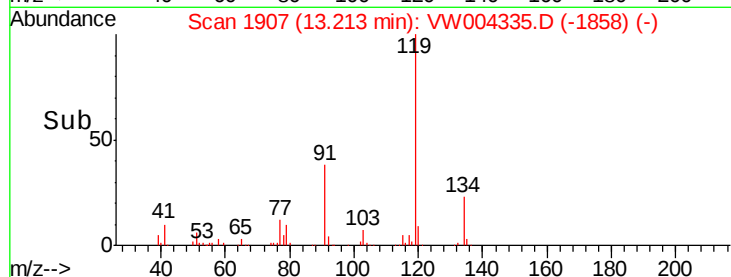
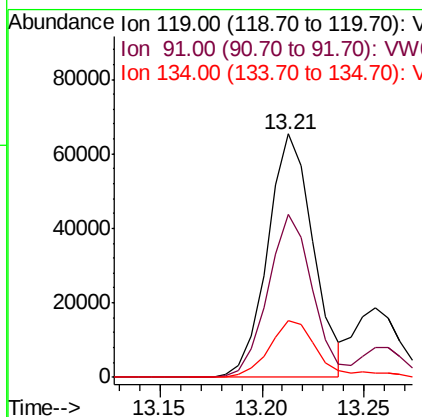
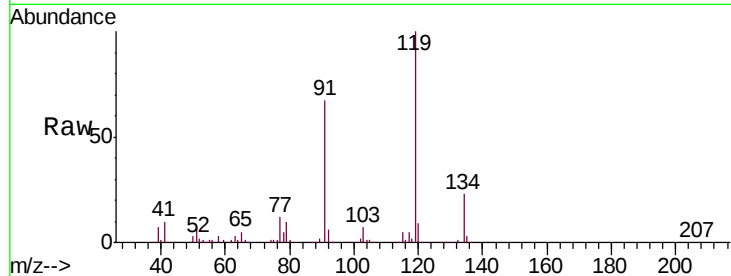
#83
tert-Butylbenzene
Concen: 19.12 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	102012		
91	66.0		32.8	98.3
134	25.2		12.2	36.6

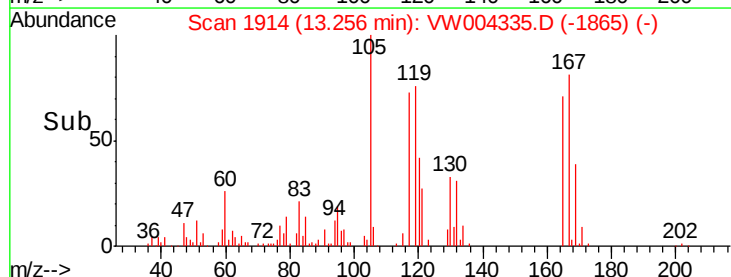
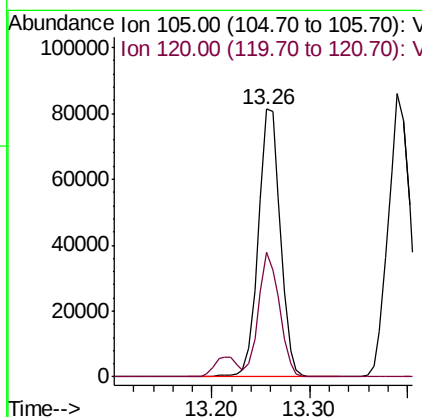
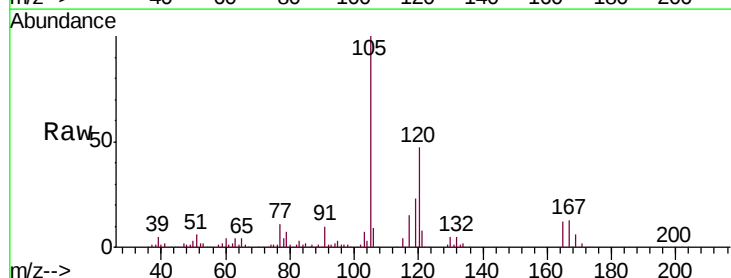
Manual Integrations
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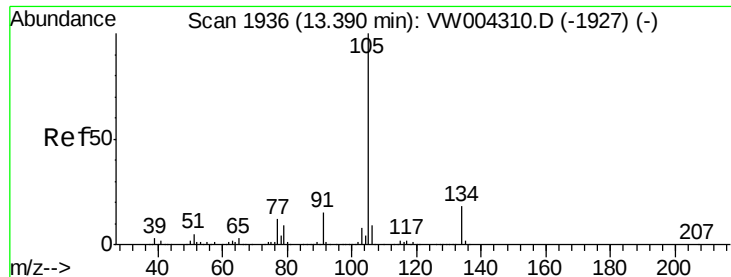
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 19.44 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126953		
120	44.0		22.7	68.0





#85

sec-Butylbenzene

Concen: 17.24 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD02

Tot Ion:105 Resp: 134373

Ion Ratio Lower Upper

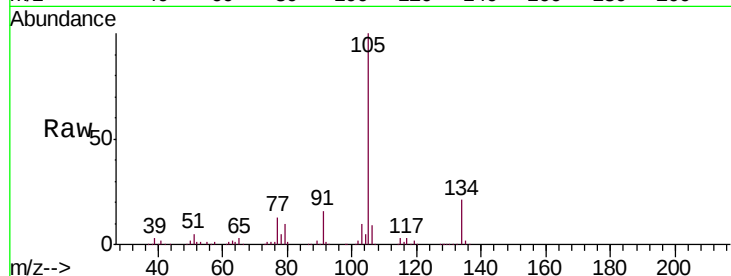
105 100

134 21.8 9.6 28.8

Manual Integrations
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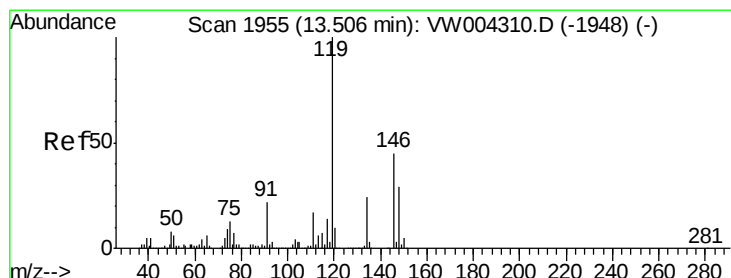
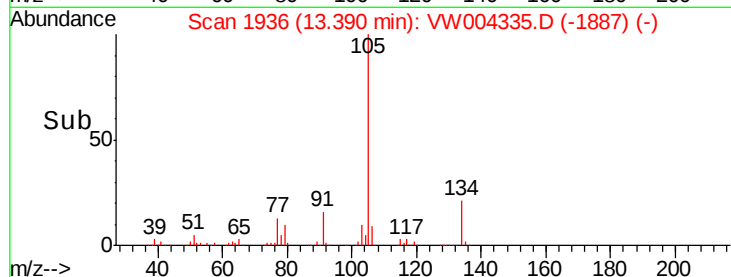
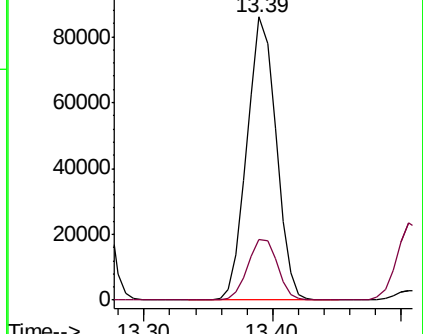
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.47 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

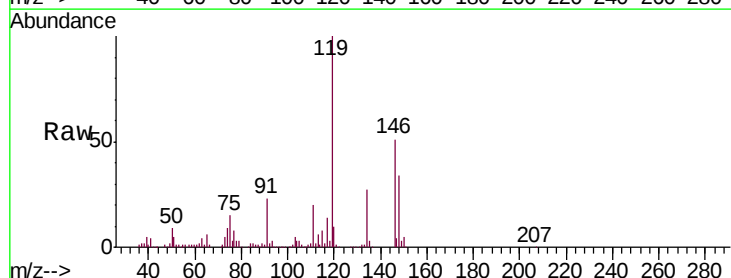
Tgt Ion:119 Resp: 129269

Ion Ratio Lower Upper

119 100

134 27.1 12.6 37.8

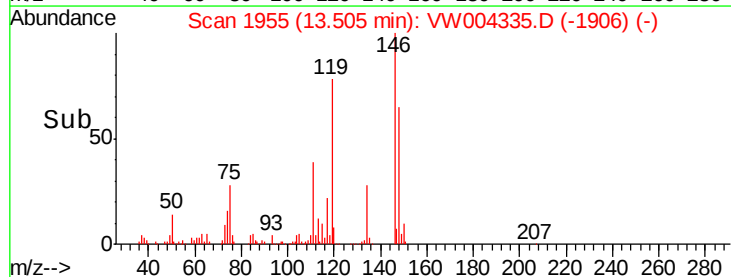
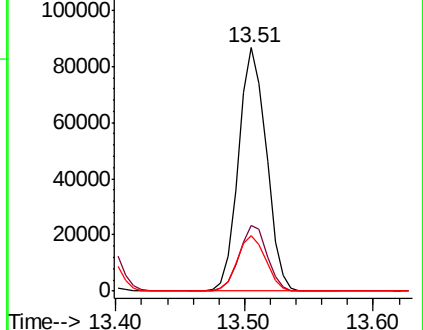
91 23.4 11.3 33.9

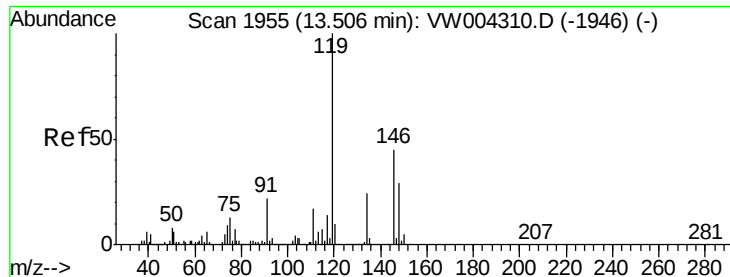


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





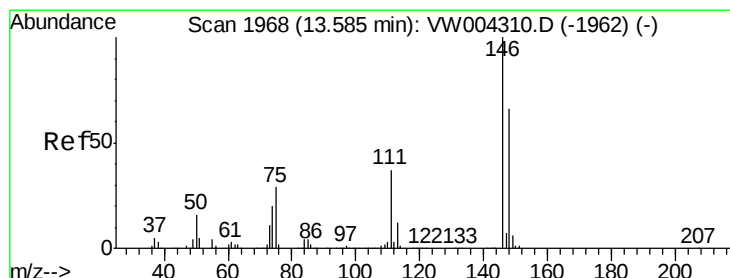
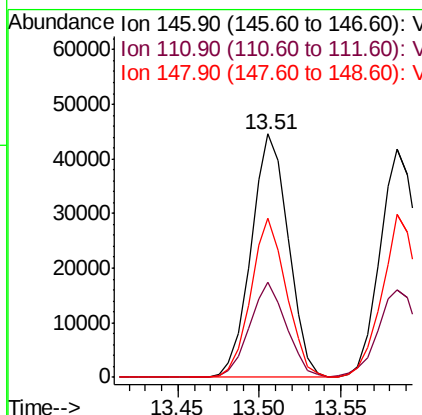
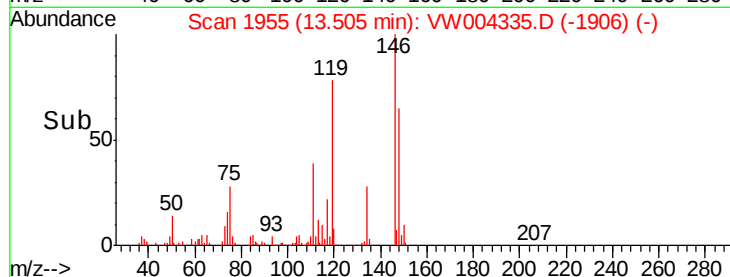
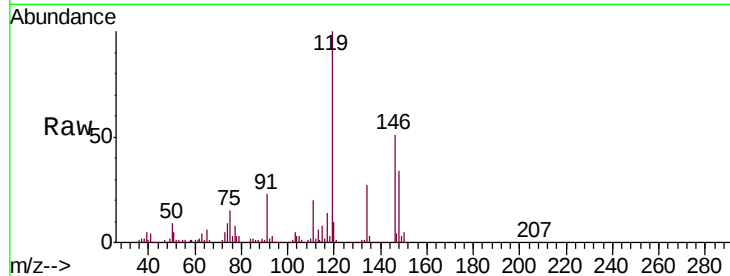
#87
 1,3-Dichlorobenzene
 Concen: 19.66 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.9	59.6
148	62.6	31.9	95.5

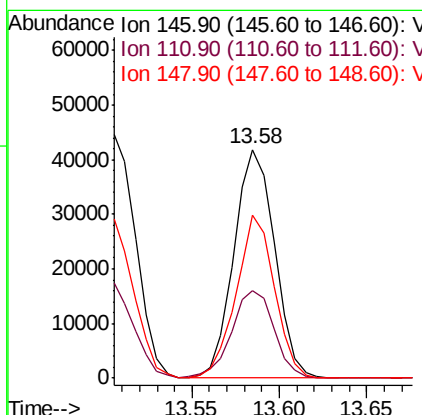
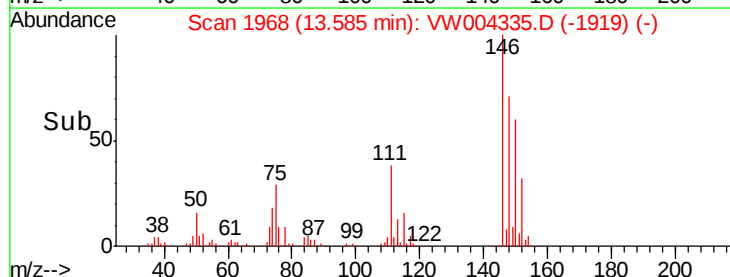
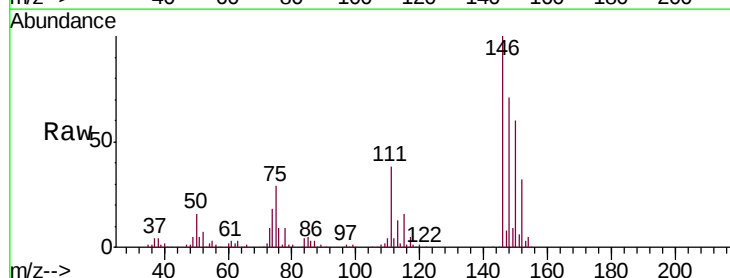
Manual Integrations
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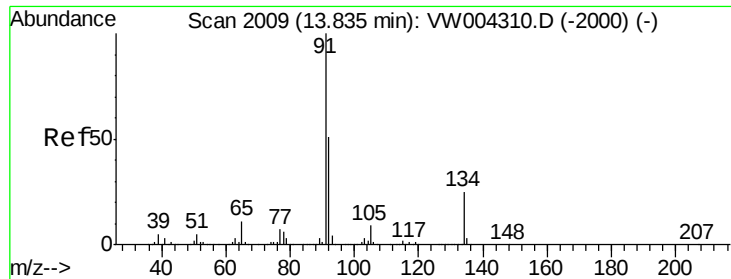
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 18.95 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.1
148	67.3	32.8	98.3





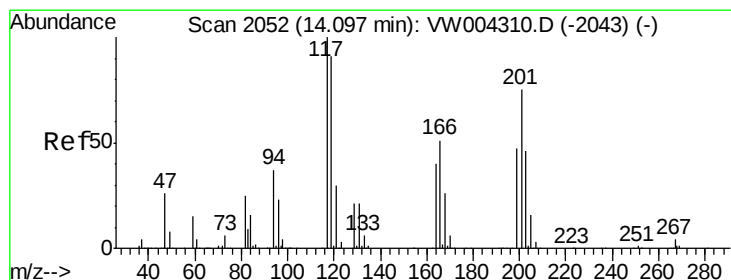
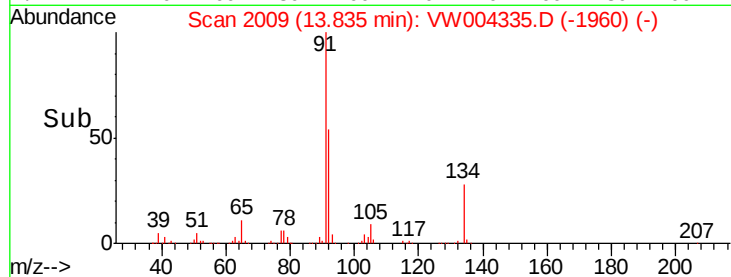
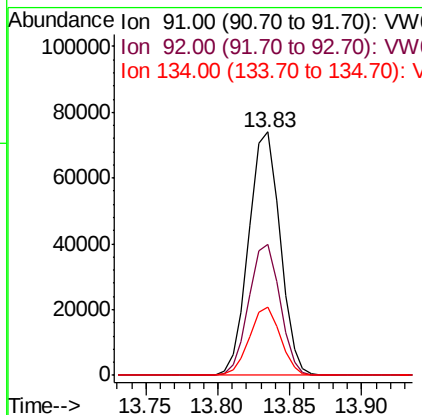
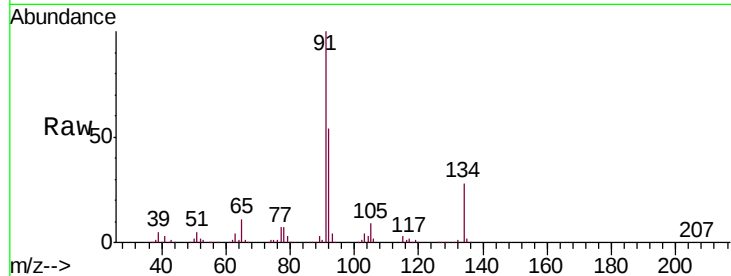
#89
n-Butylbenzene
Concen: 17.10 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.4	79.2
134	27.4	12.9	38.6

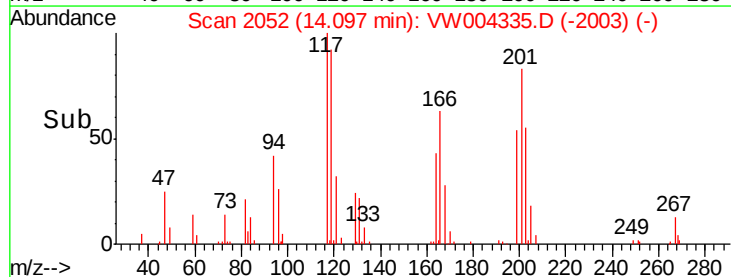
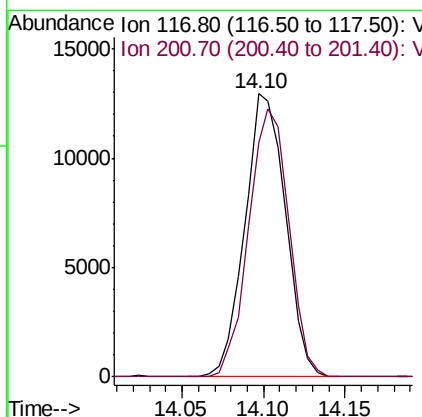
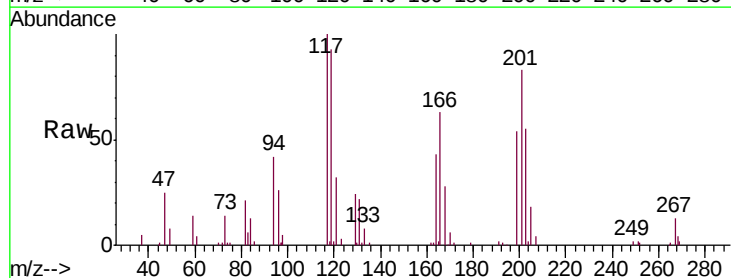
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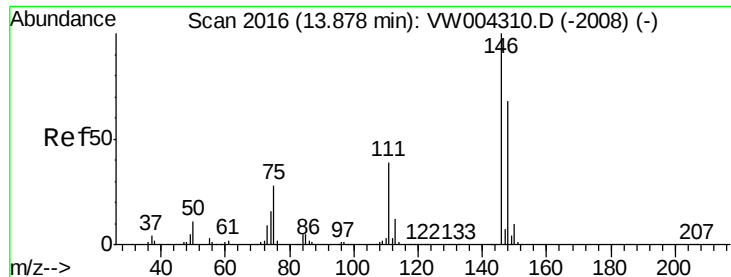
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#90
Hexachloroethane
Concen: 18.00 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.7	41.5	124.5





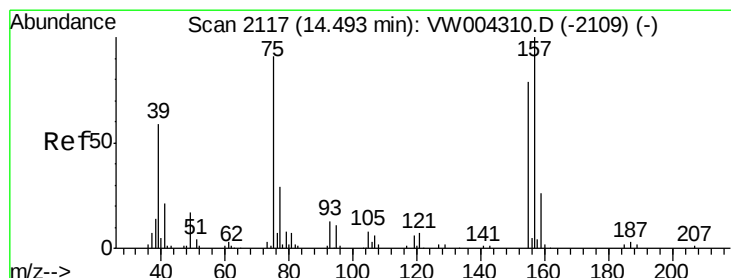
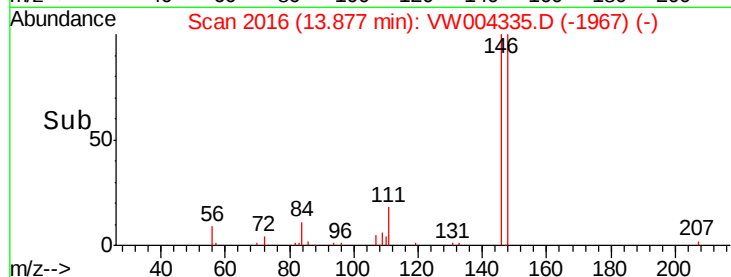
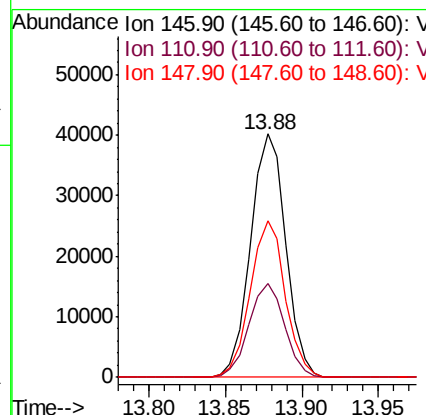
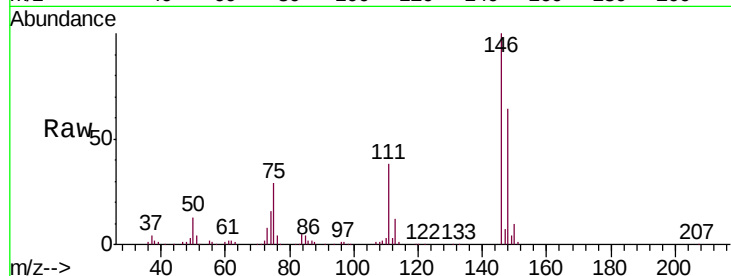
#91
 1,2-Dichlorobenzene
 Concen: 19.94 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	64.2	32.0	96.0

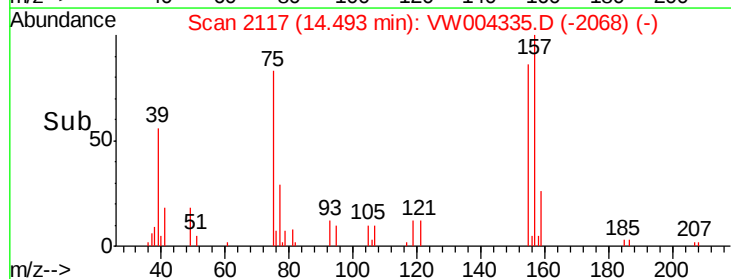
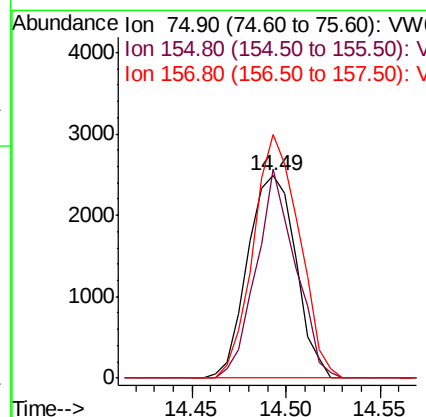
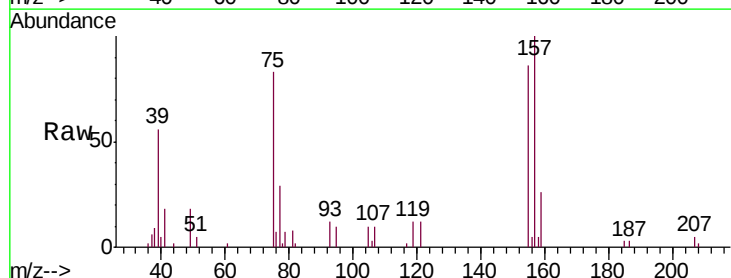
Manual Integrations
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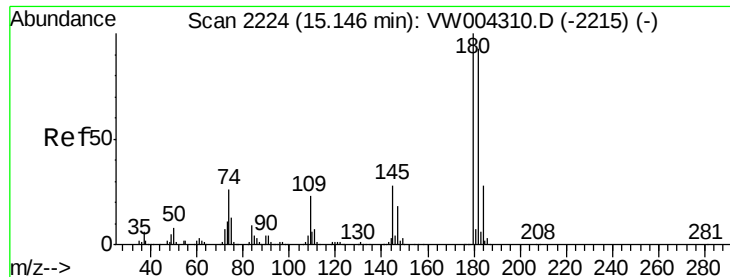
apatel
 7/30/2018 10:33:58 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.36 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	41.4	124.4
157	114.5	55.2	165.6





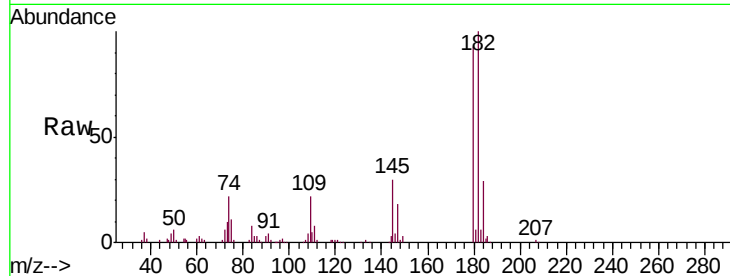
#93
 1,2,4-Trichlorobenzene
 Concen: 20.00 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBSD02

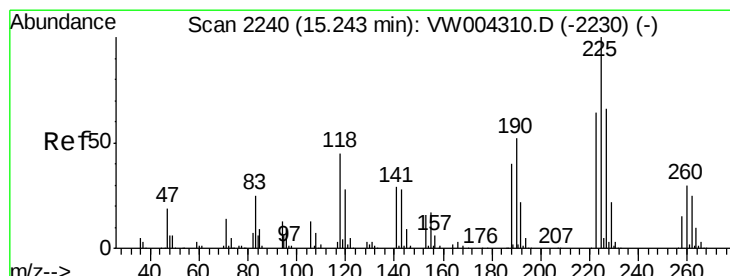
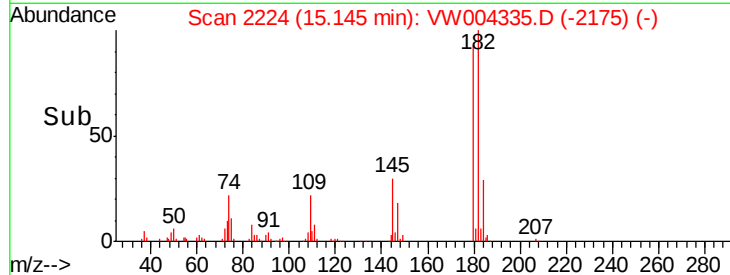
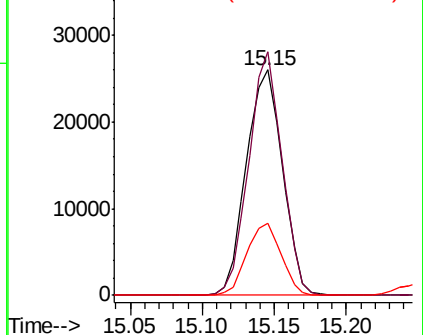
Tot Ion:	180	Resp:	45179
Ion Ratio	Lower	Upper	
180	100		
182	99.1	47.3	141.8
145	30.3	14.8	44.4

Manual Integrations
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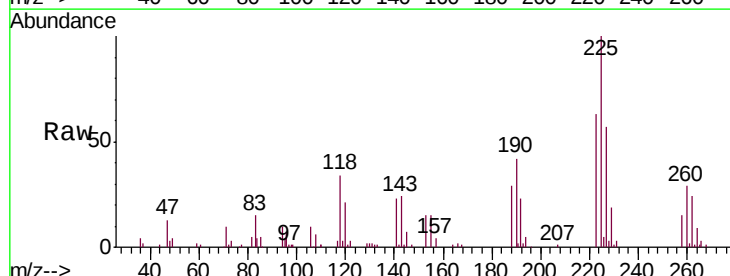


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

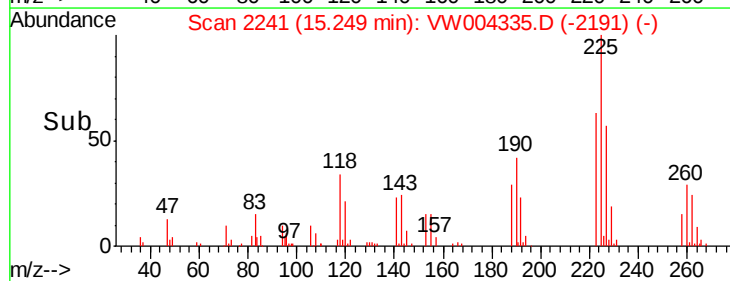
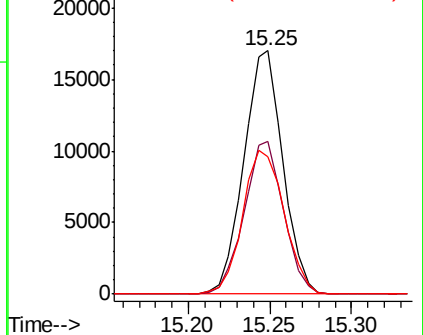


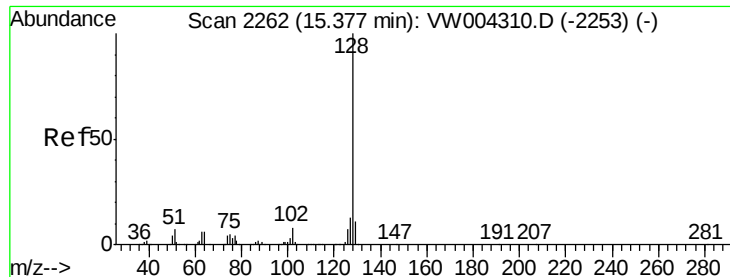
#94
 Hexachlorobutadiene
 Concen: 20.51 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion:	225	Resp:	28317
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.0	93.0
227	62.8	32.6	97.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.73 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

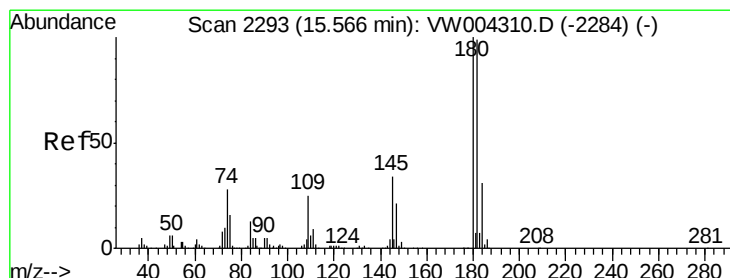
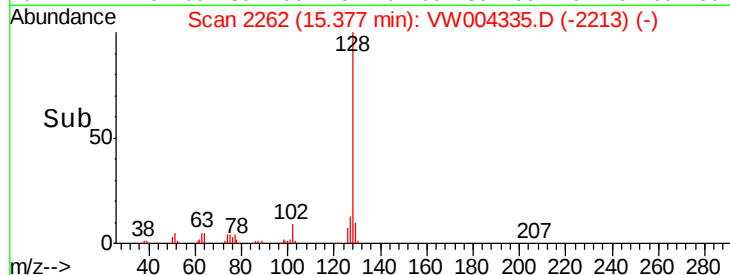
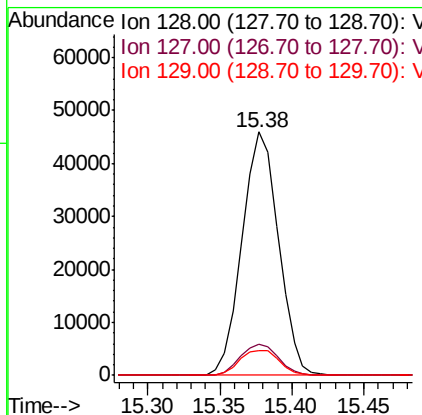
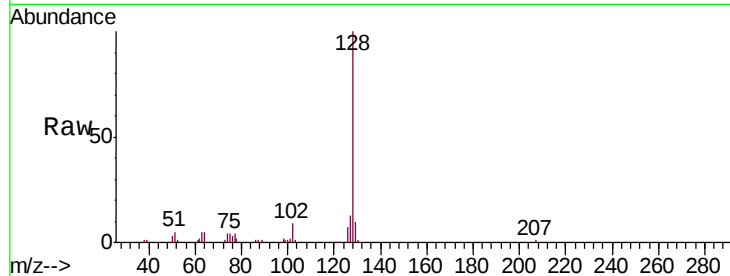
ClientSampleId :

VW0730SBS02

Tot Ion:	128	Resp:	80585
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.4	15.6
129	11.3	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 21.09 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion:	180	Resp:	41692
Ion Ratio	Lower	Upper	
180	100		
182	97.0	48.0	144.0
145	31.0	16.2	48.5

