

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003950.D
 Acq On : 16 Jul 2018 14:07
 Operator : VA/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

apatel
 7/17/2018 10:11:16 AM

Quant Time: Jul 16 14:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:22:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	445651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	335261	103.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.92%	
35) Dibromofluoromethane	7.88	113	294991	102.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.64%	
50) Toluene-d8	10.33	98	1148254	102.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.10%	
62) 4-Bromofluorobenzene	12.62	95	418025	103.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	159462	106.48	ug/l	99
3) Chloromethane	2.21	50	195338	88.95	ug/l	99
4) Vinyl Chloride	2.36	62	272339	90.42	ug/l	100
5) Bromomethane	2.76	94	175967	91.63	ug/l	99
6) Chloroethane	2.92	64	161131	91.50	ug/l	98
7) Trichlorofluoromethane	3.24	101	108537	85.11	ug/l	98
8) Diethyl Ether	3.67	74	138984	100.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	263934	97.41	ug/l	98
10) Methyl Iodide	4.26	142	399626	99.41	ug/l	100
11) Tert butyl alcohol	5.18	59	122389	604.02	ug/l	99
12) 1,1-Dichloroethene	4.03	96	265471	99.72	ug/l	98
13) Acrolein	3.89	56	110658	487.33	ug/l	96
14) Allyl chloride	4.65	41	455434	98.42	ug/l	99
15) Acrylonitrile	5.36	53	387792	553.53	ug/l	99
16) Acetone	4.12	43	381078	535.93	ug/l	99
17) Carbon Disulfide	4.37	76	837091	97.37	ug/l	100
18) Methyl Acetate	4.67	43	197751	112.83	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	562346	106.41	ug/l	98
20) Methylene Chloride	4.92	84	302153	63.71	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	294357	96.16	ug/l	99
22) Diisopropyl ether	6.31	45	920915	96.85	ug/l	98
23) Vinyl Acetate	6.25	43	3152636	537.93	ug/l	99
24) 1,1-Dichloroethane	6.21	63	547469	95.69	ug/l	99
25) 2-Butanone	7.18	43	564757	573.50	ug/l	97
26) 2,2-Dichloropropane	7.17	77	291944	89.14	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	322726	97.54	ug/l	99
28) Bromochloromethane	7.51	49	212130	87.01	ug/l	99
29) Tetrahydrofuran	7.53	42	358798	581.11	ug/l	100
30) Chloroform	7.67	83	541720	94.60	ug/l	99
31) Cyclohexane	7.95	56	484976	91.38	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	421749	94.69	ug/l	100
36) 1,1-Dichloropropene	8.08	75	442933	96.27	ug/l	99
37) Ethyl Acetate	7.26	43	241673	113.28	ug/l	100
38) Carbon Tetrachloride	8.07	117	416186	97.05	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	546552	103.61	ug/l	99
40) Benzene	8.32	78	1231868	95.90	ug/l	98
41) Methacrylonitrile	7.49	41	129710	107.20	ug/l	97
42) 1,2-Dichloroethane	8.40	62	386845	98.75	ug/l	100
43) Isopropyl Acetate	8.43	43	457495	113.76	ug/l	98
44) Trichloroethene	9.09	130	319842	97.23	ug/l	96
45) 1,2-Dichloropropane	9.37	63	320158	97.45	ug/l	99
46) Dibromomethane	9.46	93	171694	102.04	ug/l	99
47) Bromodichloromethane	9.65	83	415228	99.21	ug/l	98
48) Methyl methacrylate	9.44	41	224594	116.25	ug/l	99
49) 1,4-Dioxane	9.45	88	59131	2326.07	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1223941	572.20	ug/l	99
52) Toluene	10.39	92	767843	96.16	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	452127	104.69	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	505884	102.16	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	231729	97.32	ug/l	100
56) Ethyl methacrylate	10.65	69	345876	115.06	ug/l	99
57) 1,3-Dichloropropane	10.93	76	419191	101.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	729633	503.70	ug/l	100
59) 2-Hexanone	10.98	43	874740	585.10	ug/l	100
60) Dibromochloromethane	11.13	129	285647	103.51	ug/l	99
61) 1,2-Dibromoethane	11.24	107	233891	104.63	ug/l	98
64) Tetrachloroethene	10.87	164	274063	96.45	ug/l	99
65) Chlorobenzene	11.66	112	838075	96.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	296107	97.90	ug/l	100
67) Ethyl Benzene	11.74	91	1526628	99.99	ug/l	99
68) m/p-Xylenes	11.85	106	1156294	198.06	ug/l	99
69) o-Xylene	12.17	106	544267	100.43	ug/l	99
70) Styrene	12.19	104	933046	102.96	ug/l	99
71) Bromoform	12.35	173	181158	108.84	ug/l	# 99
73) Isopropylbenzene	12.47	105	1484812	100.13	ug/l	100
74) N-amyl acetate	12.28	43	435000	115.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	297786	106.07	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	208774m	96.89	ug/l	
77) Bromobenzene	12.76	156	349743	98.70	ug/l	99
78) n-propylbenzene	12.81	91	1812979	99.23	ug/l	100
79) 2-Chlorotoluene	12.90	91	1022616	98.94	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1239609	98.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	103498	116.03	ug/l	98
82) 4-Chlorotoluene	12.99	91	1064395	96.26	ug/l	99
83) tert-Butylbenzene	13.21	119	1057877	100.85	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1283633	99.48	ug/l	99
85) sec-Butylbenzene	13.39	105	1535970	98.14	ug/l	99
86) p-Isopropyltoluene	13.51	119	1365163	99.47	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	684993	96.10	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	678445	94.91	ug/l	99
89) n-Butylbenzene	13.84	91	1335368	98.97	ug/l	99
90) Hexachloroethane	14.10	117	245858	97.20	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	614187	96.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	54650	110.97	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	442168	100.08	ug/l	99
94) Hexachlorobutadiene	15.25	225	243696	95.81	ug/l	99
95) Naphthalene	15.38	128	918051	115.52	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	396171	101.73	ug/l	100

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

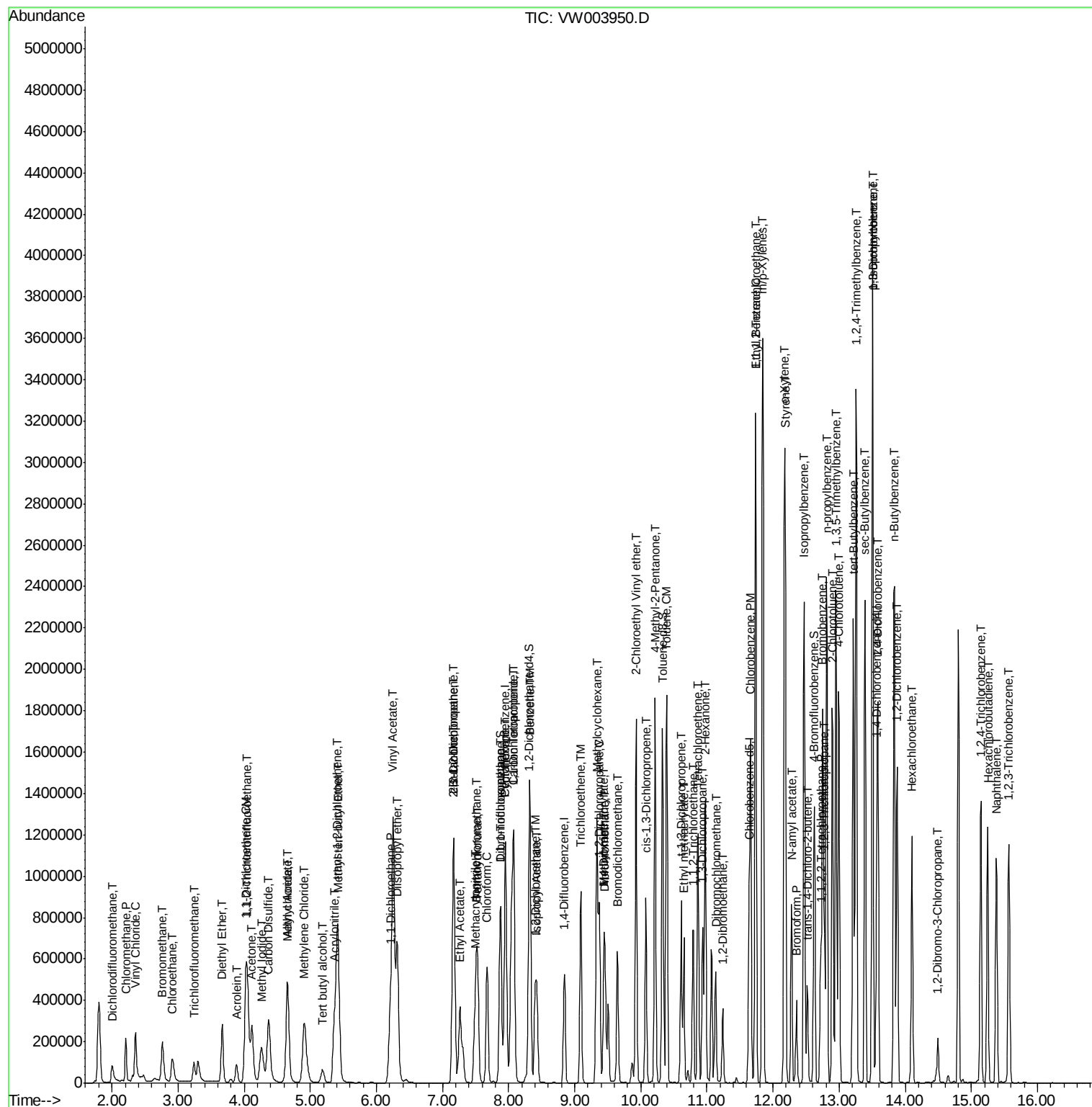
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Data File : VW003950.D
Acq On : 16 Jul 2018 14:07
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Sample : VSTDICC100
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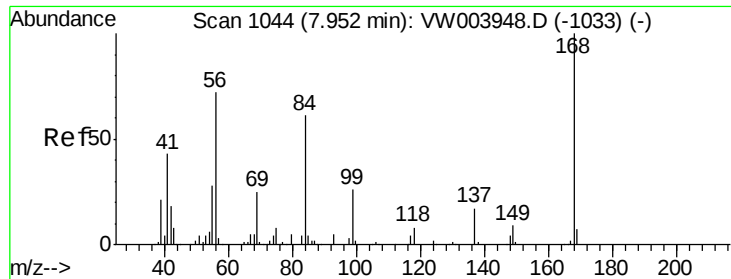
Instrument :
MSVOA_W
Client Sampled :
VSTDICC100

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 14:22:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 285883

Ion Ratio Lower Upper

168 100

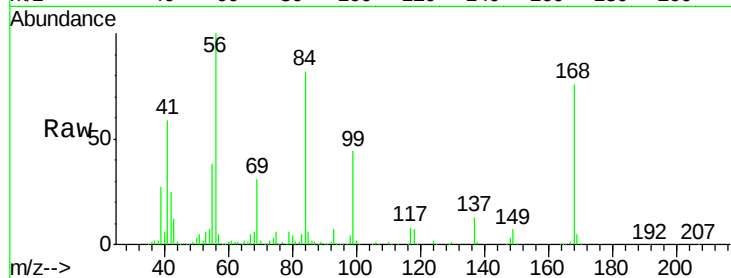
99 57.9 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

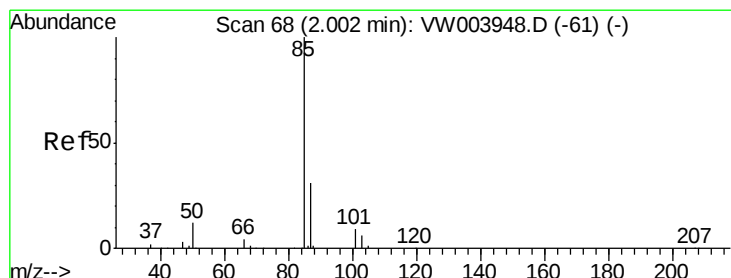
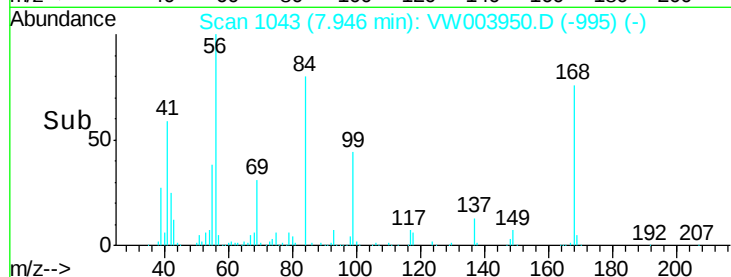
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 106.48 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003950.D

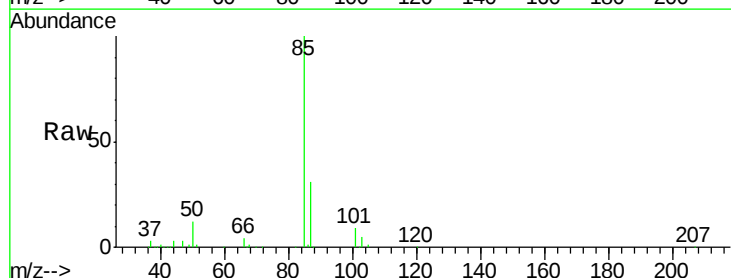
Acq: 16 Jul 2018 14:07

Tgt Ion: 85 Resp: 159462

Ion Ratio Lower Upper

85 100

87 31.4 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

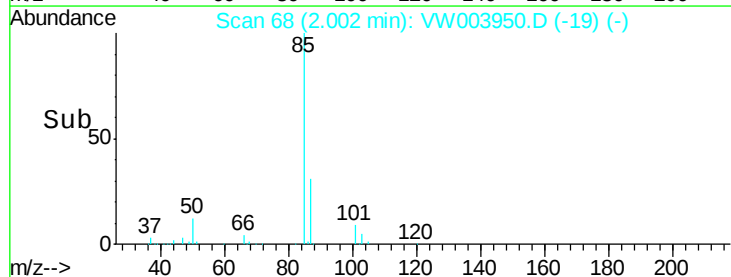
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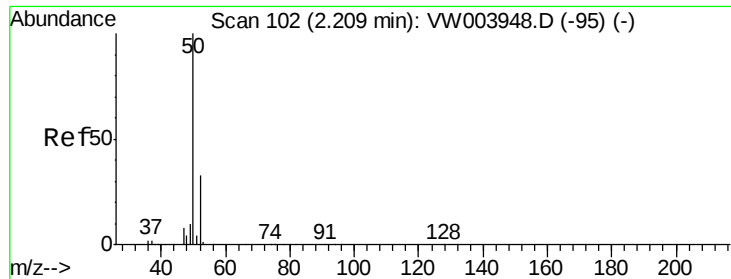
20000

10000

0

Time--> 1.80 2.00 2.20





#3

Chloromethane

Concen: 88.95 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDICC100

Tot Ion: 50 Resp: 195338

Ion Ratio Lower Upper

50 100

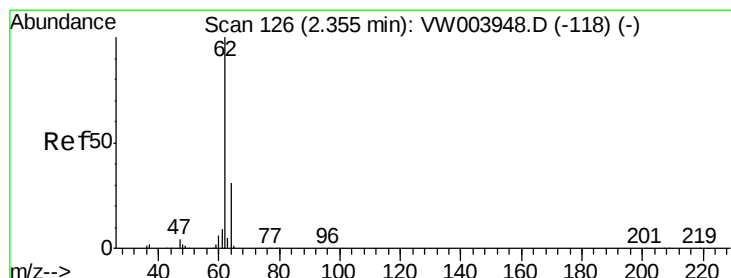
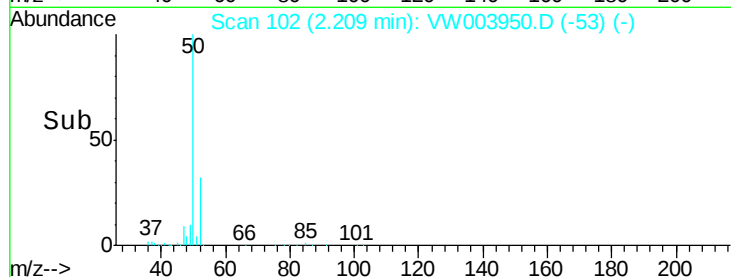
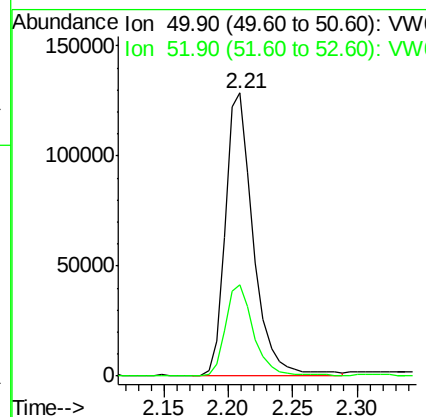
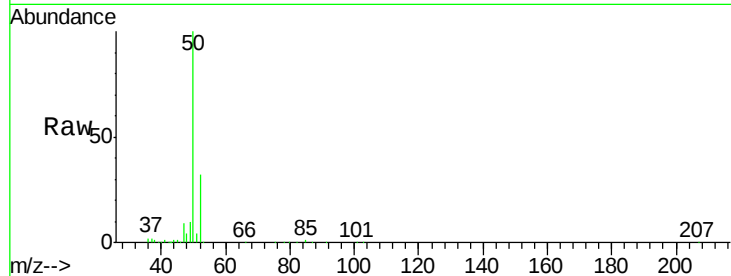
52 32.4 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 90.42 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003950.D

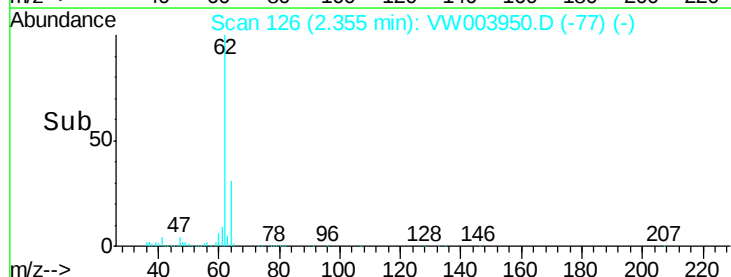
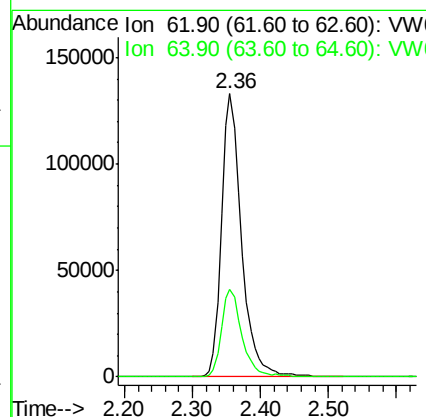
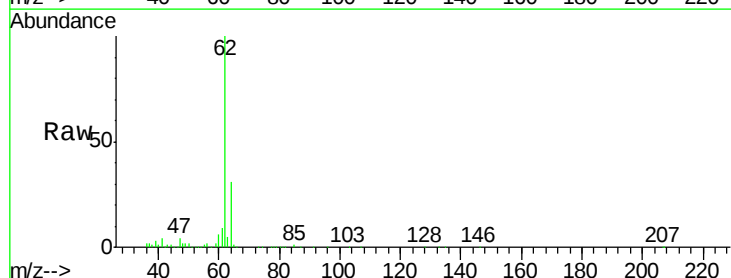
Acq: 16 Jul 2018 14:07

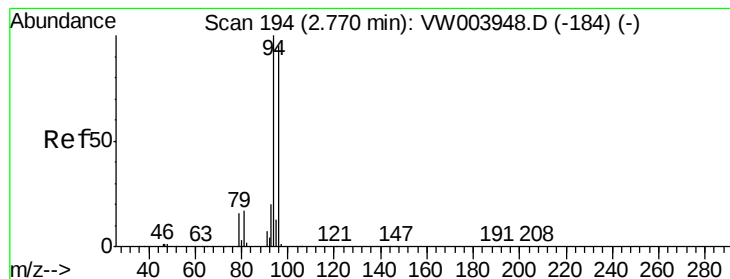
Tgt Ion: 62 Resp: 272339

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.6





#5

Bromomethane

Concen: 91.63 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 175967

Ion Ratio Lower Upper

94 100

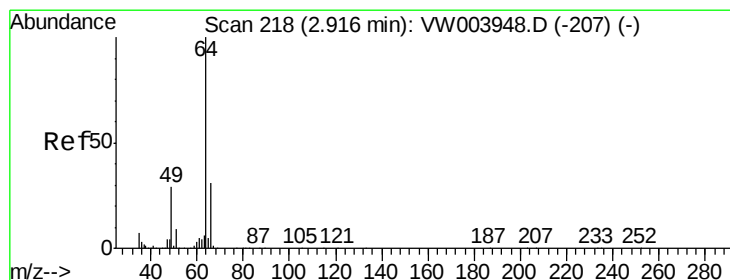
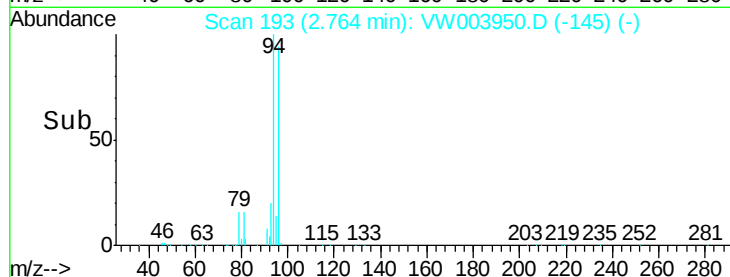
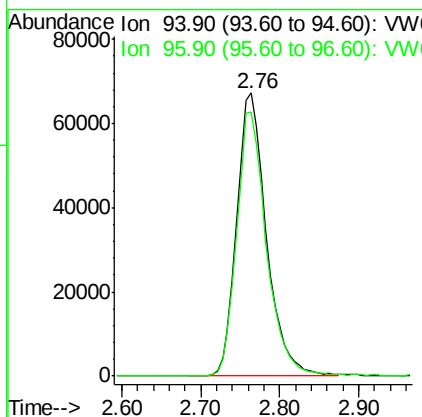
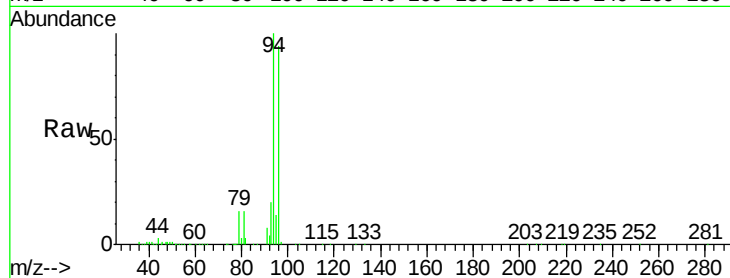
96 93.6 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 91.50 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW003950.D

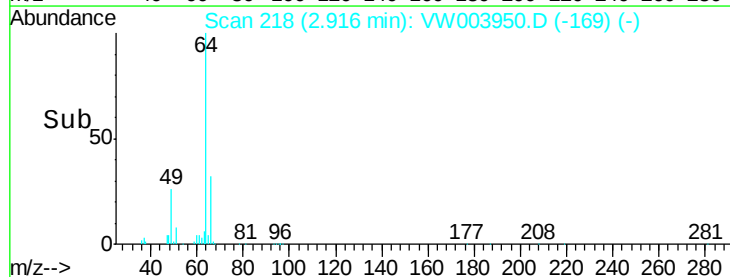
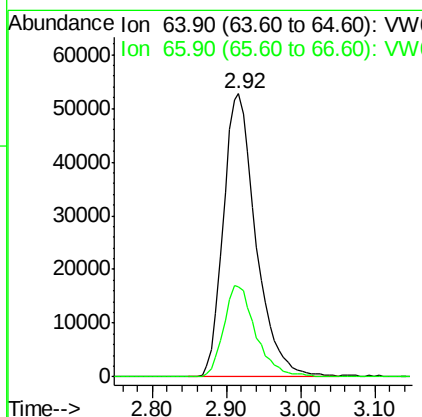
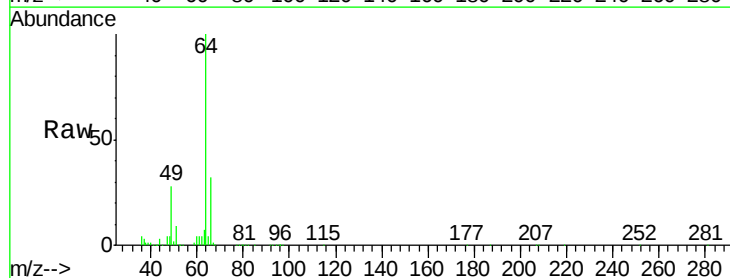
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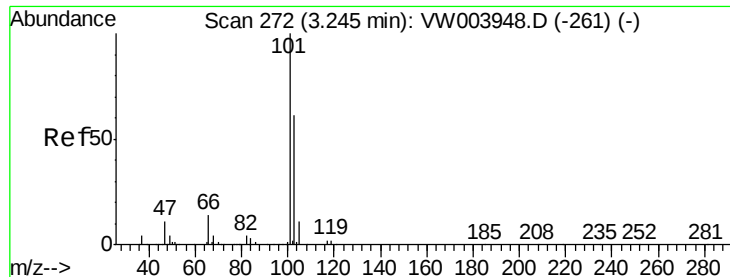
Tgt Ion: 64 Resp: 161131

Ion Ratio Lower Upper

64 100

66 31.8 24.5 36.7





#7

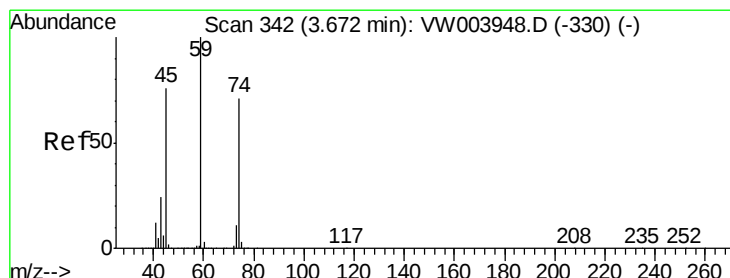
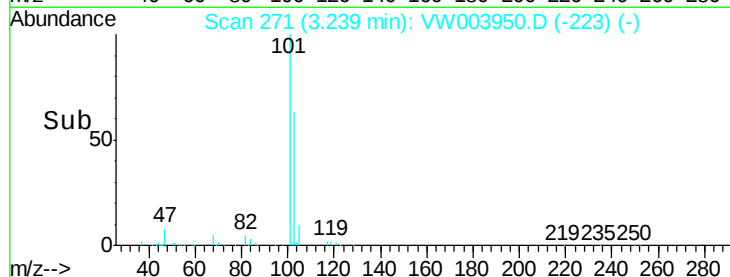
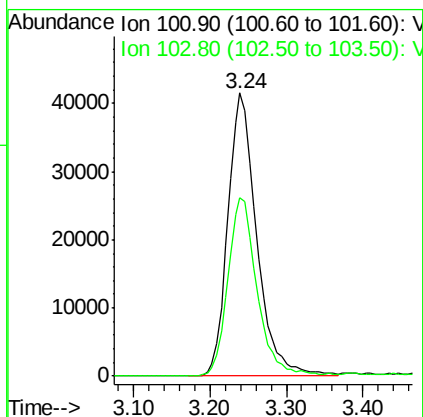
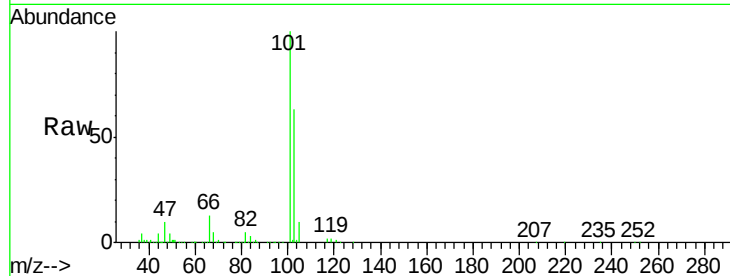
Trichlorofluoromethane
Concen: 85.11 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	49.0	73.6

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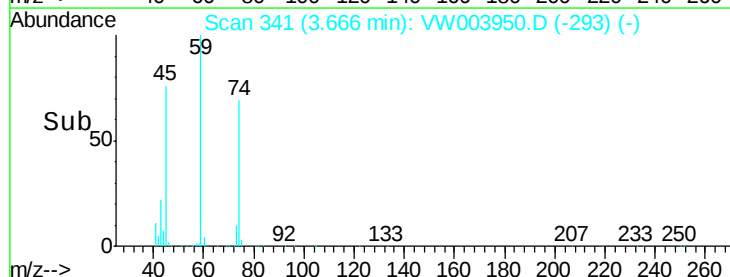
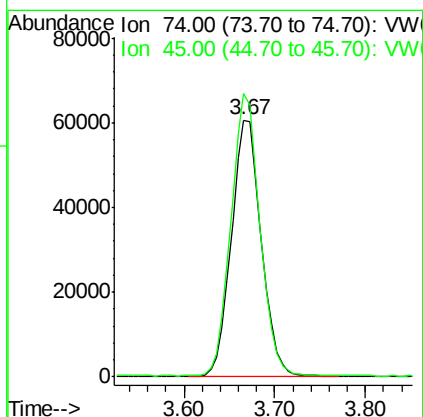
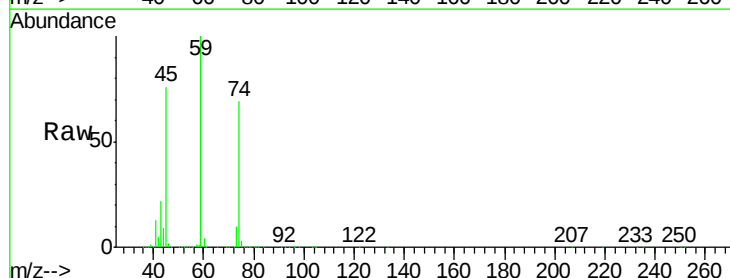
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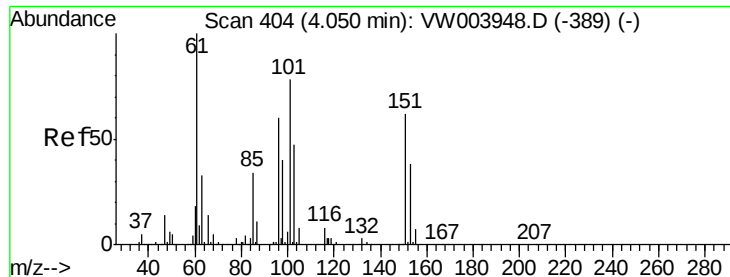


#8

Diethyl Ether
Concen: 100.40 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.8	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.41 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003950.D

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MSVOA_W

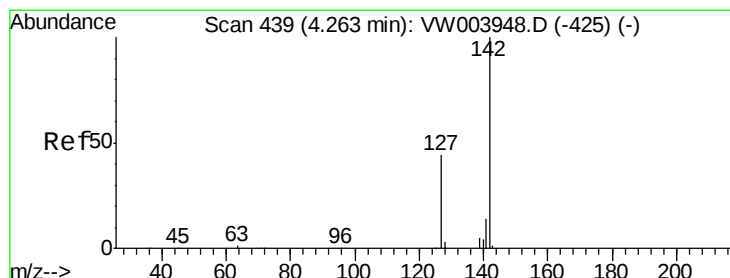
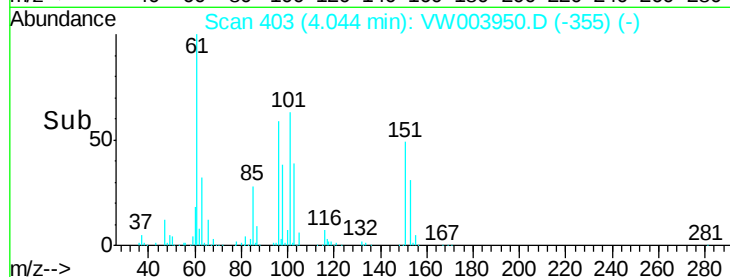
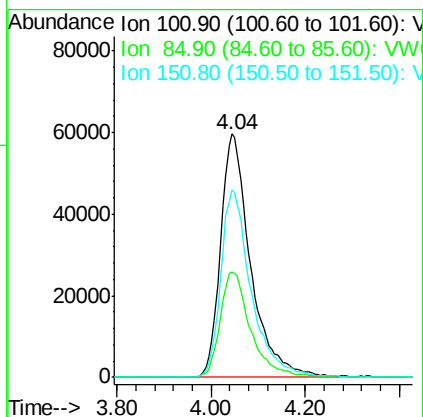
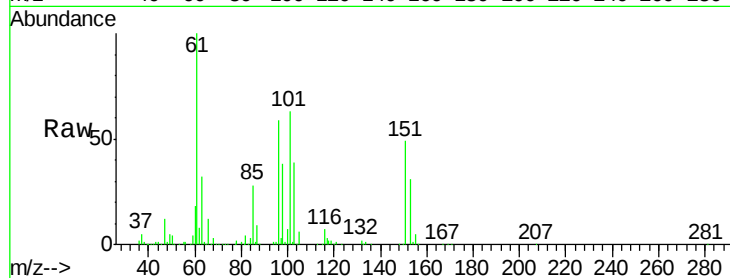
ClientSampled :

VSTDIC100

Tot Ion:	101	Resp:	263934
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.8	53.6
151	77.8	63.6	95.4

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#10

Methyl Iodide

Concen: 99.41 ug/l

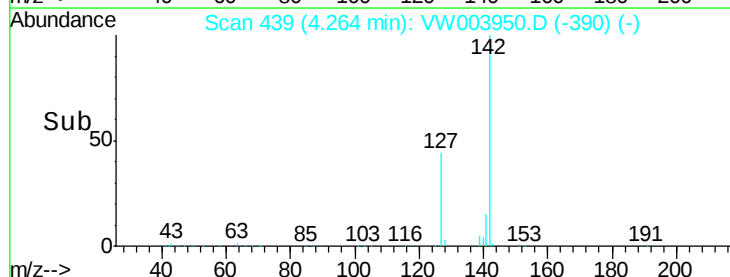
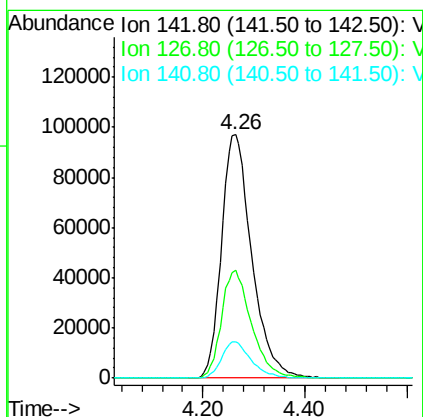
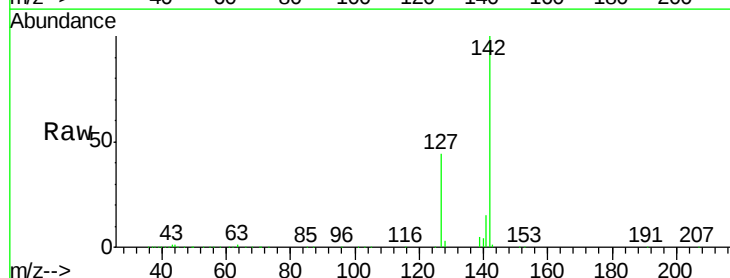
RT: 4.26 min Scan# 439

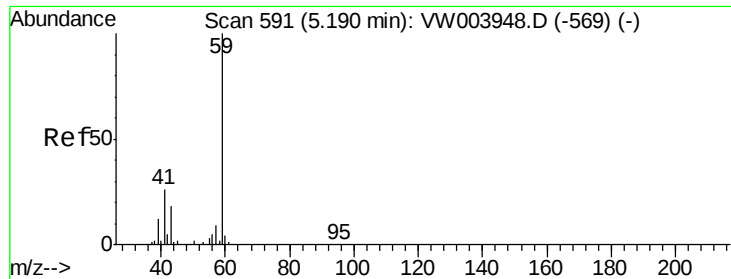
Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion:	142	Resp:	399626
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.4	53.2
141	14.7	11.7	17.5





#11

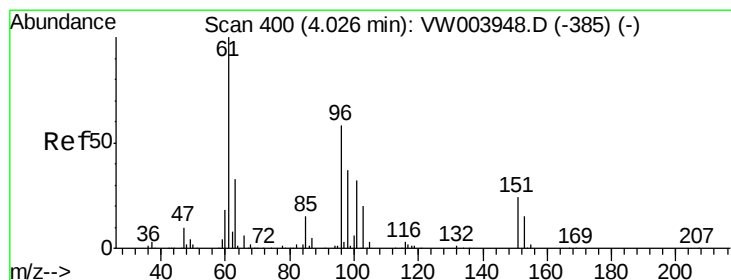
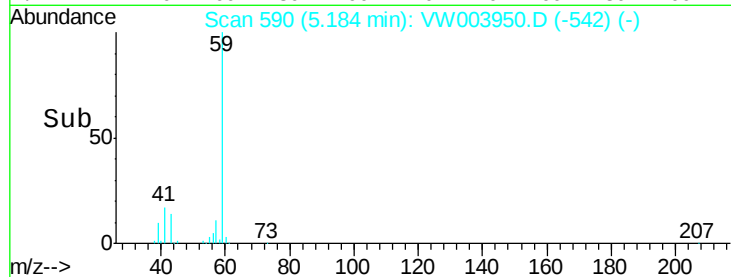
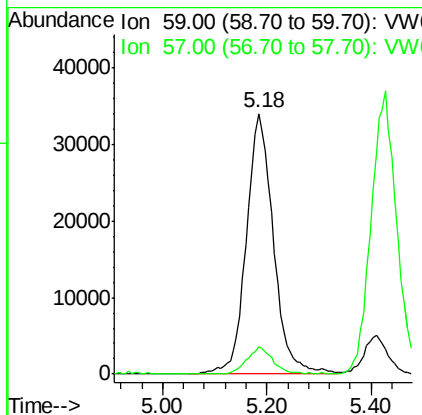
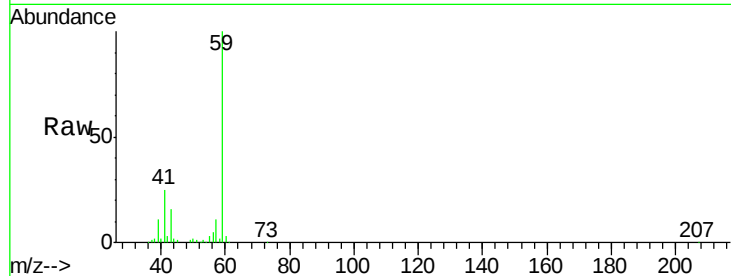
Tert butyl alcohol
 Concen: 604.02 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

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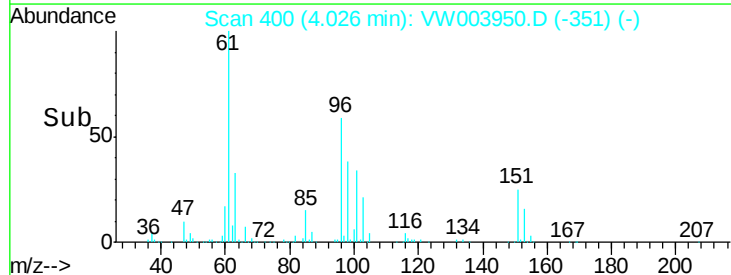
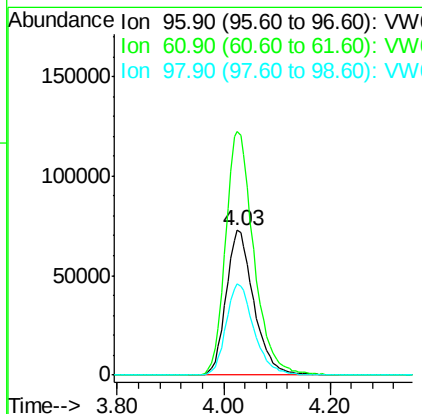
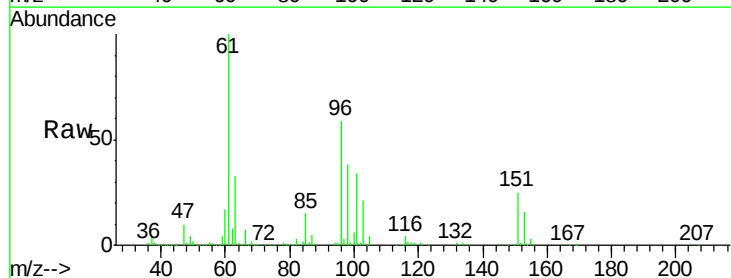
apatel
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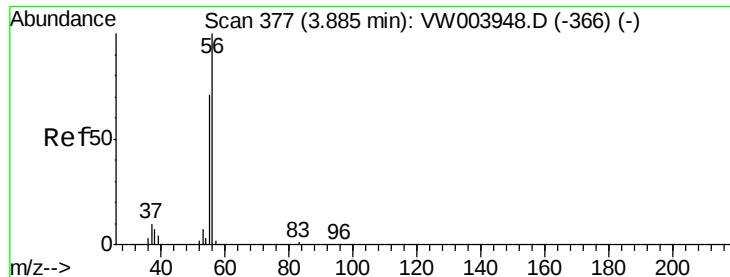


#12

1,1-Dichloroethene
 Concen: 99.72 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	137.0	205.6
98	63.4	50.2	75.4





#13

Acrolein

Concen: 487.33 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 110658

Ion Ratio Lower Upper

56 100

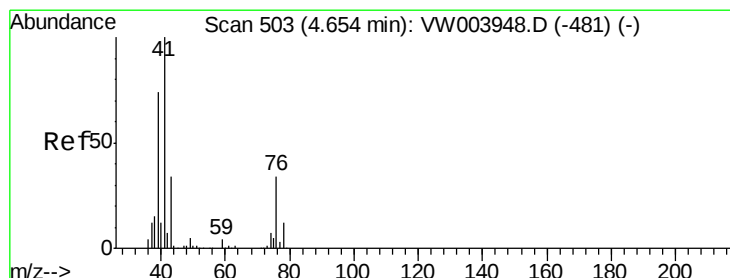
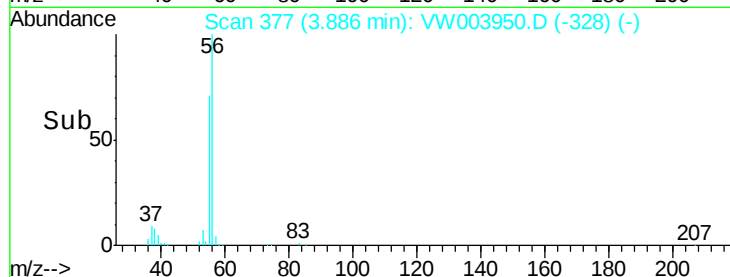
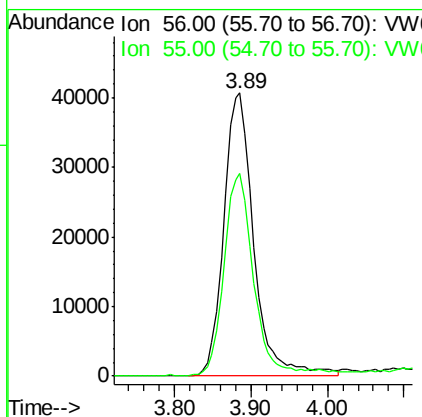
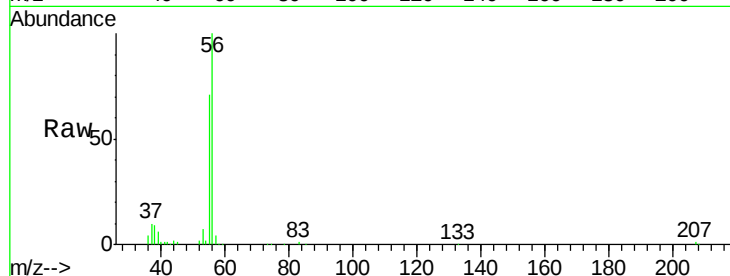
55 69.4 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 98.42 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

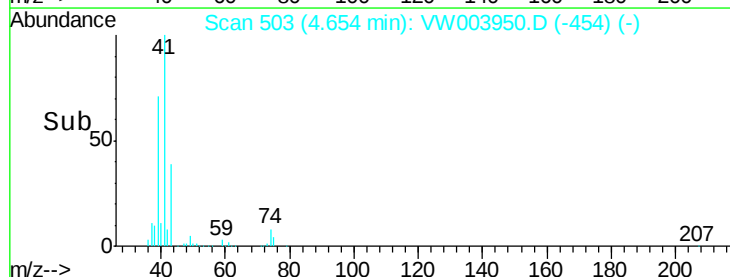
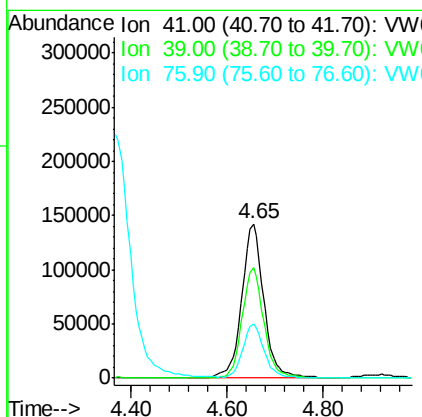
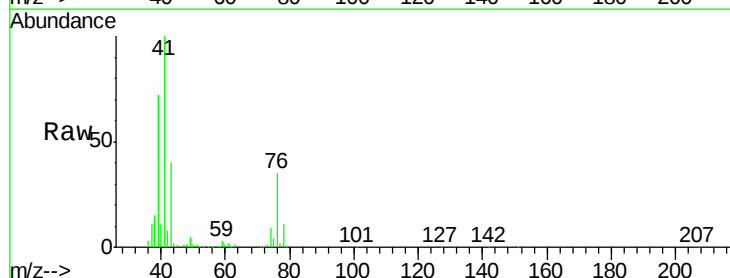
Tgt Ion: 41 Resp: 455434

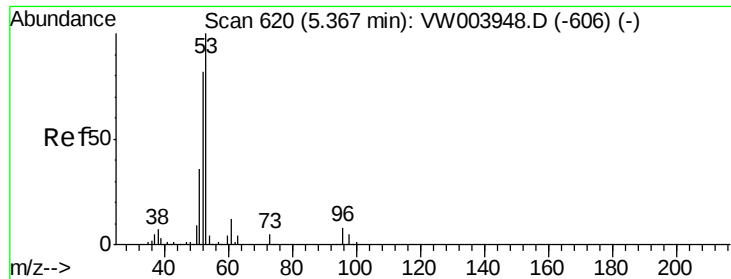
Ion Ratio Lower Upper

41 100

39 70.6 57.0 85.4

76 34.3 26.5 39.7





#15

Acrylonitrile

Concen: 553.53 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

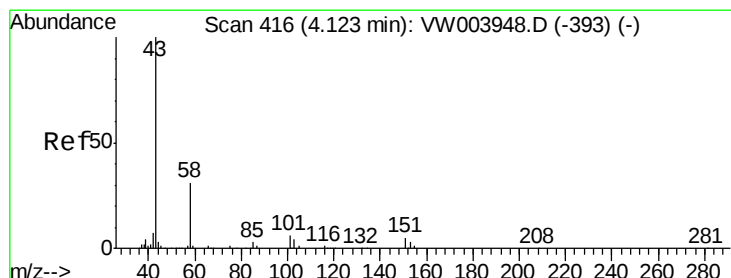
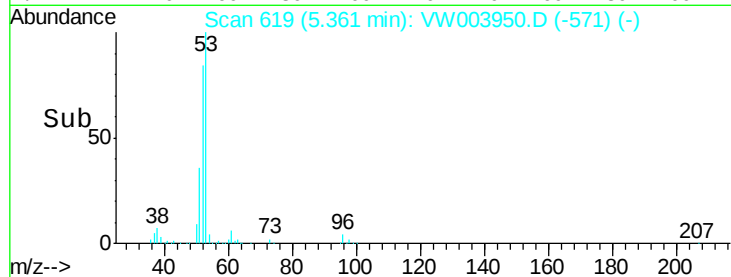
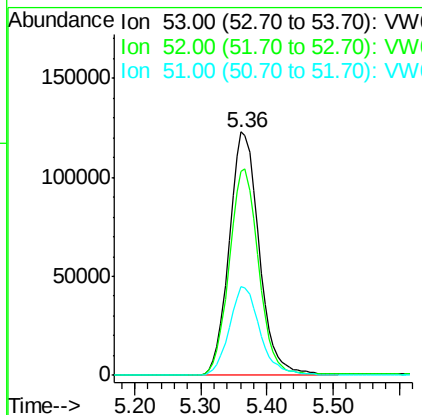
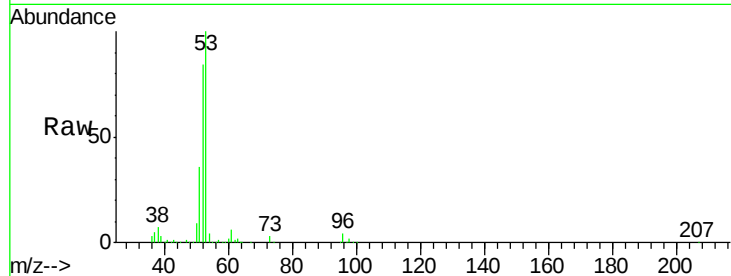
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	387792
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.1	99.1
51	37.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 535.93 ug/l

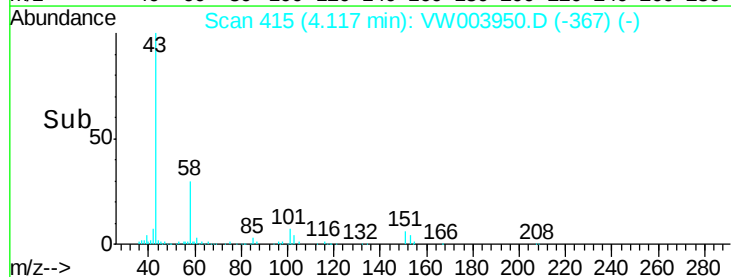
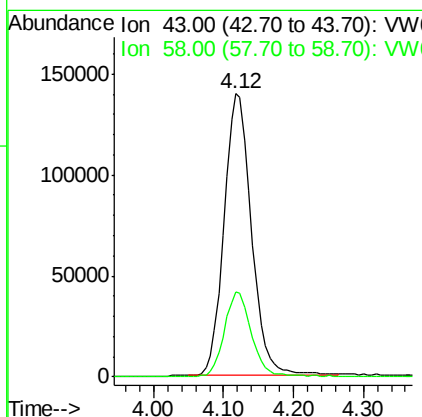
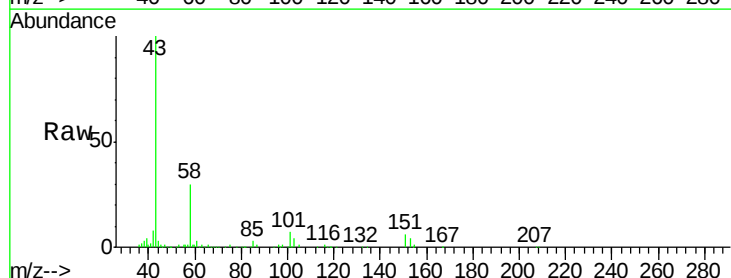
RT: 4.12 min Scan# 415

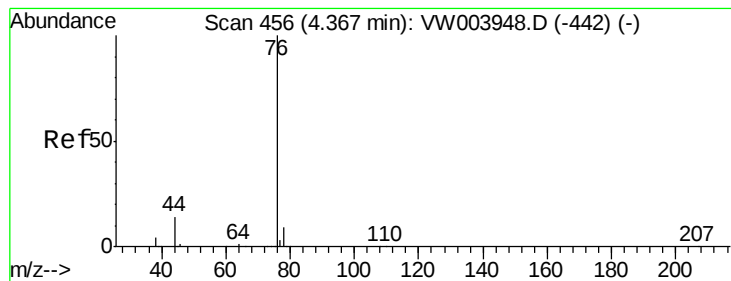
Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion:	43	Resp:	381078
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.5	36.7





#17

Carbon Disulfide

Concen: 97.37 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 837091

Ion Ratio Lower Upper

76 100

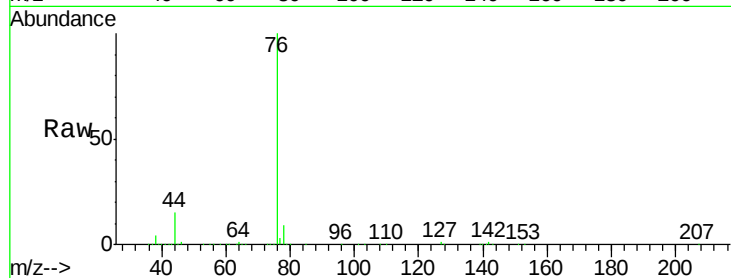
78 8.9 7.1 10.7

Manual Integrations

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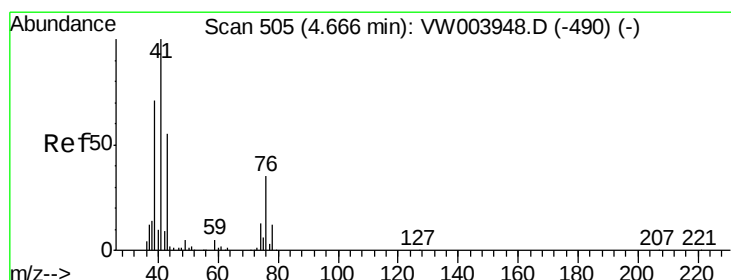
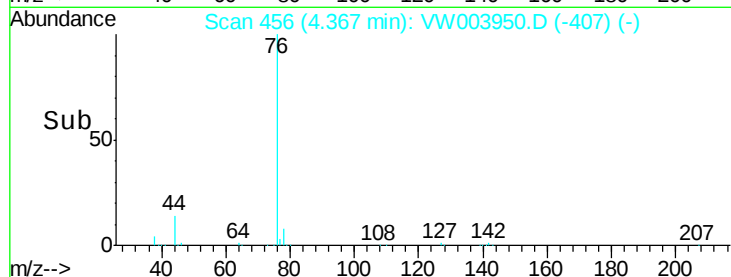
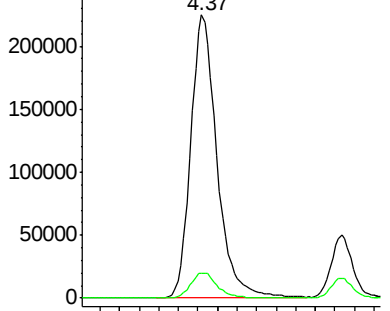
apatel

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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: 112.83 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW003950.D

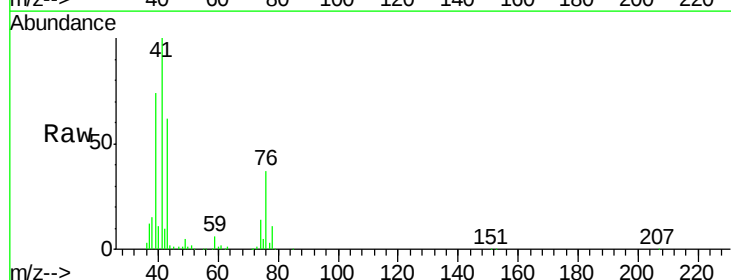
Acq: 16 Jul 2018 14:07

Tgt Ion: 43 Resp: 197751

Ion Ratio Lower Upper

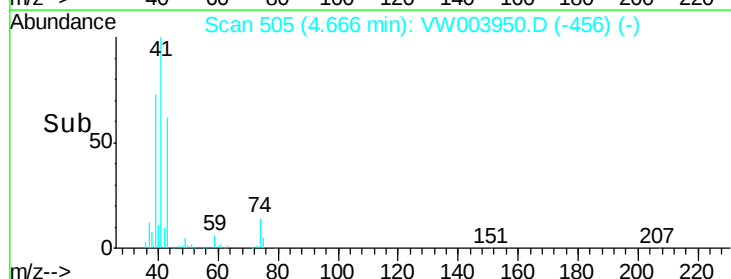
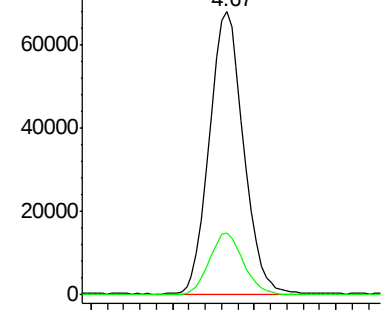
43 100

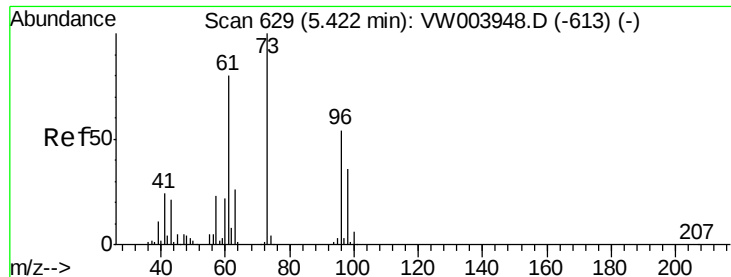
74 22.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





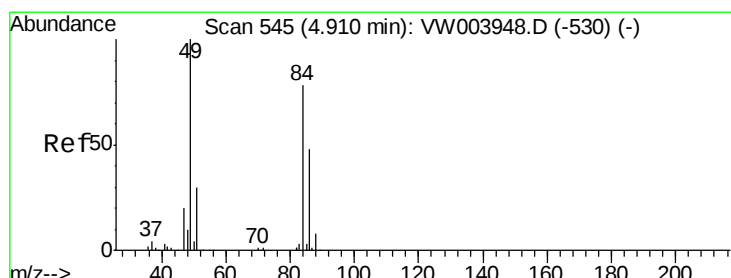
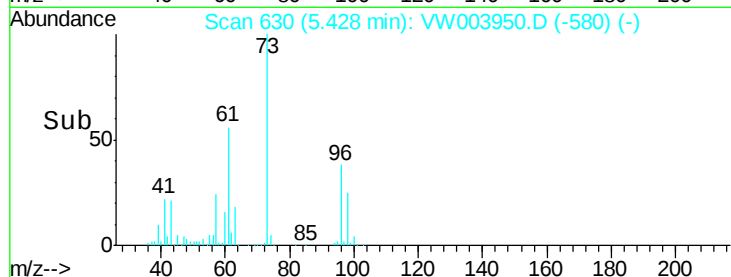
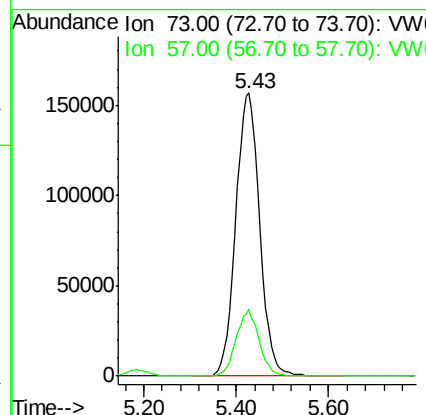
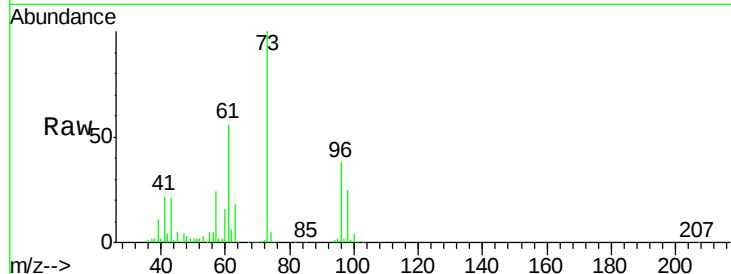
#19
Methvl tert-butvl Ether
Concen: 106.41 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 562346
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4

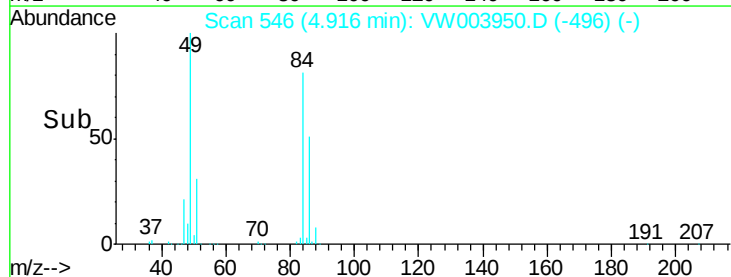
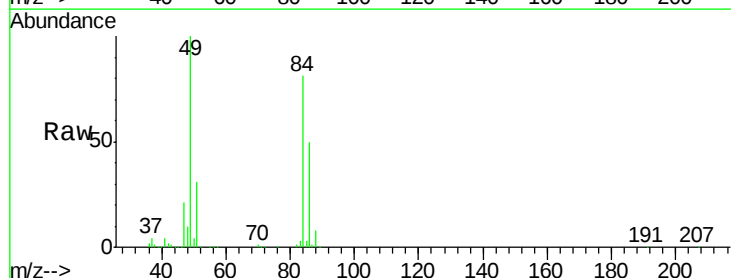
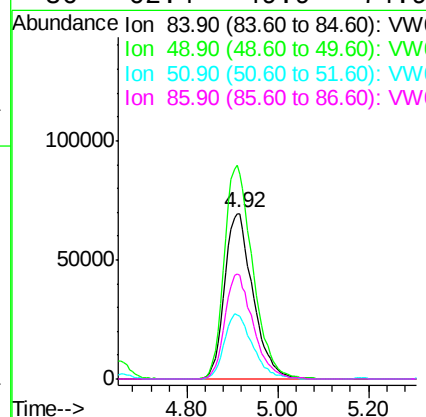
Manual Integrations
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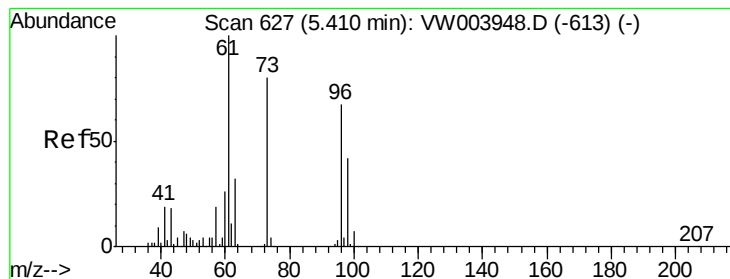
apatel
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#20
Methylene Chloride
Concen: 63.71 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 84 Resp: 302153
Ion Ratio Lower Upper
84 100
49 123.9 102.9 154.3
51 38.2 30.9 46.3
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 96.16 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

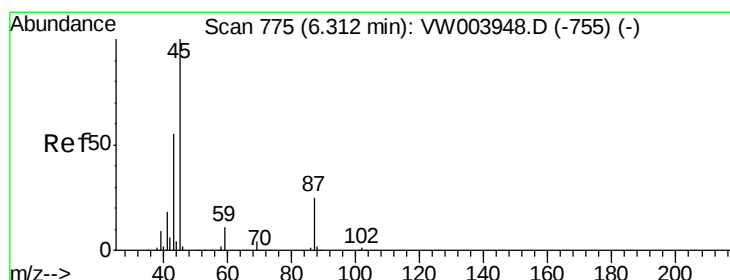
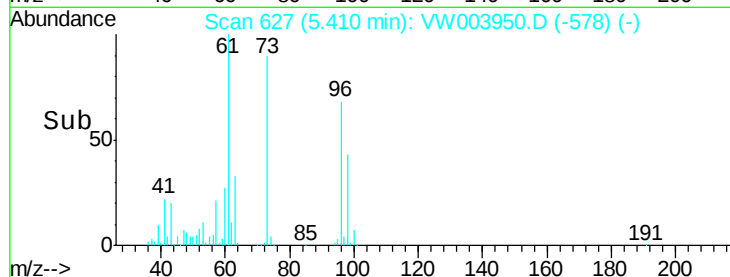
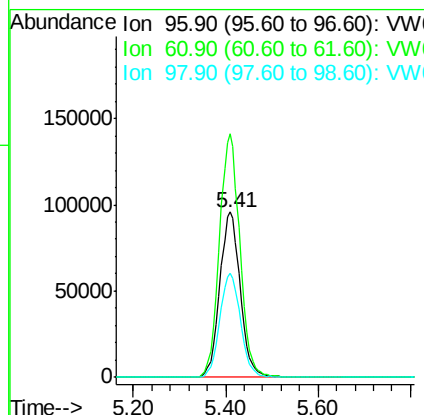
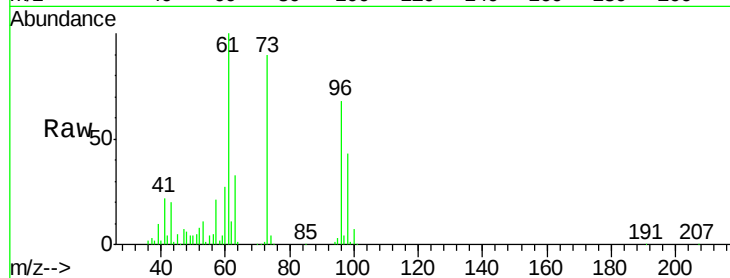
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	294357
Ion Ratio	Lower	Upper	
96	100		
61	147.4	119.0	178.4
98	63.3	49.9	74.9

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#22

Diisopropyl ether

Concen: 96.85 ug/l

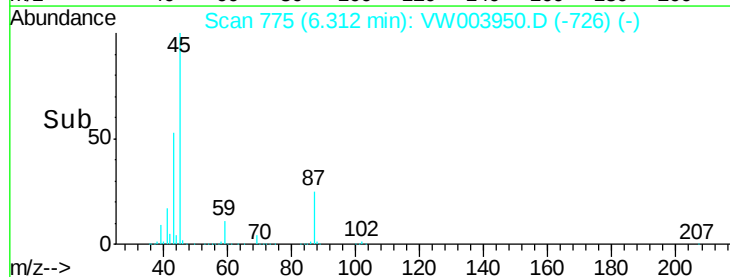
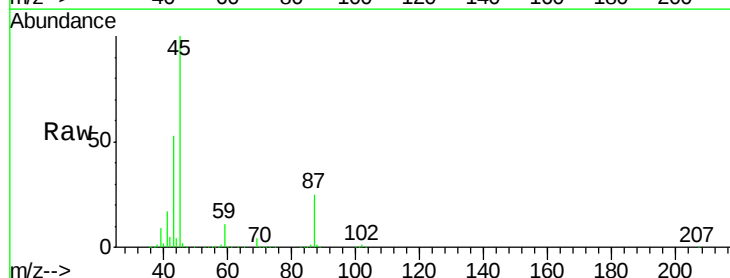
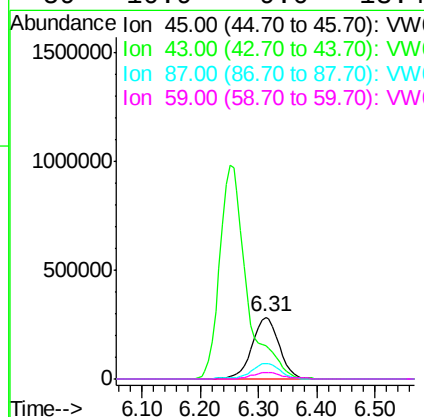
RT: 6.31 min Scan# 775

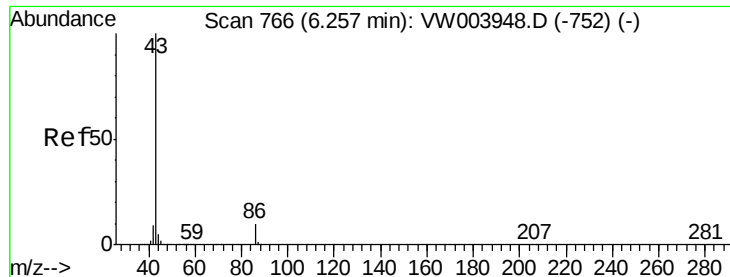
Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion:	45	Resp:	920915
Ion Ratio	Lower	Upper	
45	100		
43	52.6	44.3	66.5
87	25.2	20.2	30.4
59	10.9	9.0	13.4





#23

Vinyl Acetate

Concen: 537.93 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tot Ion: 43 Resp: 3152636

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4

Instrument :

MSVOA_W

ClientSampled :

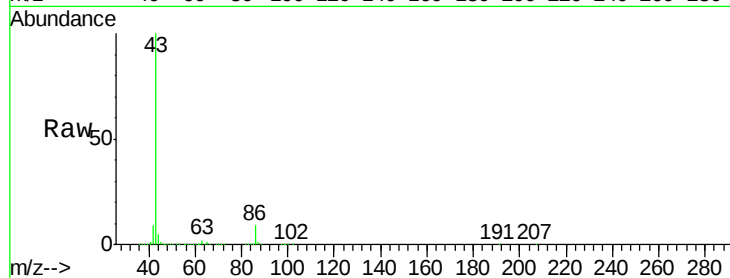
VSTDIC100

Manual Integrations

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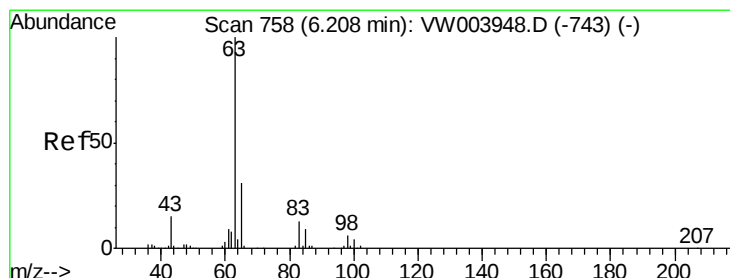
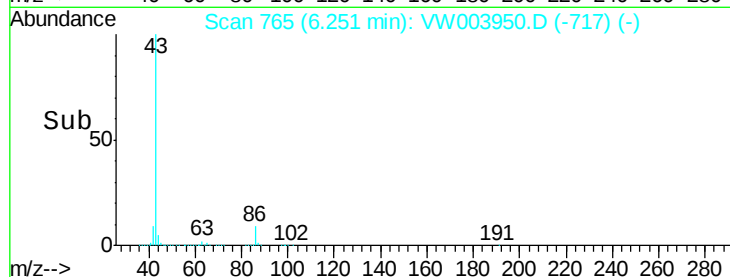
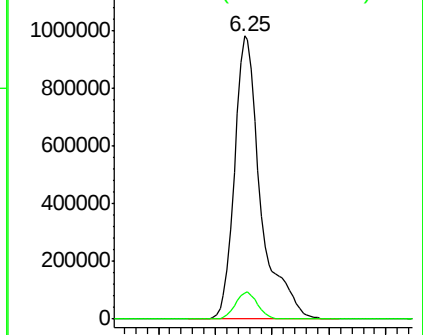
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 95.69 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

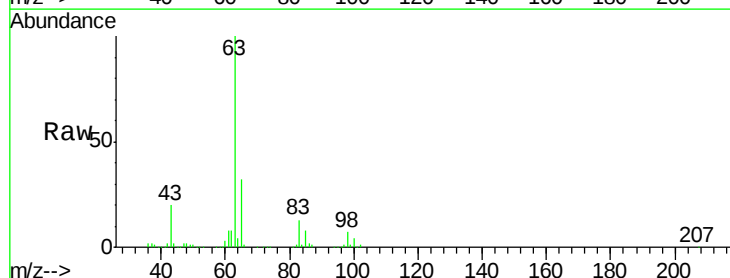
Tgt Ion: 63 Resp: 547469

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

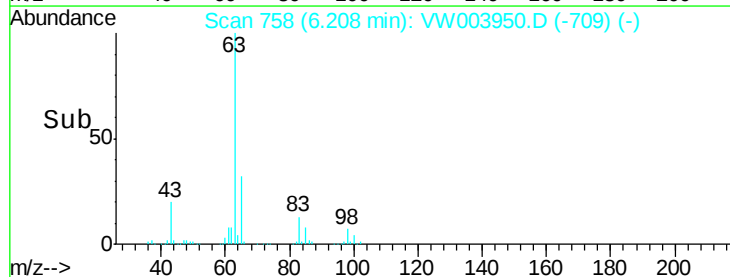
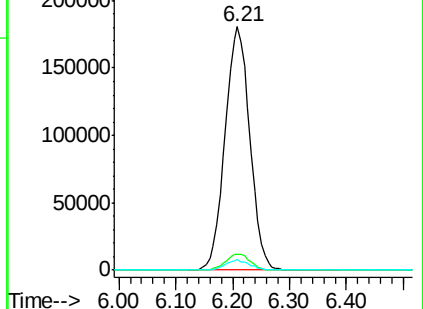
100 4.1 2.1 6.5

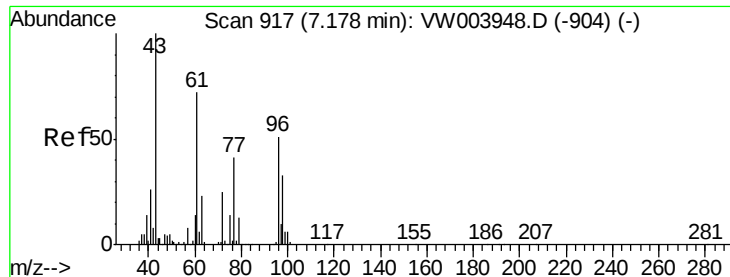


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 573.50 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 564757

Ion Ratio Lower Upper

43 100

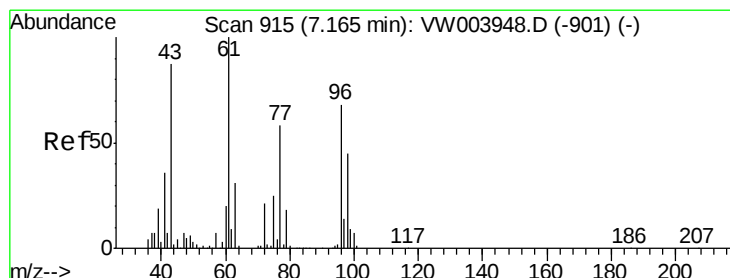
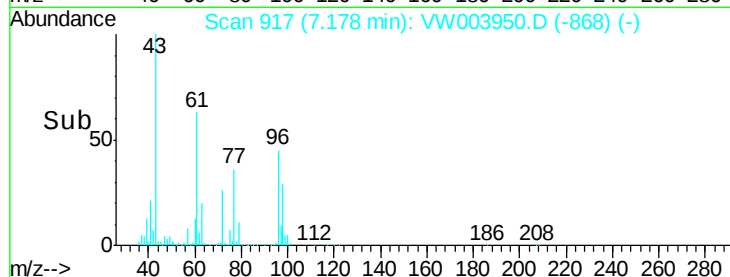
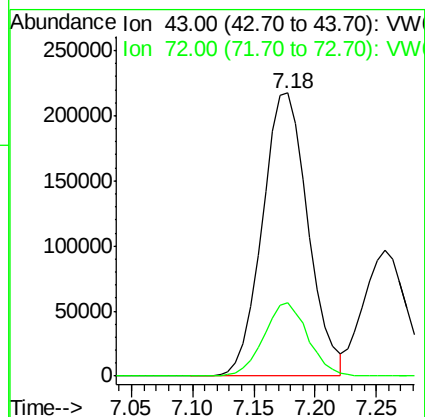
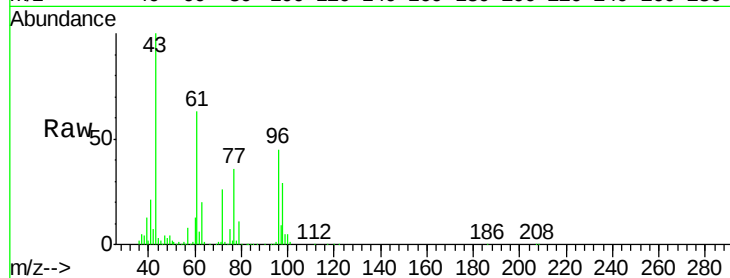
72 26.0 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 89.14 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003950.D

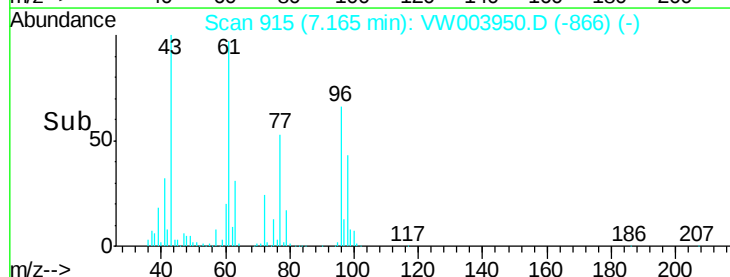
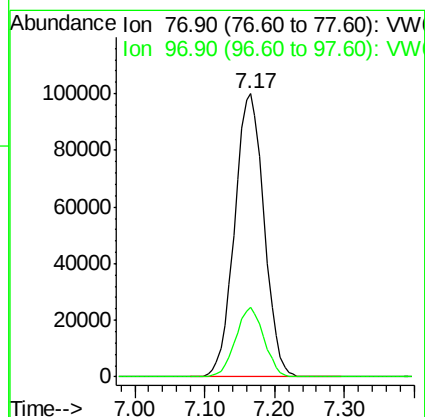
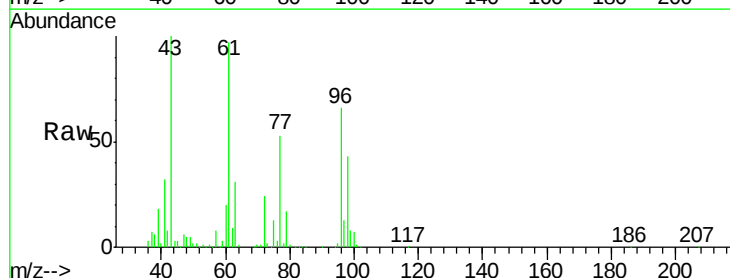
Acq: 16 Jul 2018 14:07

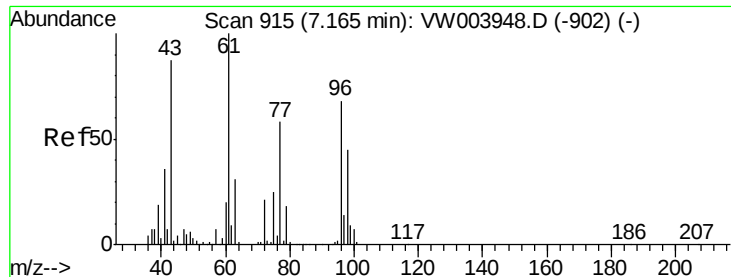
Tgt Ion: 77 Resp: 291944

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 97.54 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

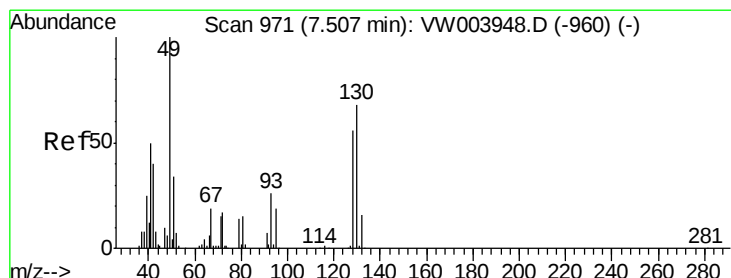
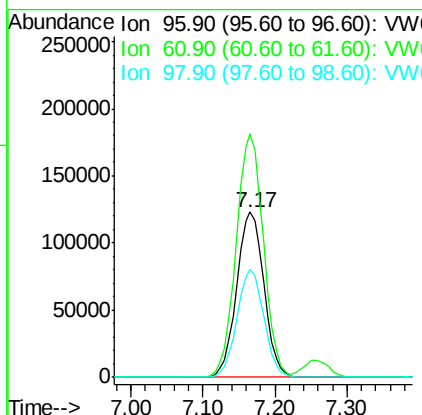
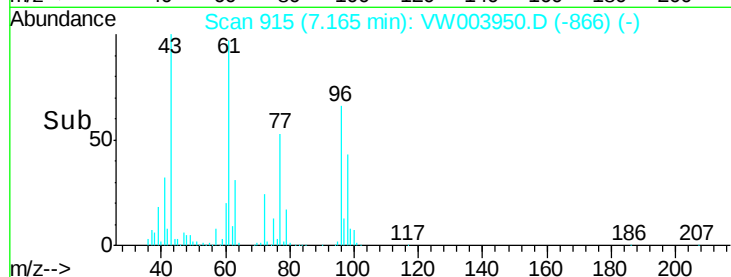
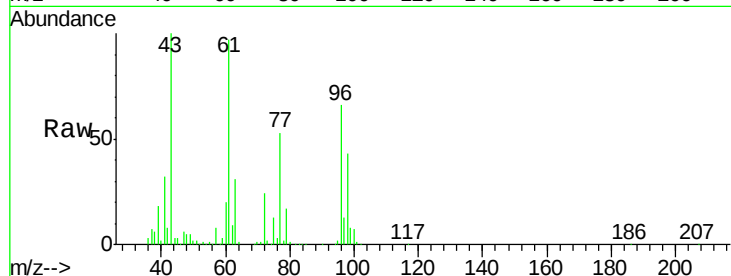
ClientSampled :

VSTDIC100

Tot Ion:	96	Resp:	322726
Ion Ratio	Lower	Upper	
96	100		
61	147.1	0.0	298.6
98	64.5	0.0	130.4

Manual Integrations
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#28

Bromochloromethane

Concen: 87.01 ug/l

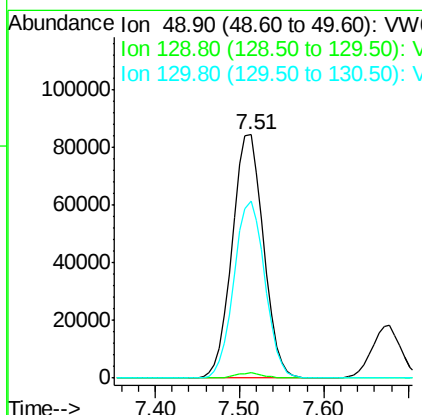
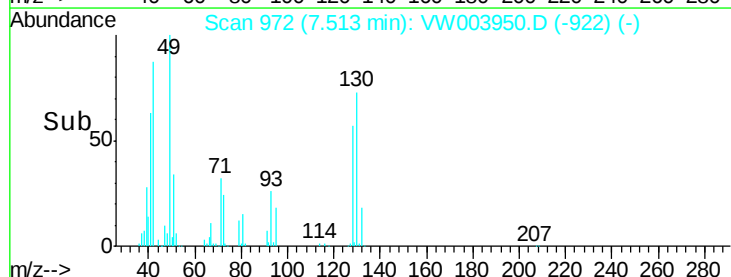
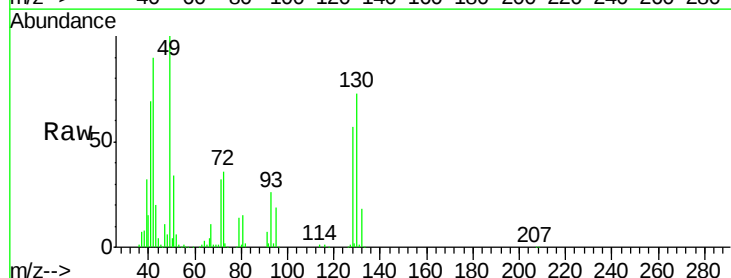
RT: 7.51 min Scan# 972

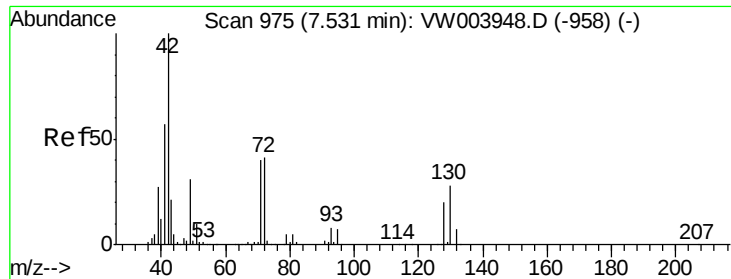
Delta R.T. 0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion:	49	Resp:	212130
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	2.2
130	72.0	58.3	87.5





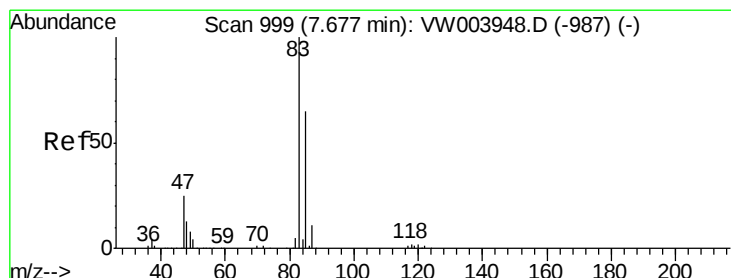
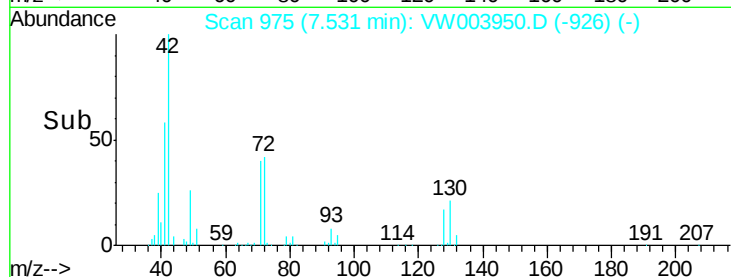
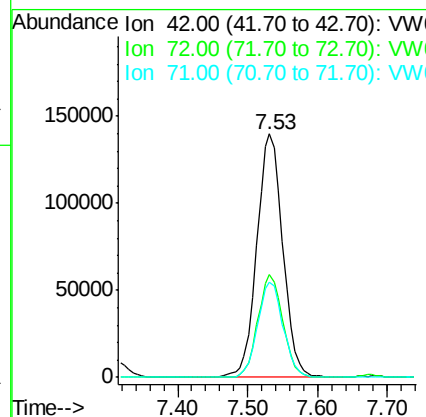
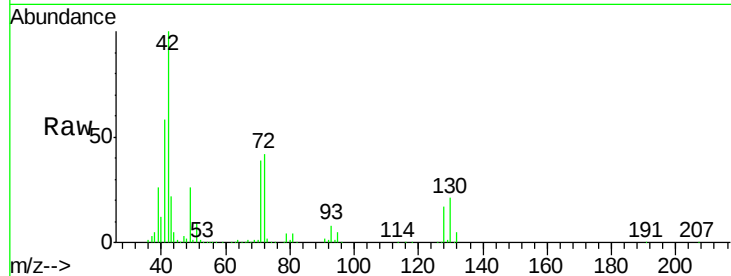
#29
Tetrahydrofuran
Concen: 581.11 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.6	48.8
71	38.5	30.5	45.7

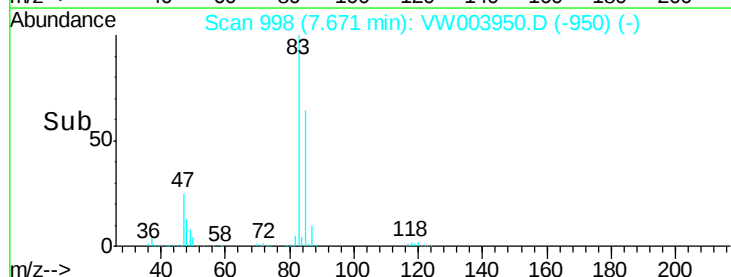
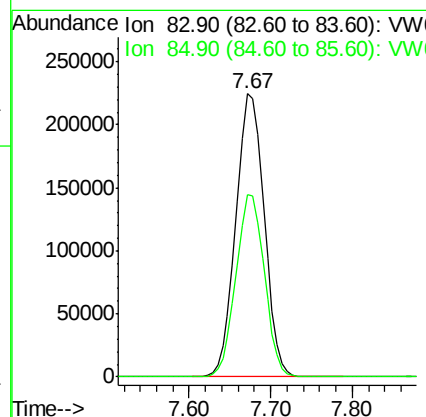
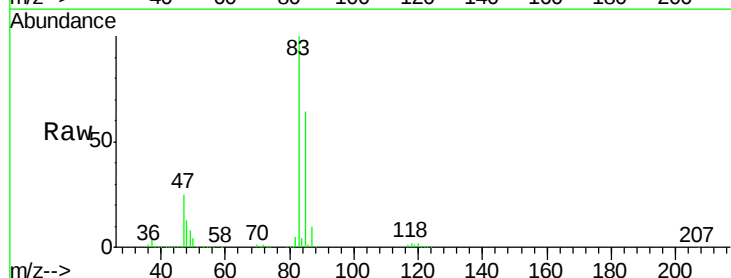
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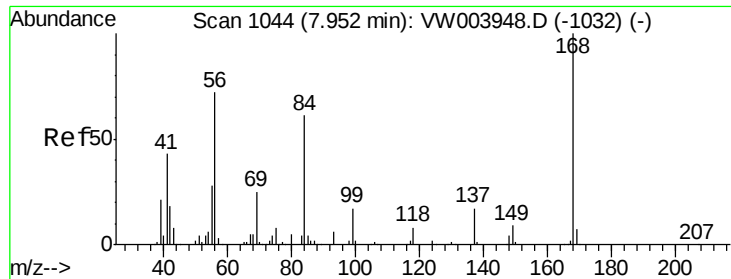
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#30
Chloroform
Concen: 94.60 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4





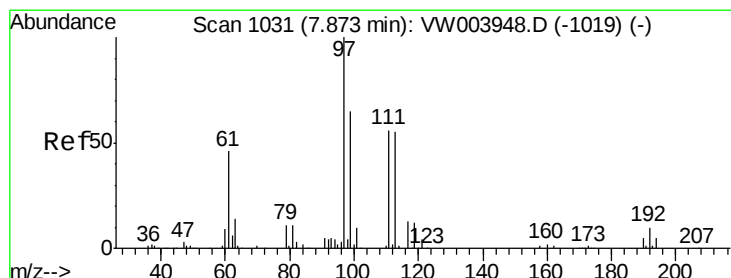
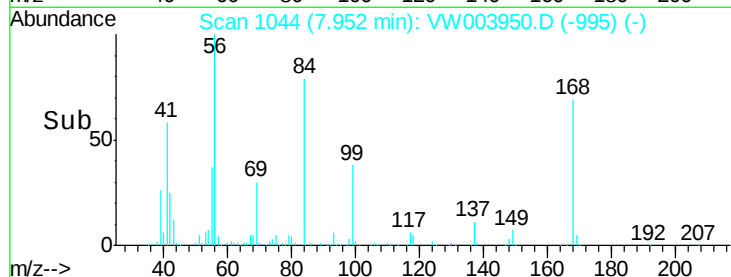
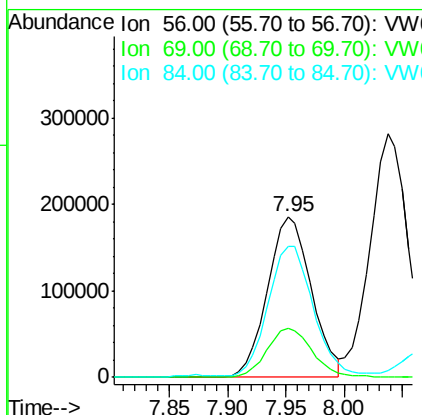
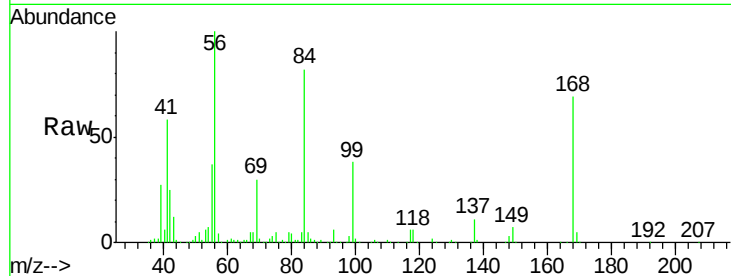
#31
Cyclohexane
Concen: 91.38 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	27.8	41.8
84	80.2	67.2	100.8

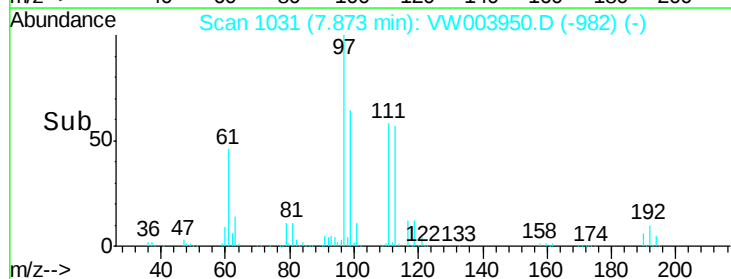
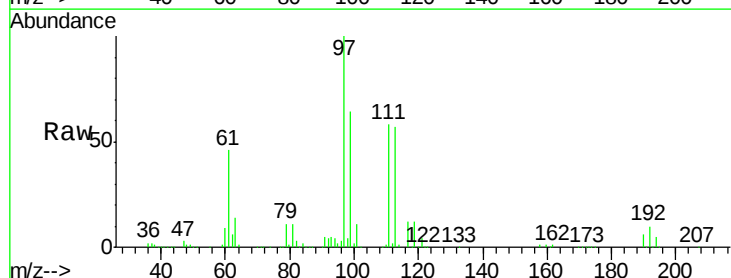
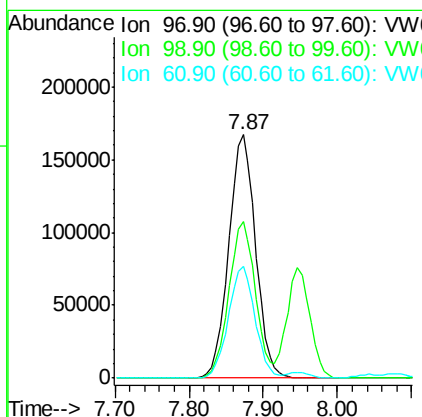
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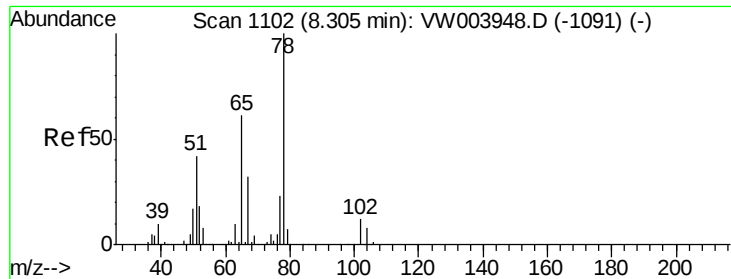
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#32
1,1,1-Trichloroethane
Concen: 94.69 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	45.4	36.8	55.2





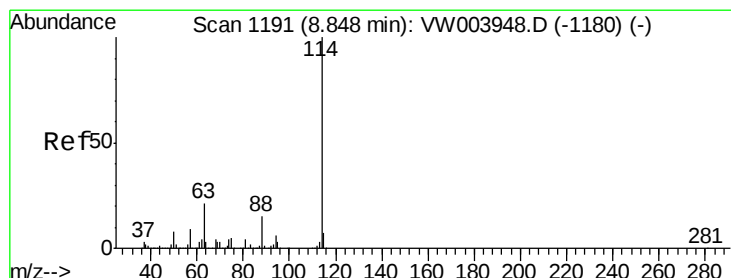
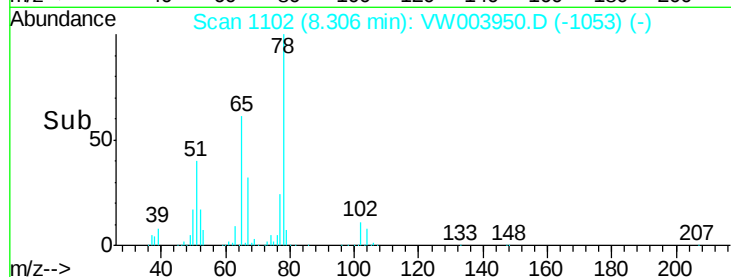
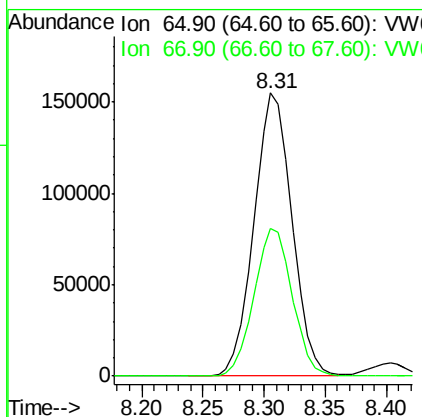
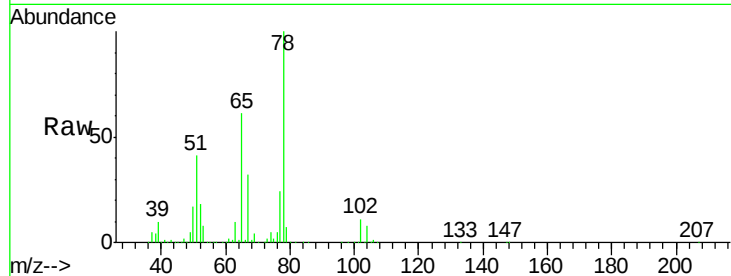
#33
 1,2-Dichloroethane-d4
 Concen: 103.46 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	335261		
67	52.6	0.0	105.0	

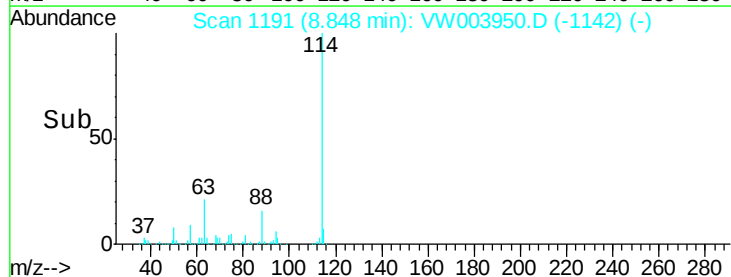
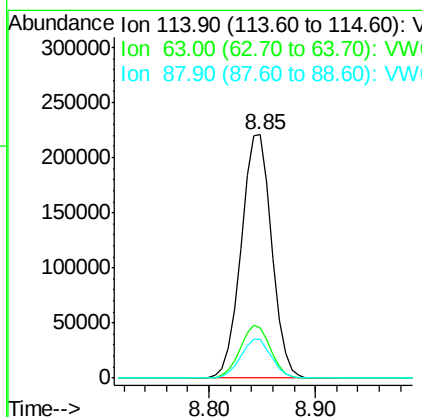
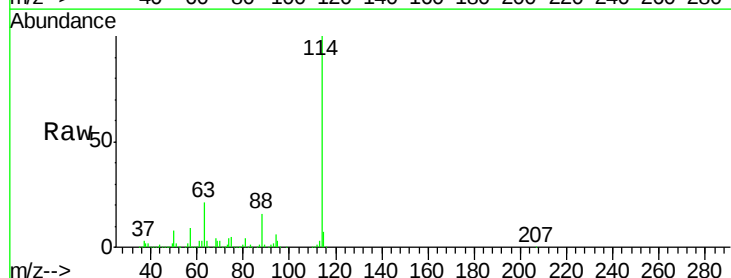
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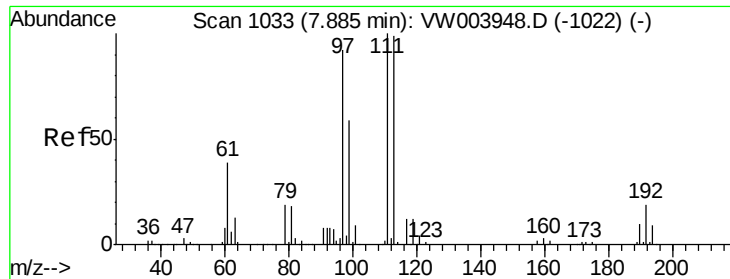
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	445651		
63	20.9	0.0	42.8	
88	15.8	0.0	30.4	





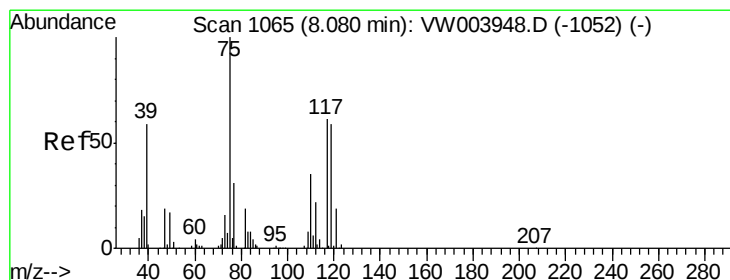
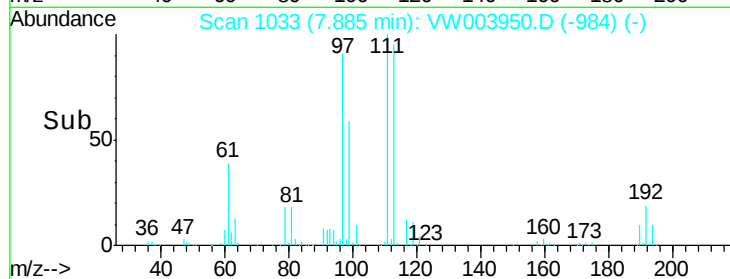
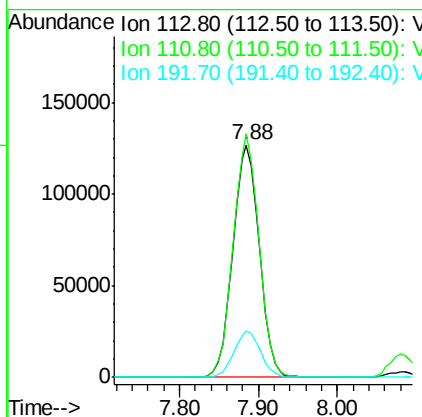
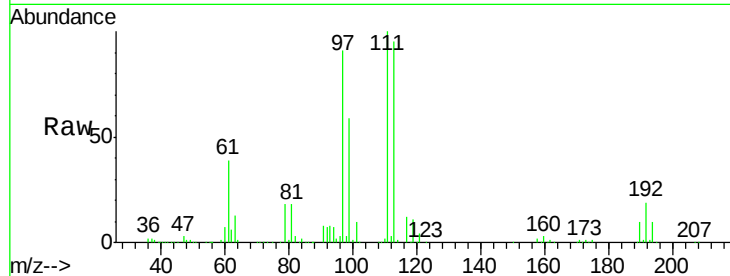
#35
 Dibromofluoromethane
 Concen: 102.32 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	294991		
111	102.4	81.3	121.9	
192	19.9	15.8	23.6	

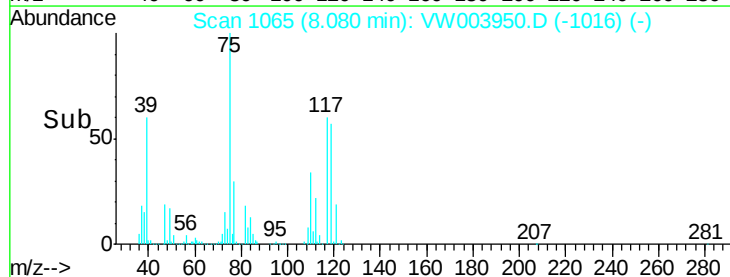
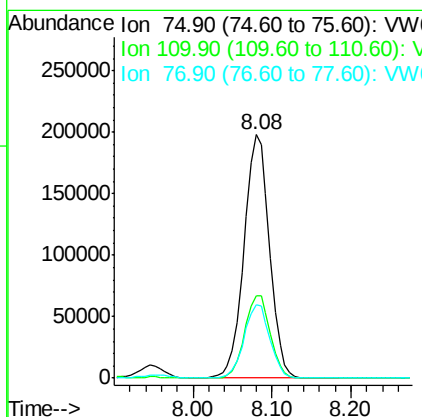
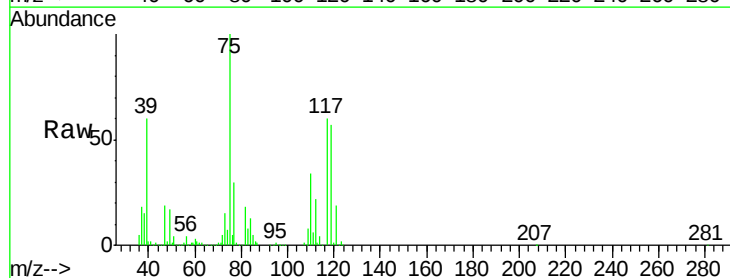
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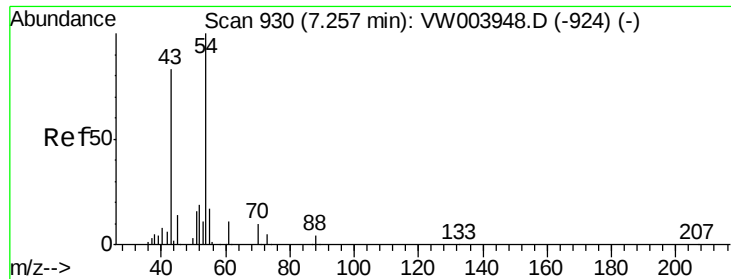
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#36
 1,1-Dichloropropene
 Concen: 96.27 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	442933		
110	34.2	17.0	51.0	
77	30.4	24.9	37.3	





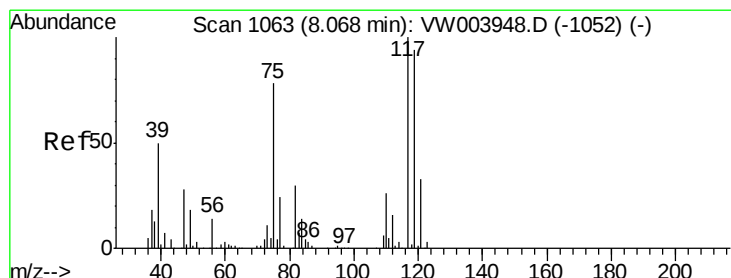
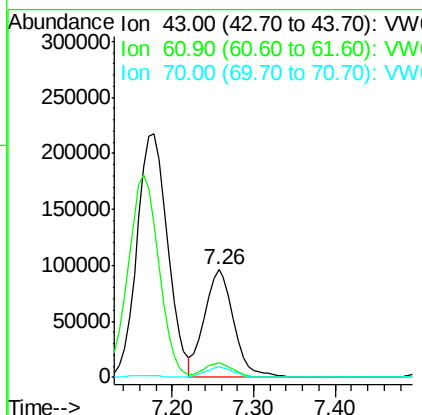
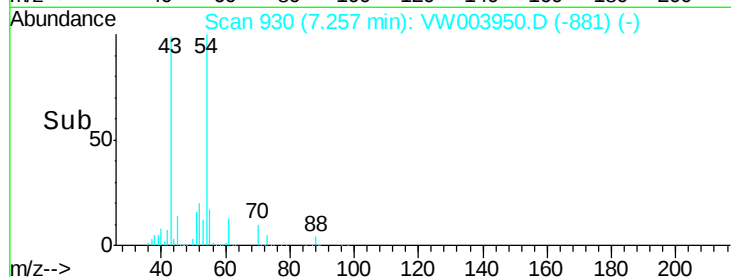
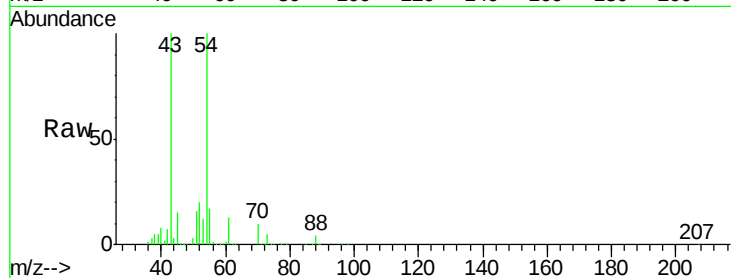
#37
Ethyl Acetate
Concen: 113.28 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	9.4	7.7	11.5

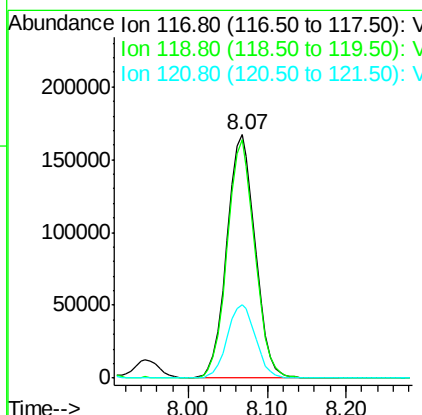
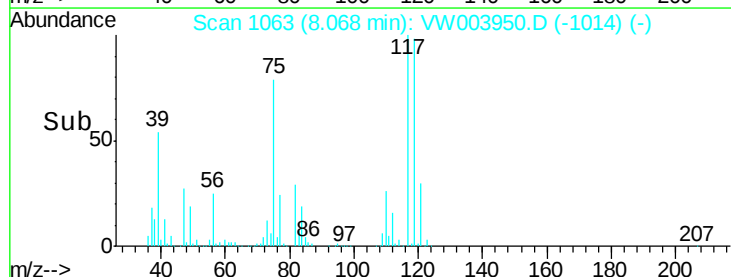
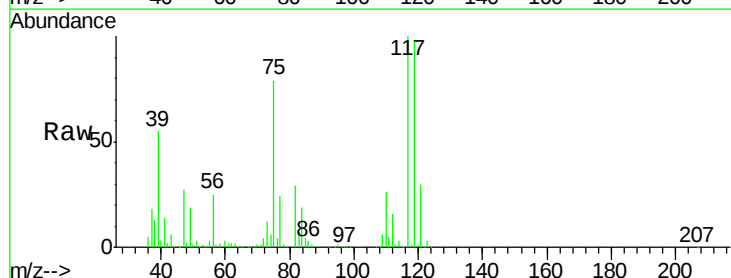
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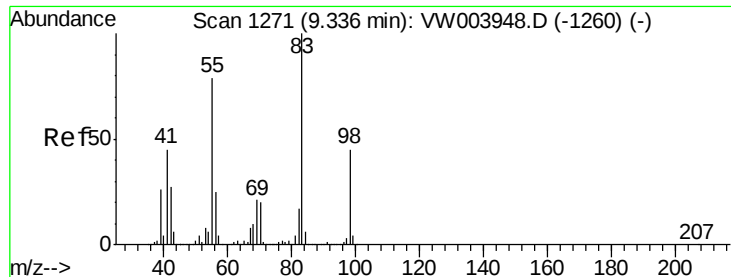
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#38
Carbon Tetrachloride
Concen: 97.05 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.3	112.9
121	30.2	26.0	39.0





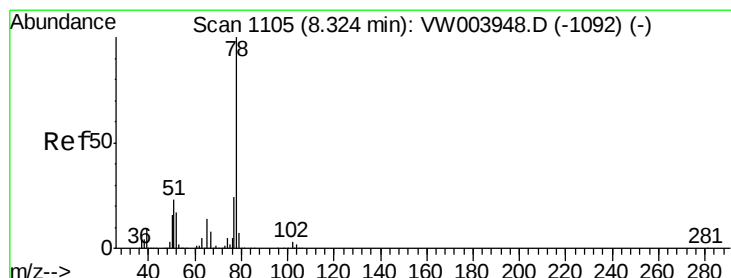
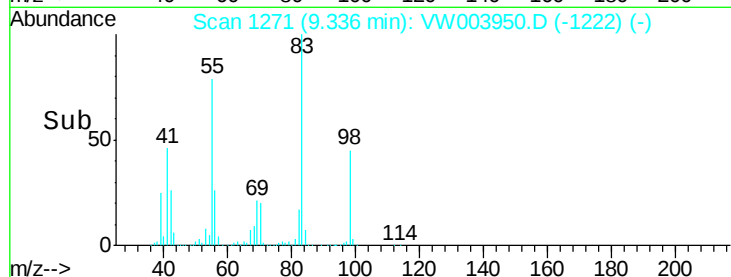
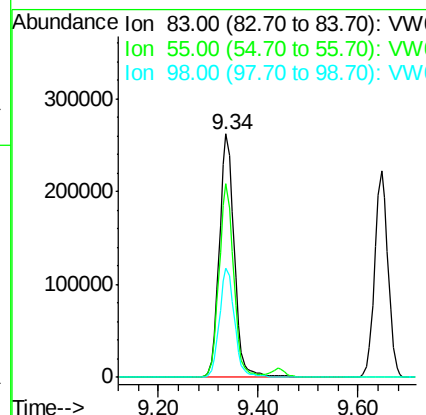
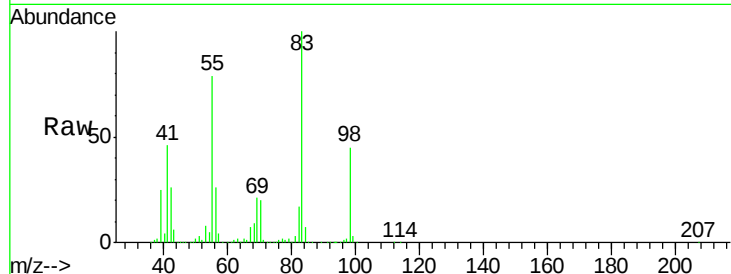
#39
Methvlcvclohexane
Concen: 103.61 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	62.8	94.2
98	45.1	36.2	54.4

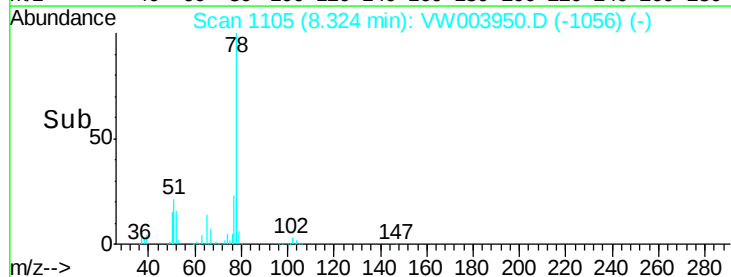
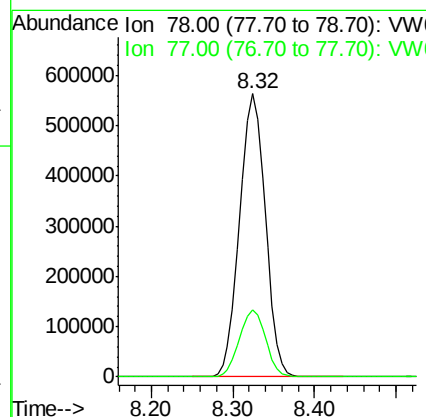
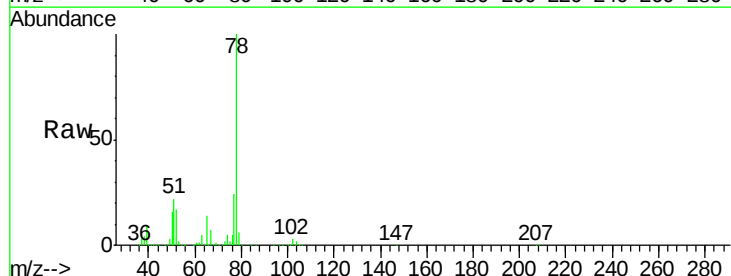
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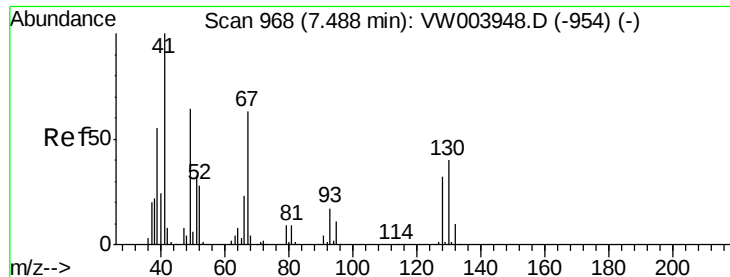
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#40
Benzene
Concen: 95.90 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





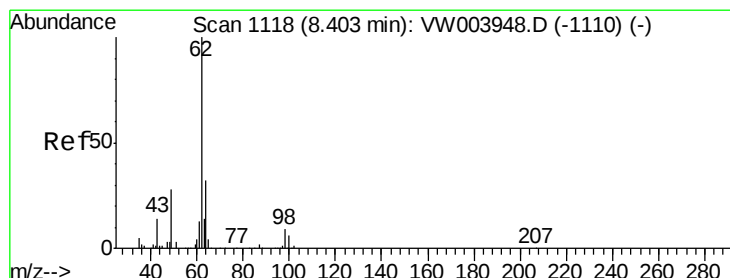
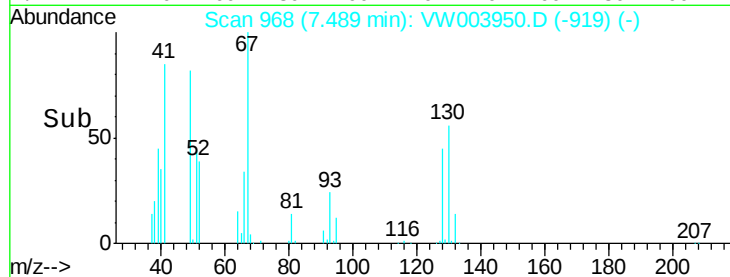
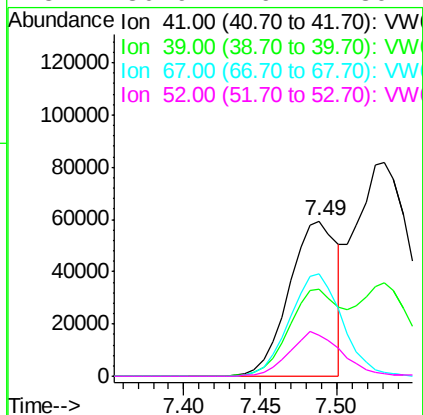
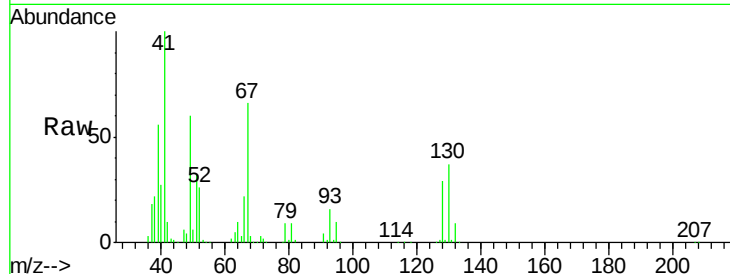
#41
Methacrylonitrile
Concen: 107.20 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	41	Resp	129710
Ion Ratio	Lower	Upper	
41	100		
39	62.1	50.0	75.0
67	72.7	60.8	91.2
52	30.9	26.2	39.4

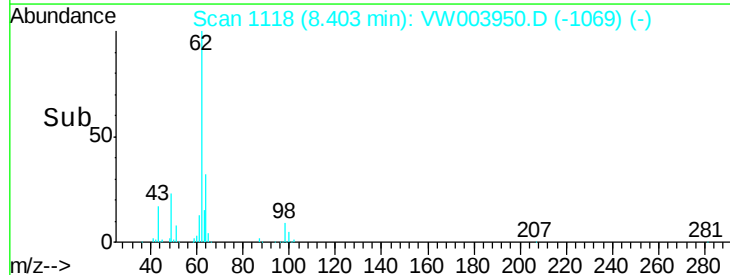
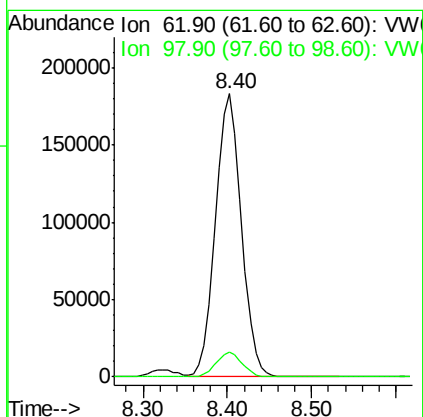
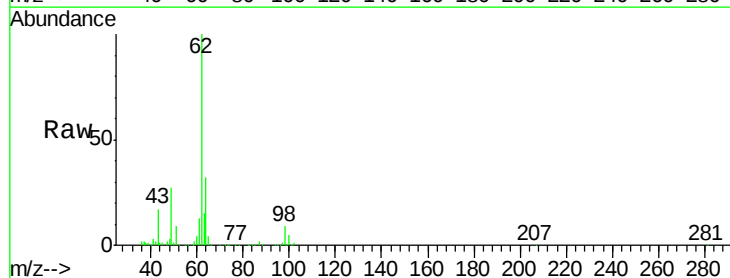
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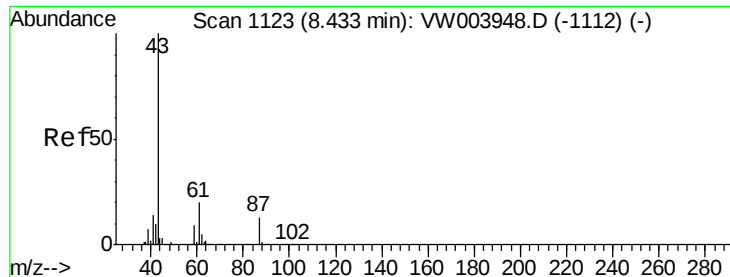
apatel
7/17/2018 10:11:16 AM



#42
1,2-Dichloroethane
Concen: 98.75 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	62	Resp	386845
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	17.4





#43

Isopropyl Acetate

Concen: 113.76 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

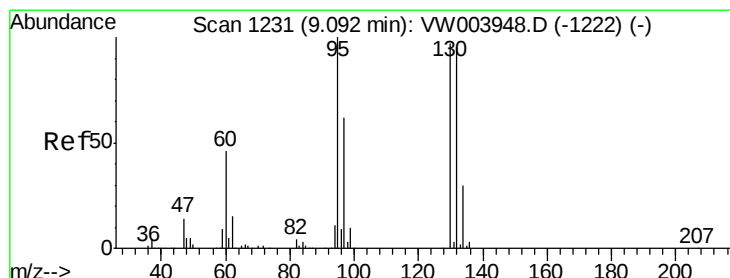
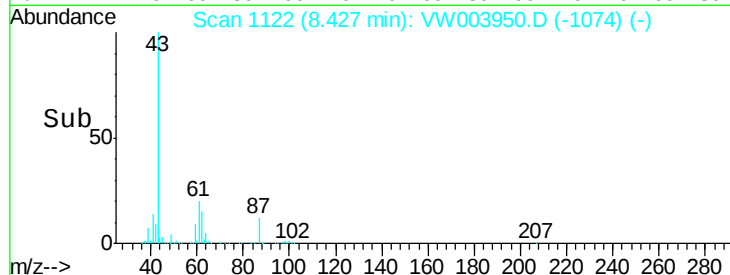
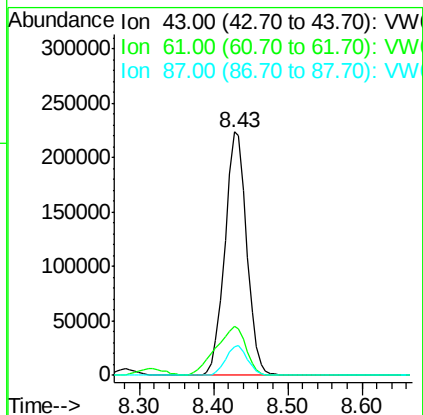
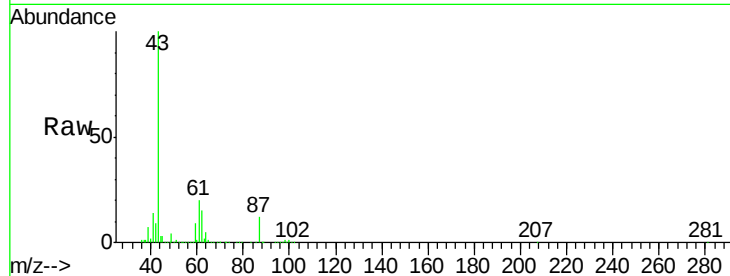
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	457495
Ion	Ratio	Lower	Upper
43	100		
61	27.6	23.0	34.6
87	12.3	9.9	14.9

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#44

Trichloroethene

Concen: 97.23 ug/l

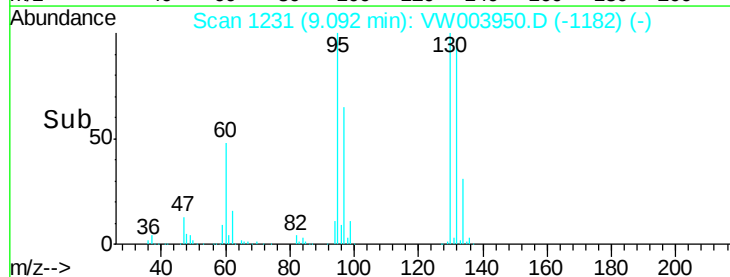
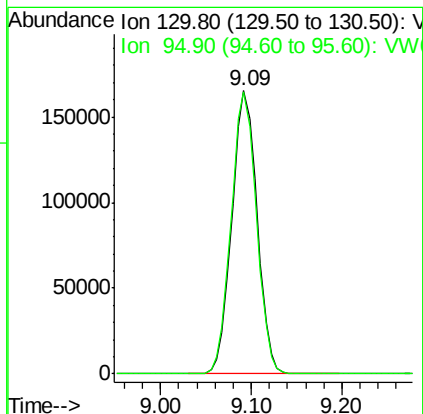
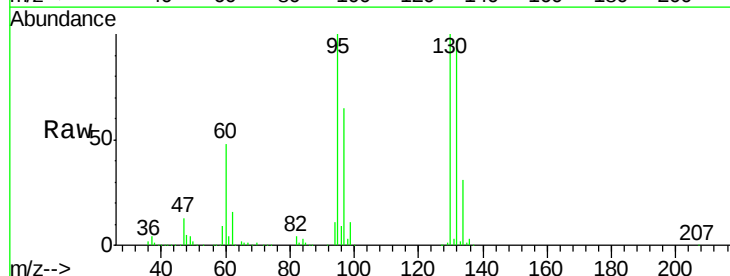
RT: 9.09 min Scan# 1231

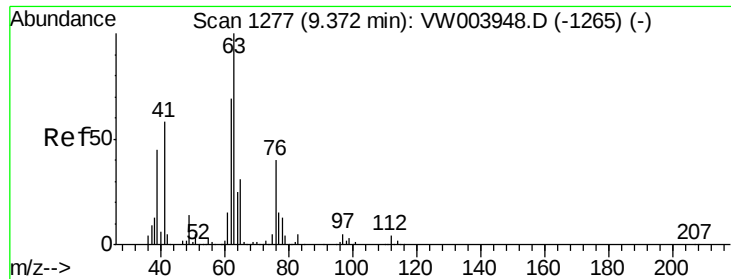
Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion:	130	Resp:	319842
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	206.8





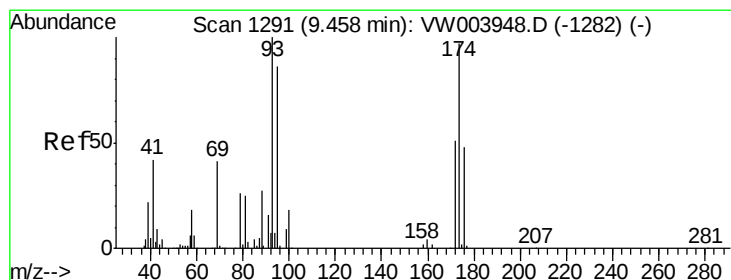
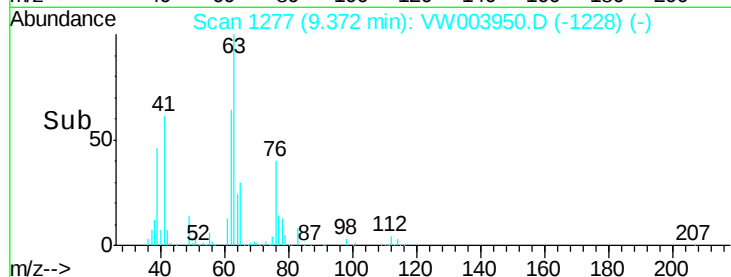
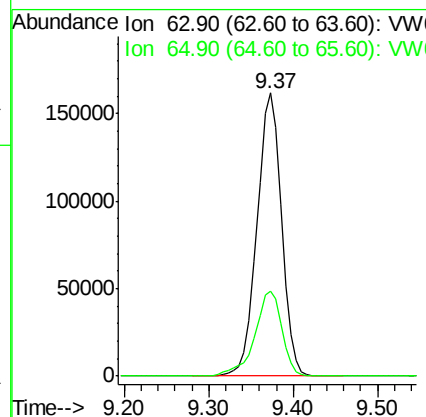
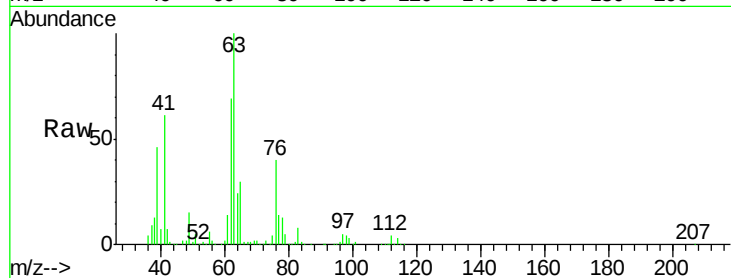
#45
 1,2-Dichloropropane
 Concen: 97.45 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.8	37.2

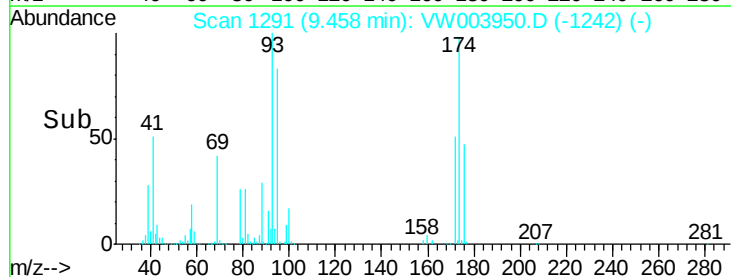
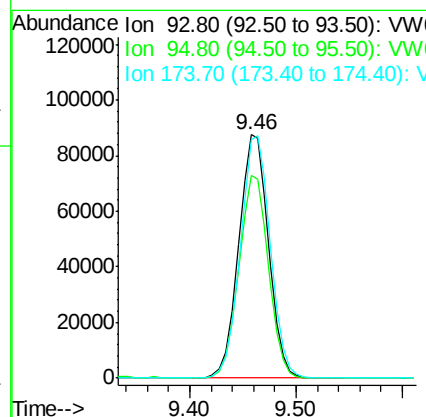
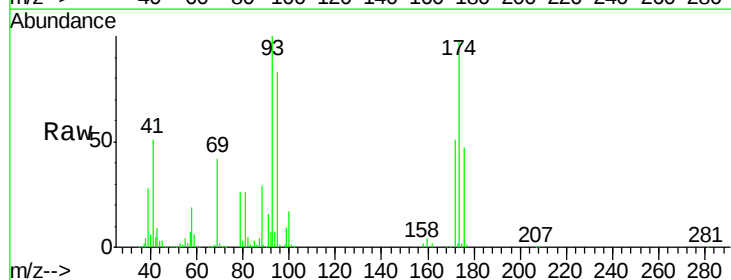
Manual Integrations
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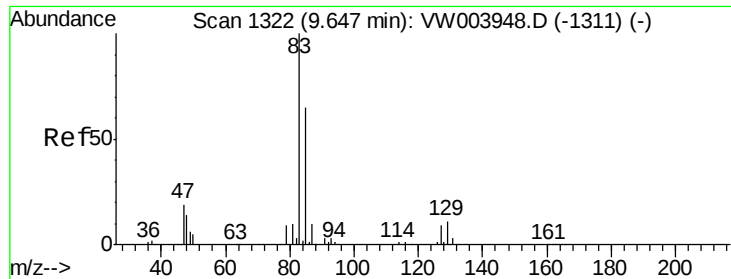
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#46
 Dibromomethane
 Concen: 102.04 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.9	100.3
174	99.8	80.2	120.2





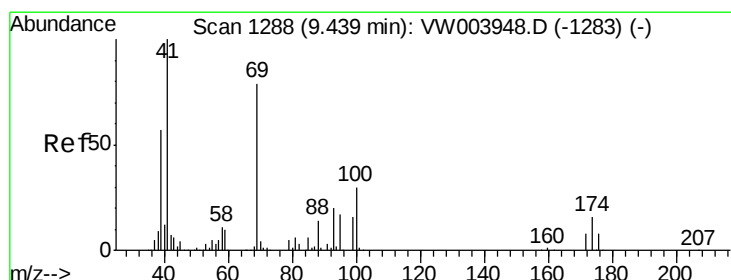
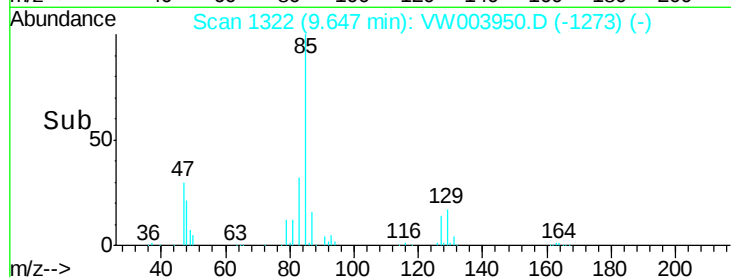
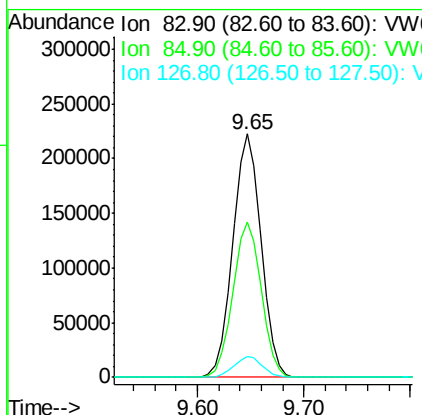
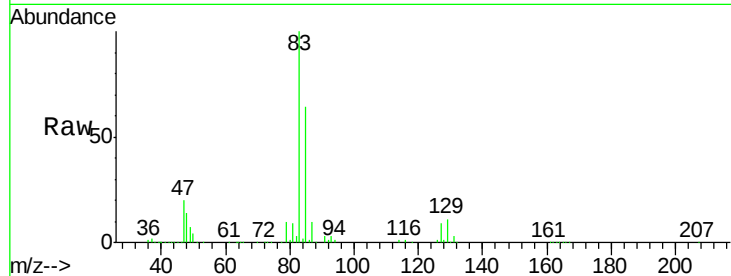
#47
Bromodichloromethane
Concen: 99.21 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	415228
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	52.2	78.2
127	8.7	7.0	10.4

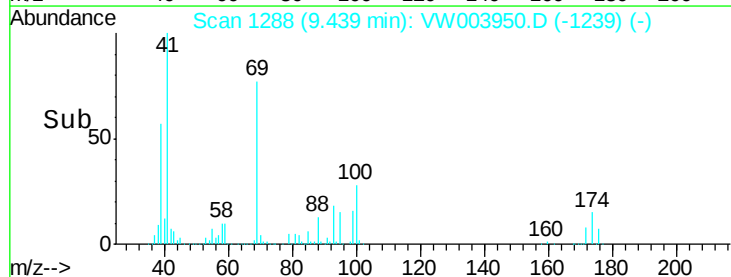
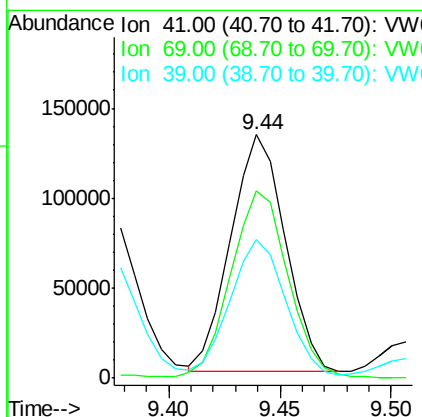
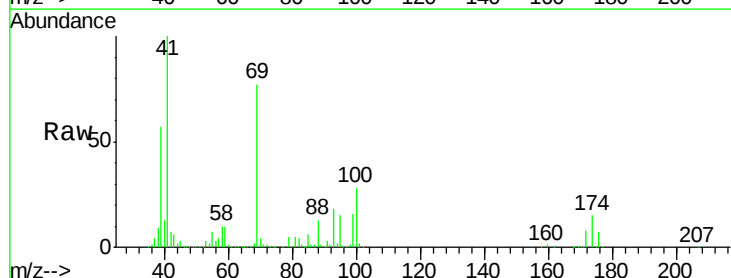
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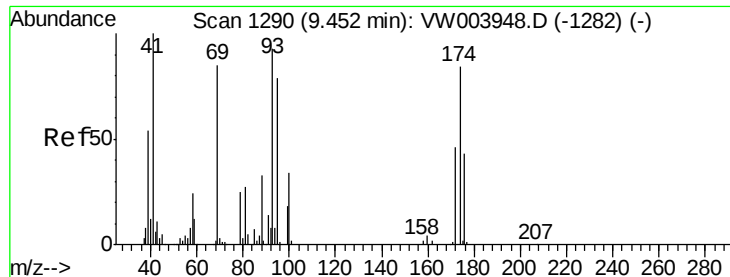
apatel
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#48
Methyl methacrylate
Concen: 116.25 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	41	Resp	224594
Ion Ratio	100	Lower	Upper
41	100		
69	83.1	67.0	100.6
39	60.5	48.8	73.2





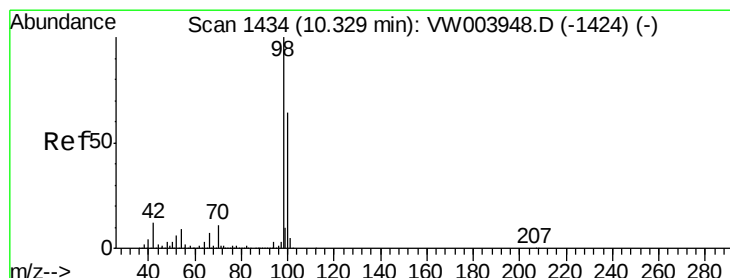
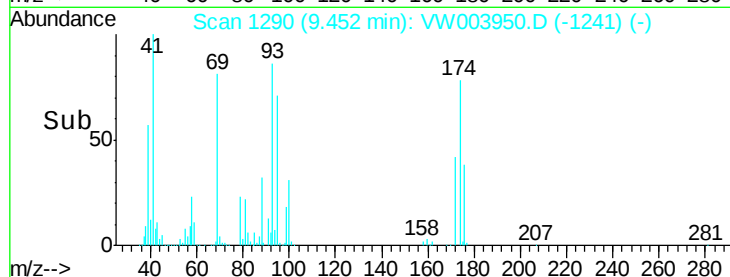
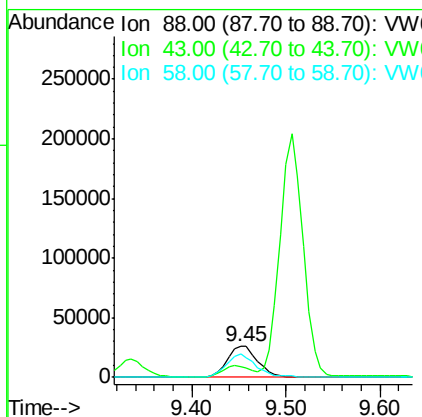
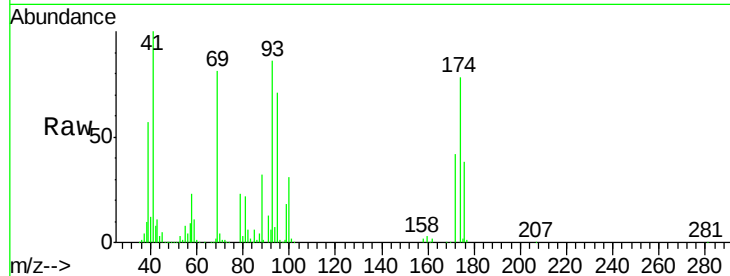
#49
1,4-Dioxane
Concen: 2326.07 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDICC100

Tot Ion	88	Resp	59131
Ion Ratio	Lower	Upper	
88	100		
43	34.0	27.3	40.9
58	73.3	61.1	91.7

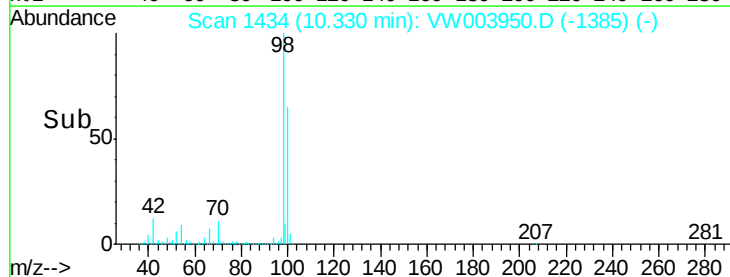
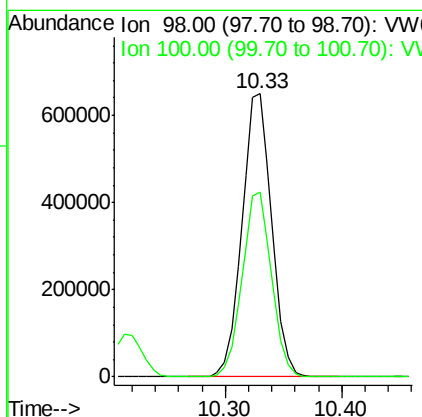
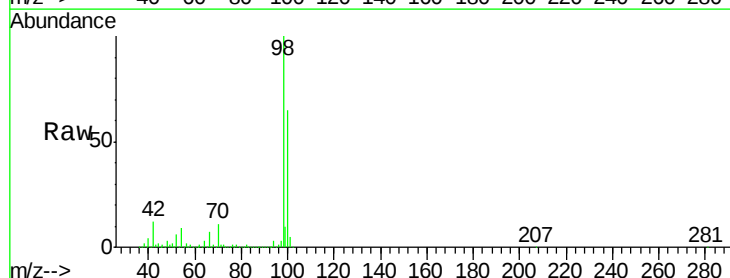
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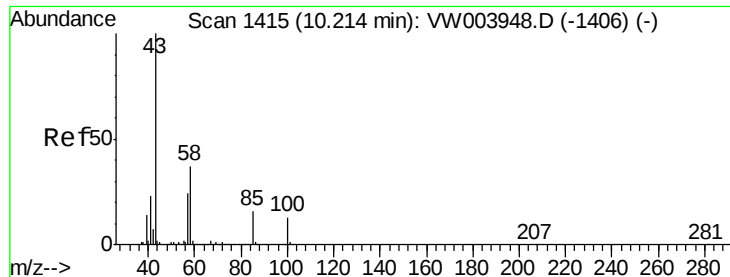
apatel
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#50
Toluene-d8
Concen: 102.05 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	98	Resp	1148254
Ion Ratio	Lower	Upper	
98	100		
100	64.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 572.20 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 1223941

Ion Ratio Lower Upper

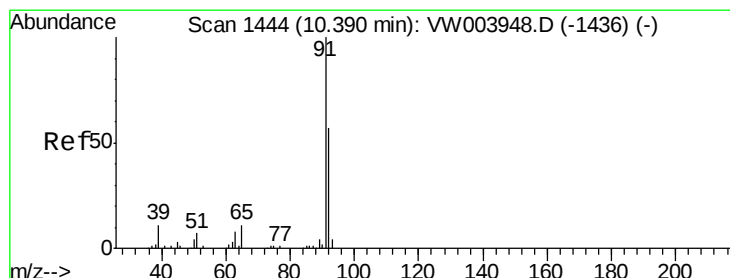
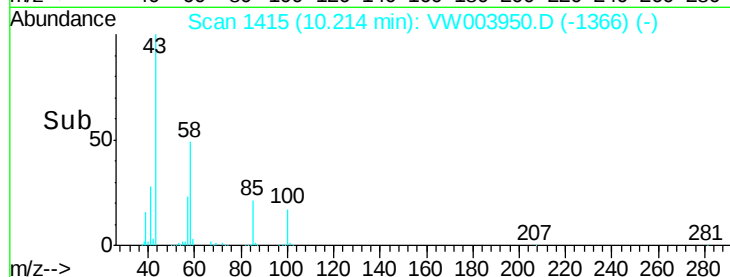
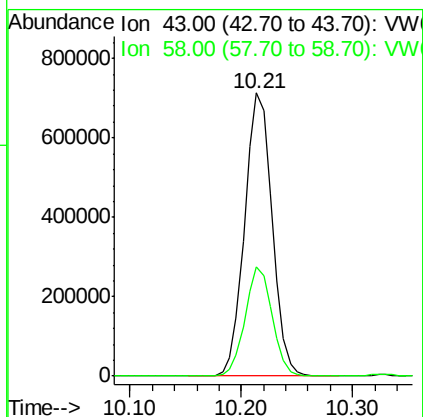
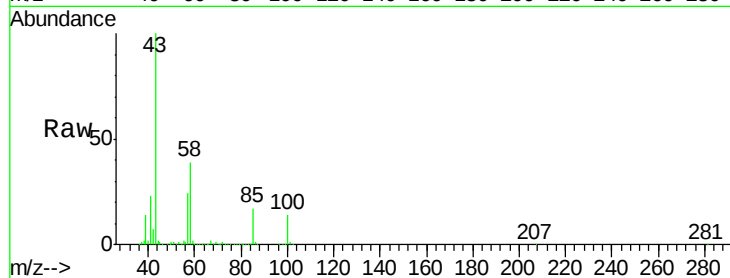
43 100

58 37.9 29.9 44.9

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#52

Toluene

Concen: 96.16 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003950.D

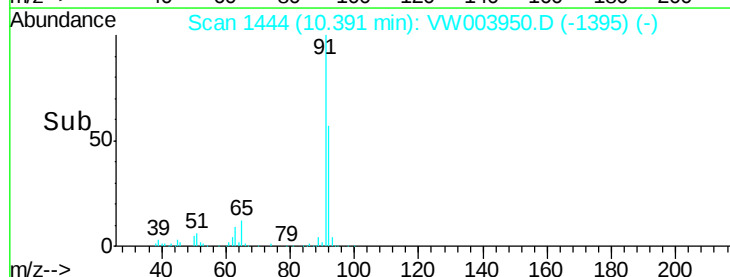
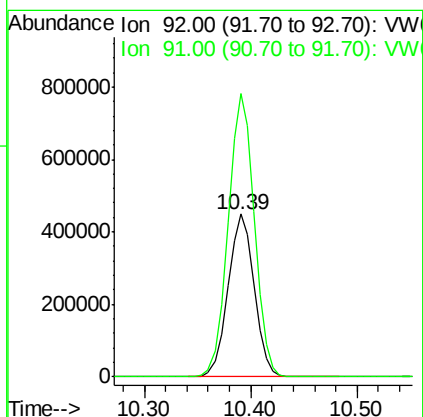
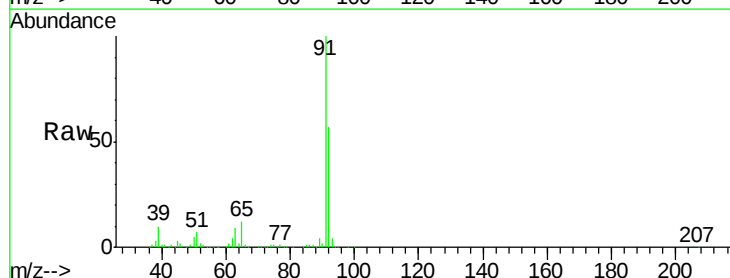
Acq: 16 Jul 2018 14:07

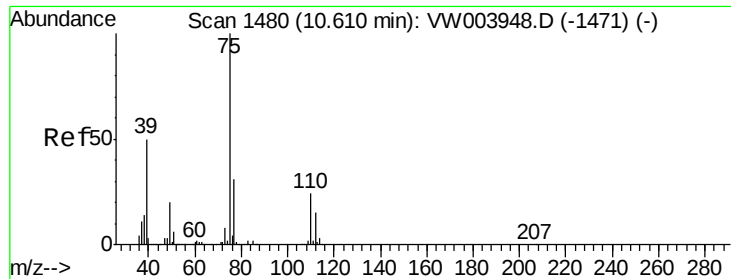
Tgt Ion: 92 Resp: 767843

Ion Ratio Lower Upper

92 100

91 174.6 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 104.69 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 452127

Ion Ratio Lower Upper

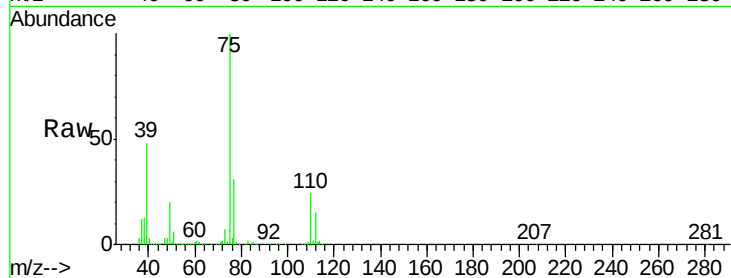
75 100

77 31.4 25.2 37.8

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

300000

250000

200000

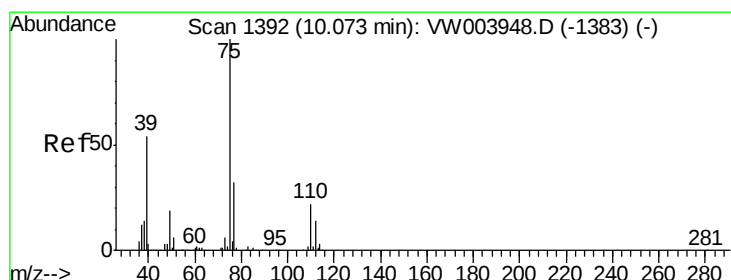
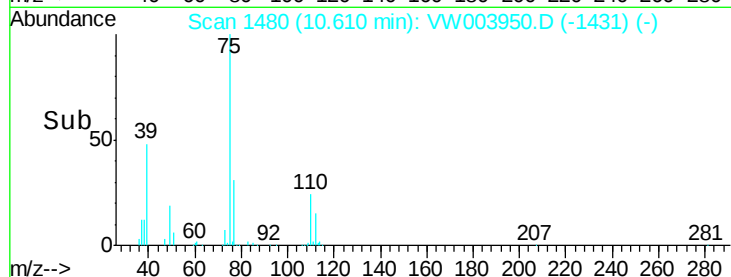
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 102.16 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

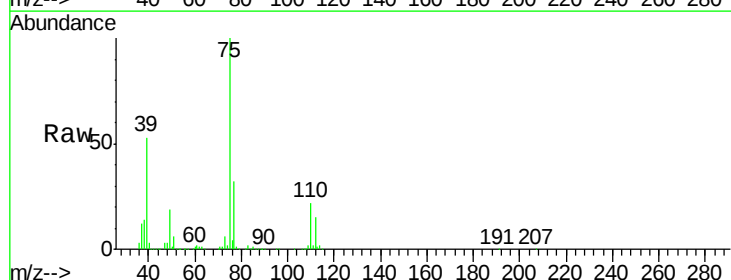
Tgt Ion: 75 Resp: 505884

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 53.2 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

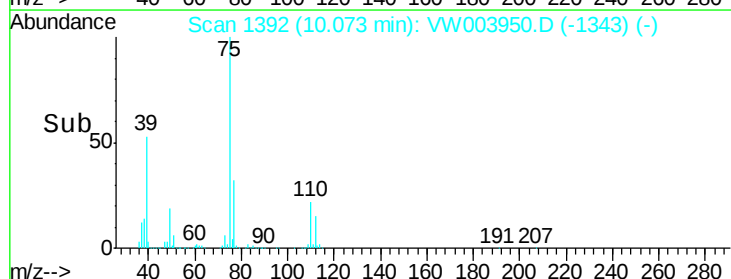
300000

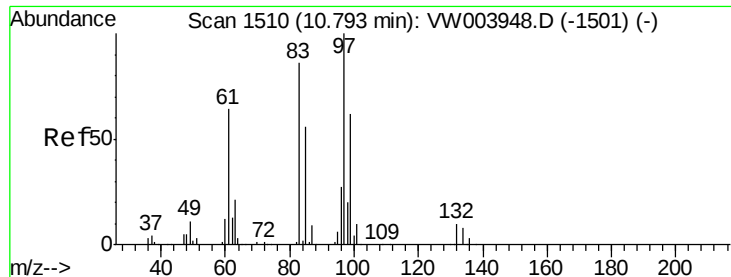
200000

100000

0

Time--> 10.00 10.10





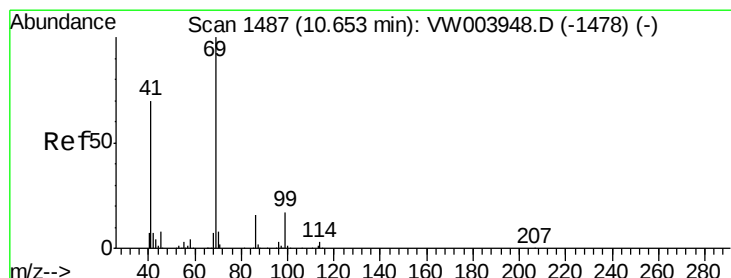
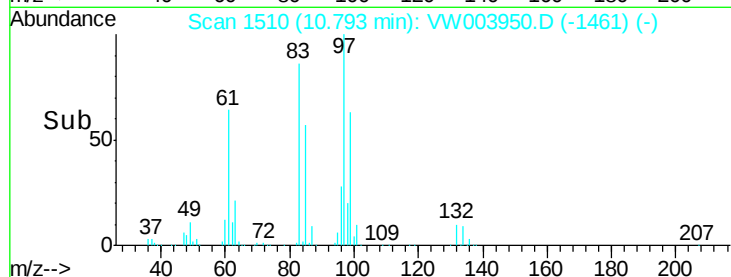
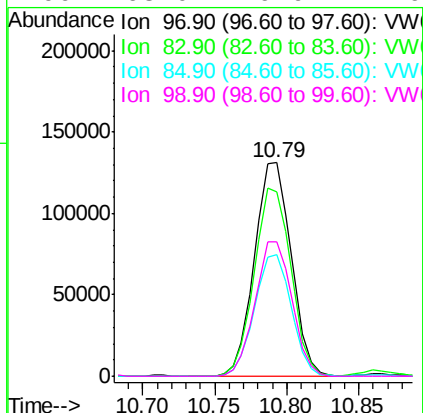
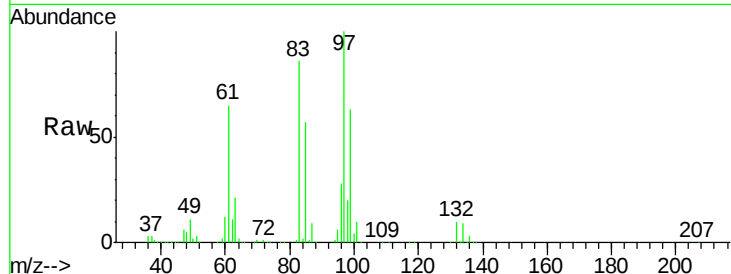
#55
 1,1,2-Trichloroethane
 Concen: 97.32 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	231729
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.4
85	56.8	45.0	67.6
99	63.0	49.9	74.9

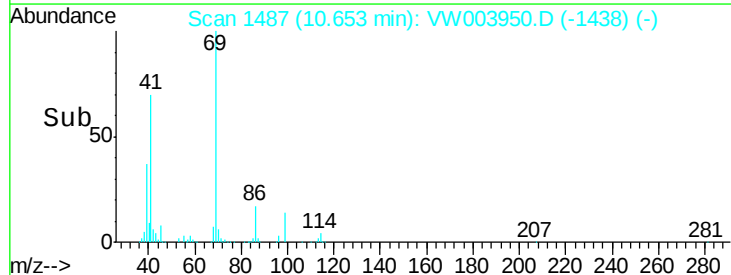
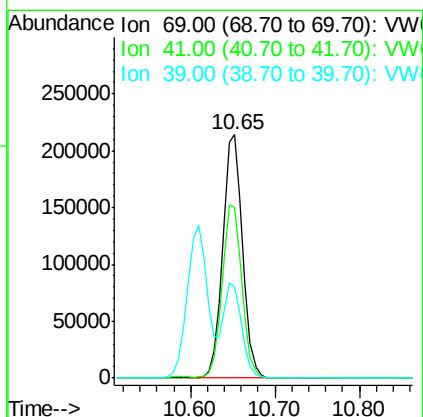
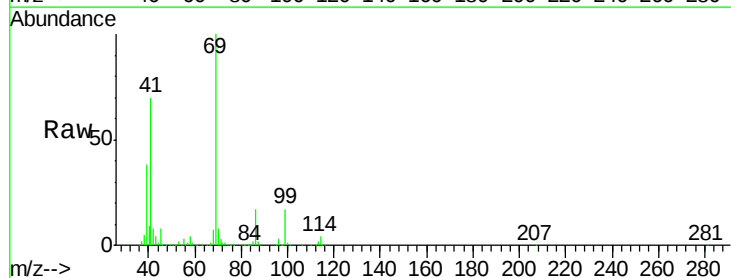
Manual Integrations
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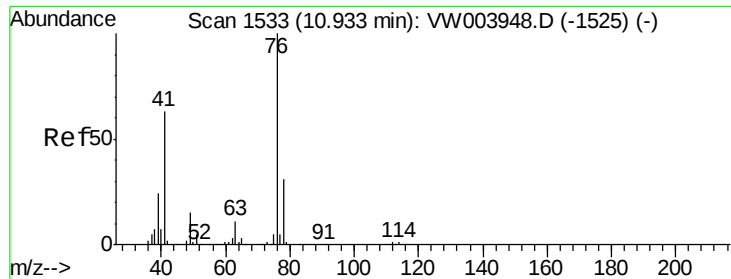
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#56
 Ethyl methacrylate
 Concen: 115.06 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion:	69	Resp:	345876
Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.5	84.7
39	38.4	30.2	45.4





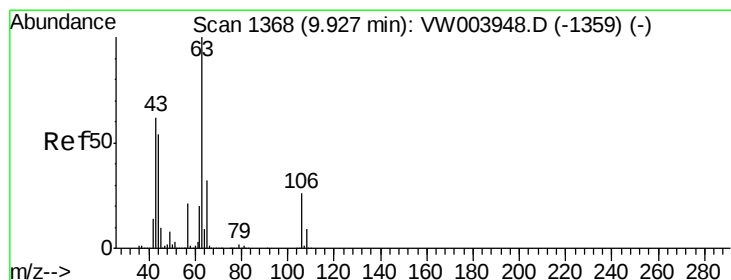
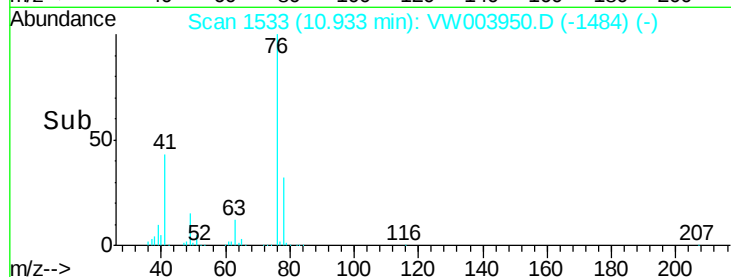
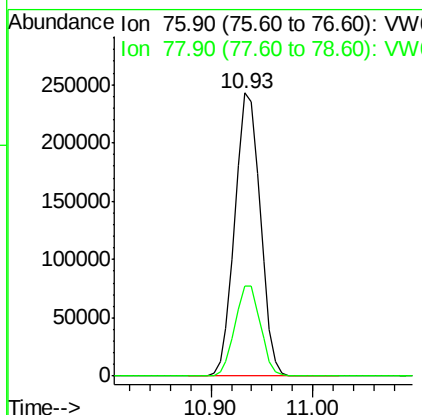
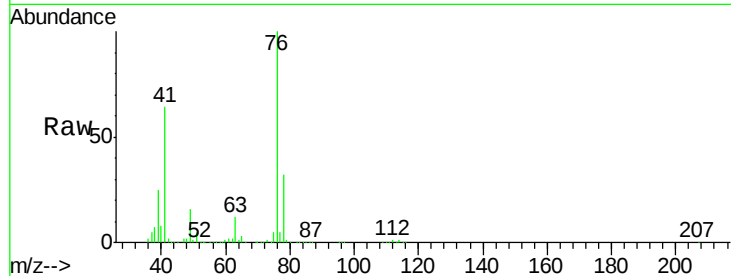
#57
 1,3-Dichloropropane
 Concen: 101.31 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 76 Resp: 419191
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

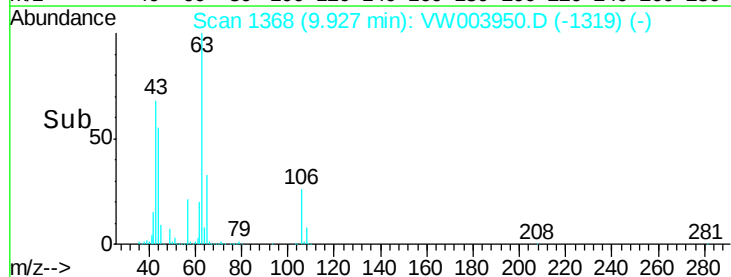
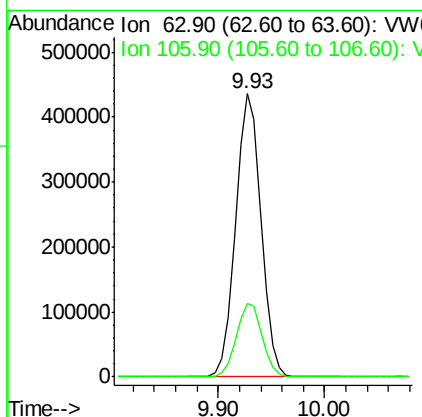
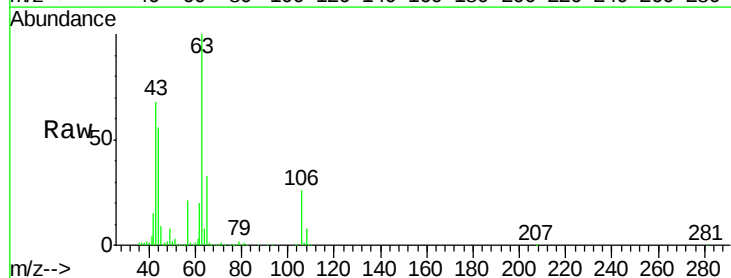
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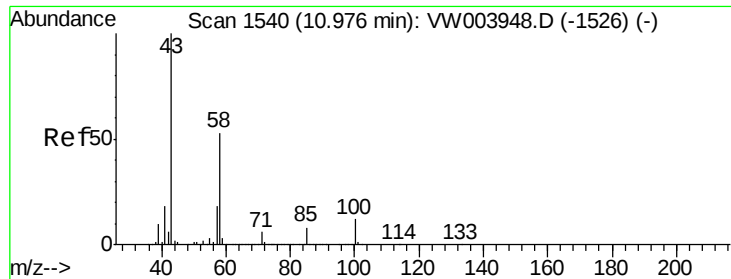
apatel
 7/17/2018 10:11:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 503.70 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion: 63 Resp: 729633
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.2 31.8





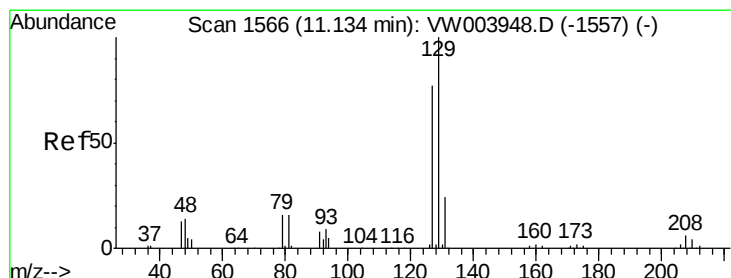
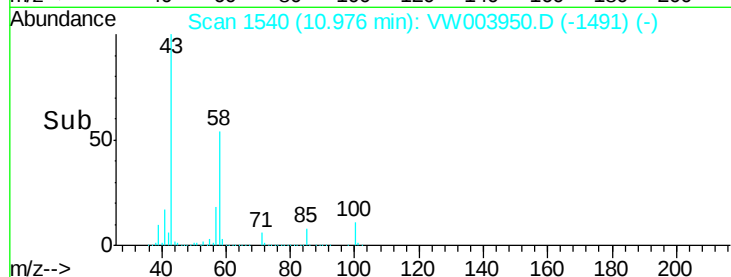
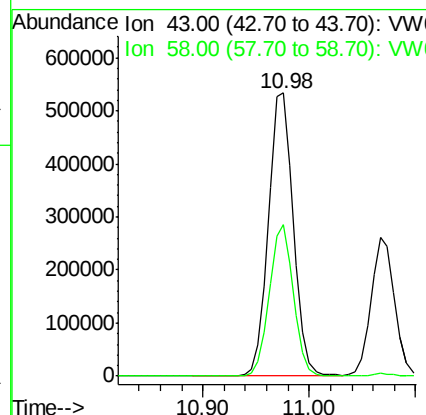
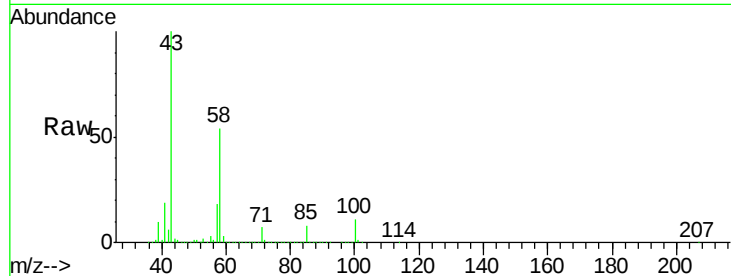
#59
2-Hexanone
Concen: 585.10 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDICC100

Tot Ion: 43 Resp: 874740
Ion Ratio Lower Upper
43 100
58 51.7 26.0 78.0

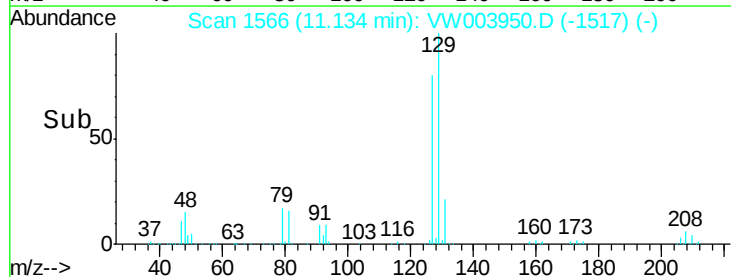
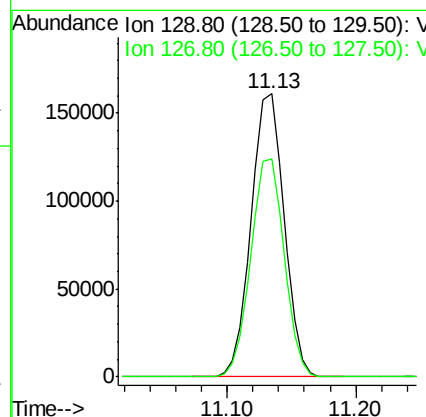
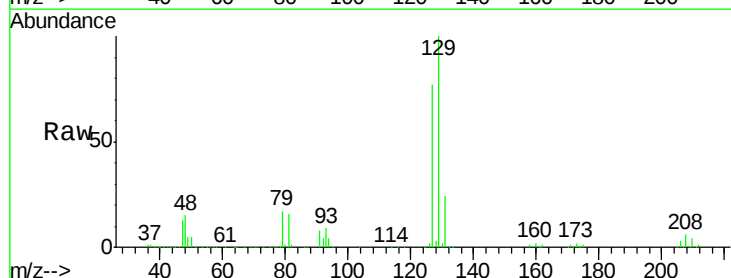
Manual Integrations
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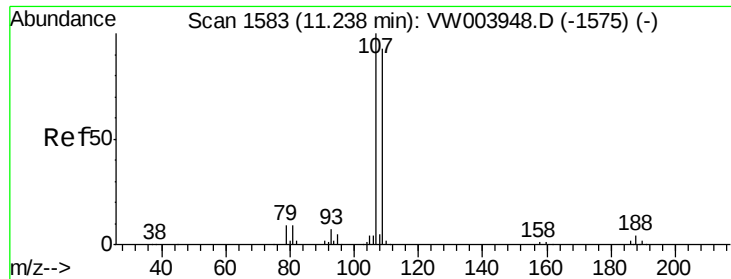
apatel
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#60
Dibromochloromethane
Concen: 103.51 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 129 Resp: 285647
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





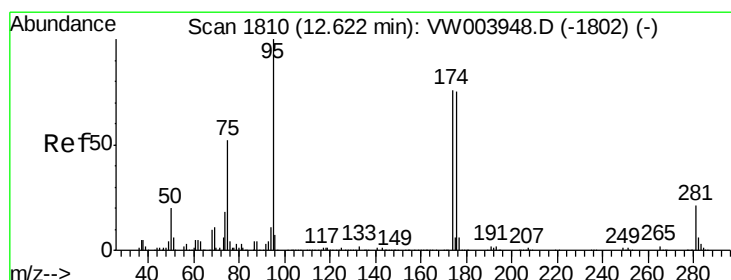
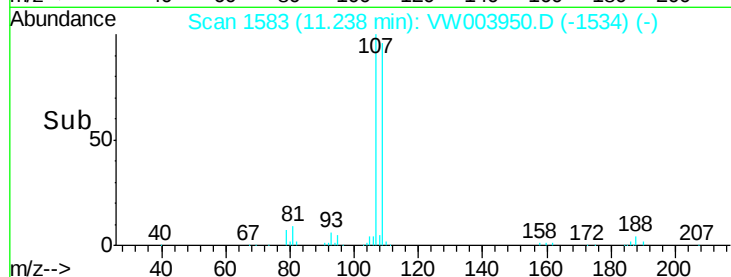
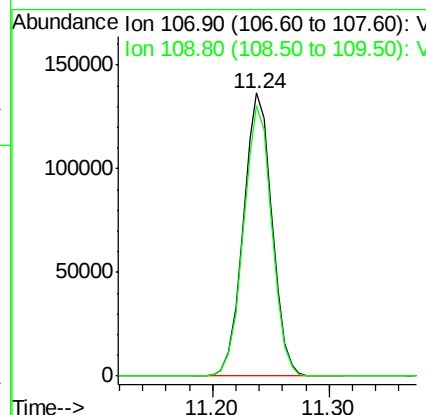
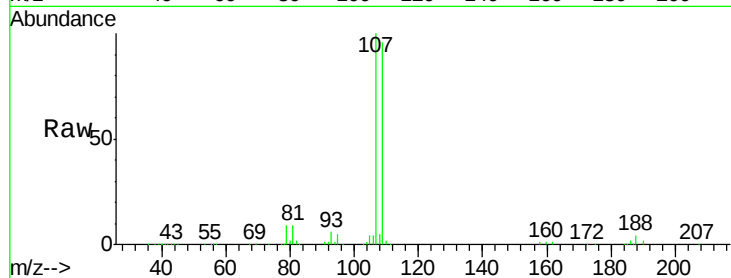
#61
 1,2-Dibromoethane
 Concen: 104.63 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	233891		
109	94.6	74.3	111.5	

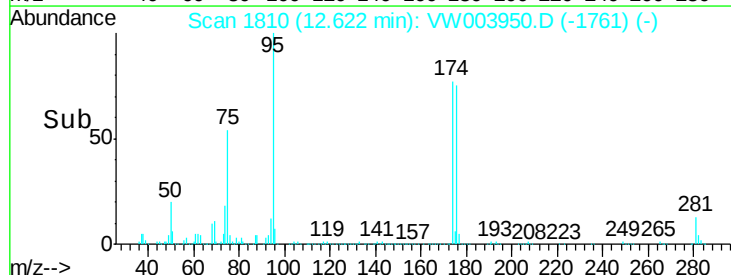
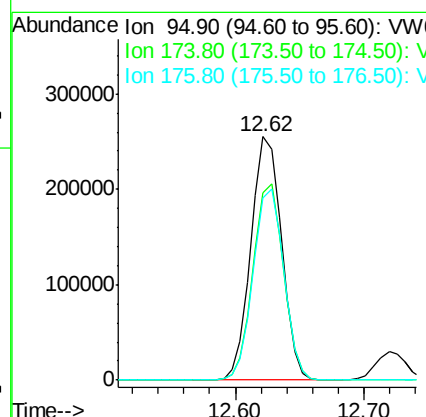
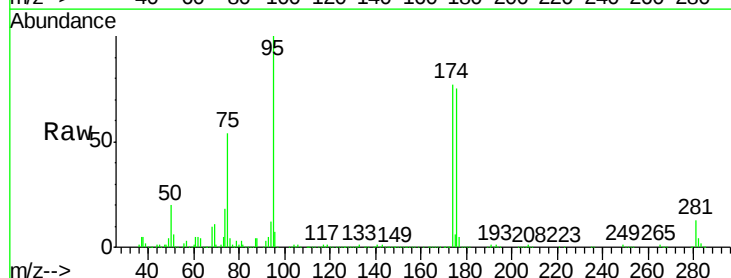
Manual Integrations
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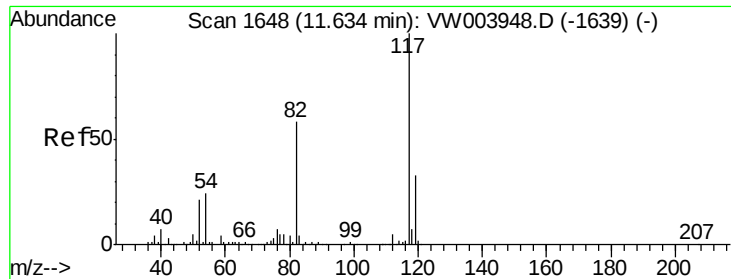
apatel
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#62
 4-Bromofluorobenzene
 Concen: 103.35 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	418025		
174	80.2	0.0	160.2	
176	78.6	0.0	155.8	





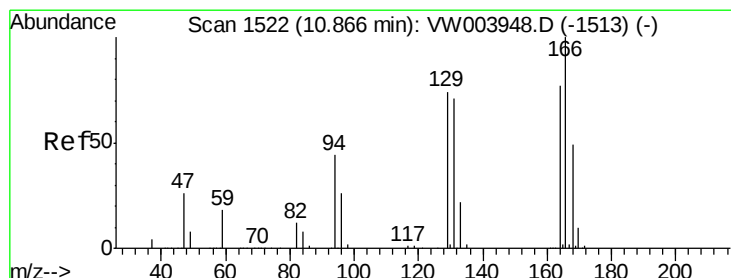
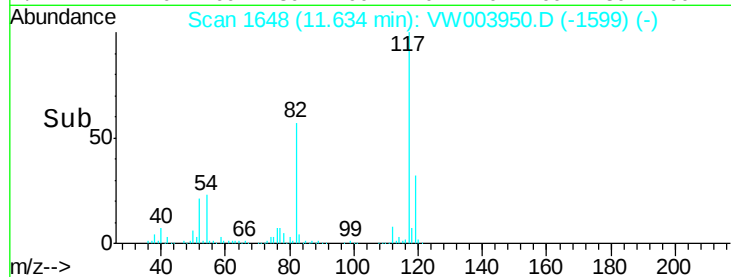
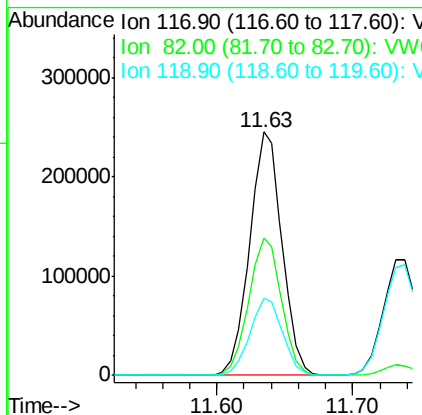
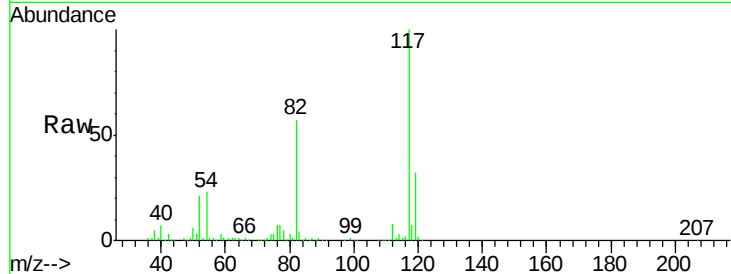
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.5	69.7
119	31.8	26.2	39.2

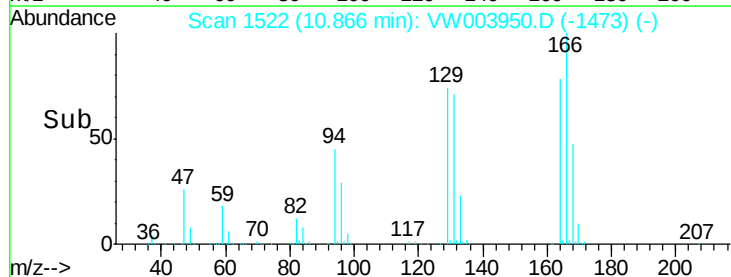
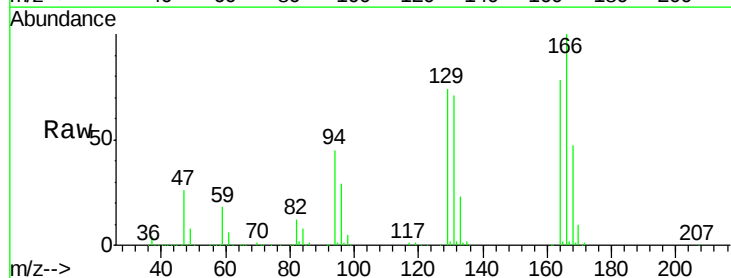
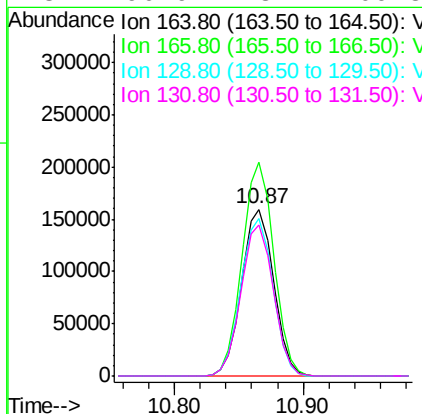
Manual Integrations
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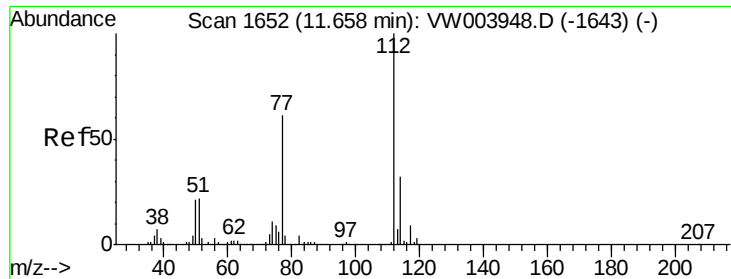
apatel
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#64
Tetrachloroethene
Concen: 96.45 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.5	155.3
129	94.2	76.8	115.2
131	90.9	73.2	109.8





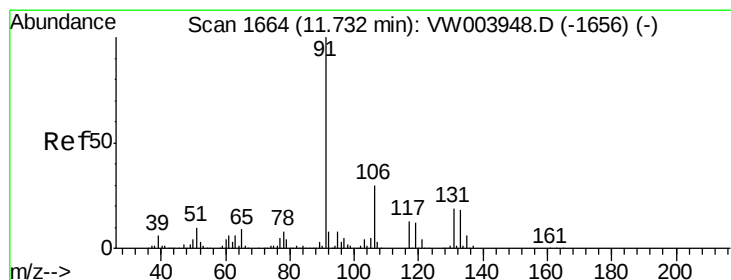
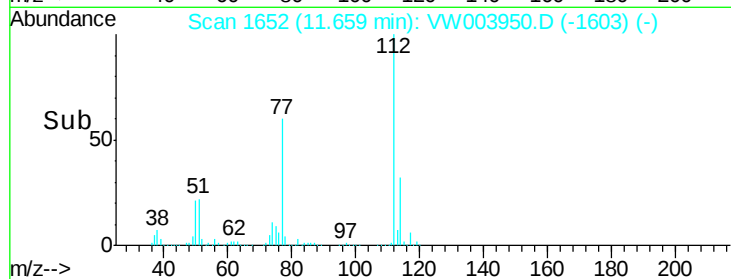
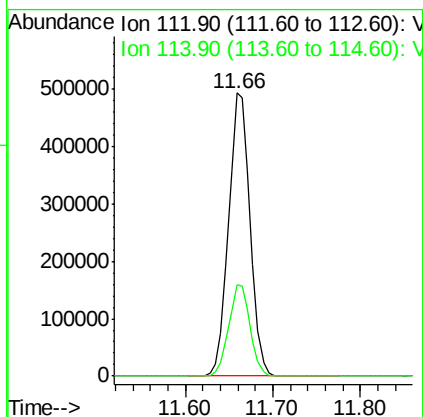
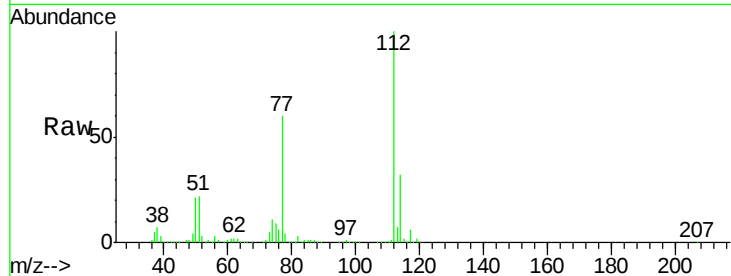
#65
Chlorobenzene
Concen: 96.10 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 838075
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

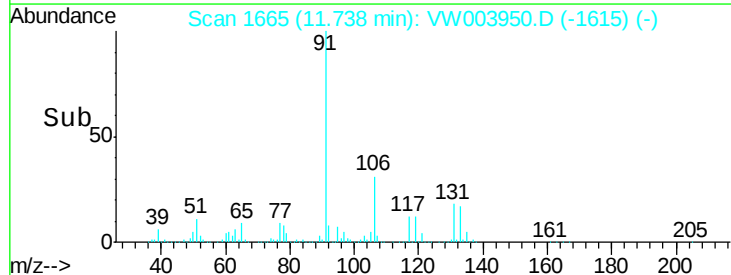
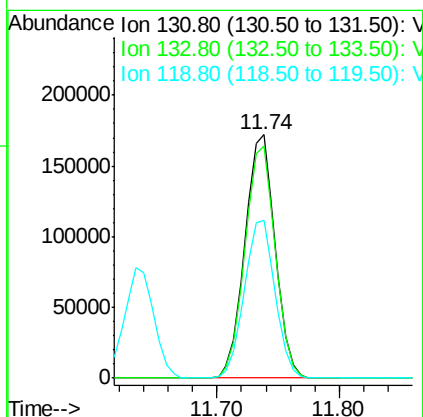
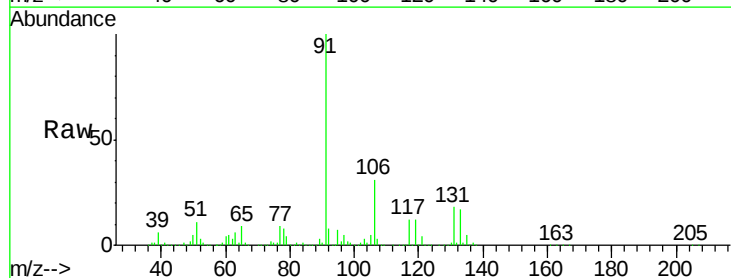
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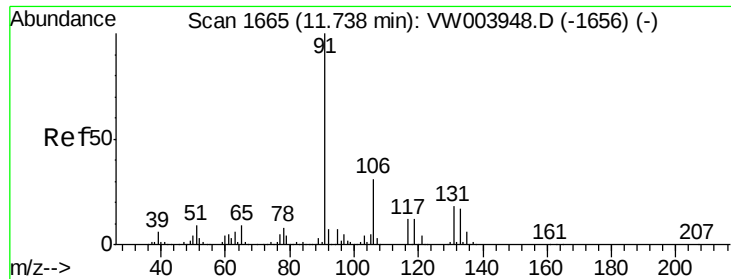
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#66
1,1,1,2-Tetrachloroethane
Concen: 97.90 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion:131 Resp: 296107
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 65.9 32.5 97.5





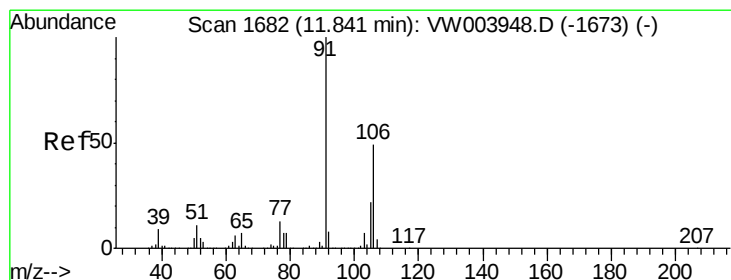
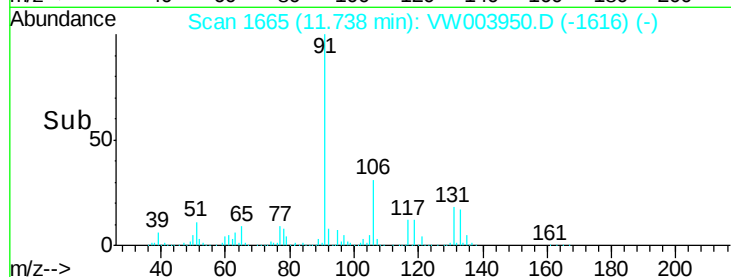
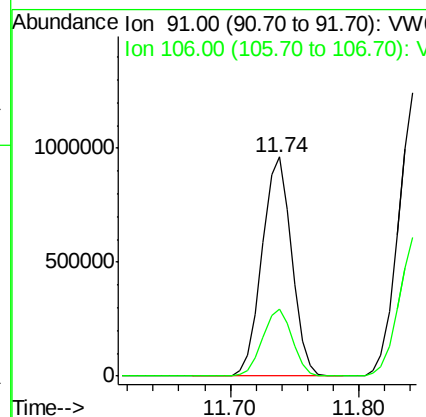
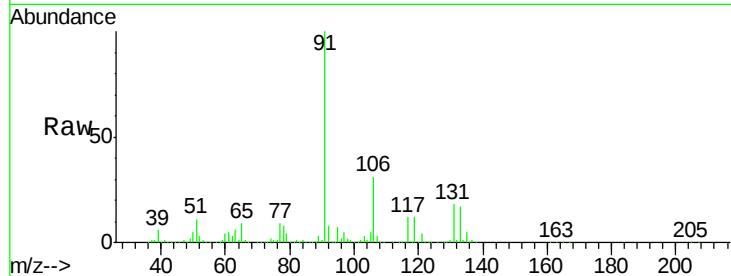
#67
Ethyl Benzene
Concen: 99.99 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1526628
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4

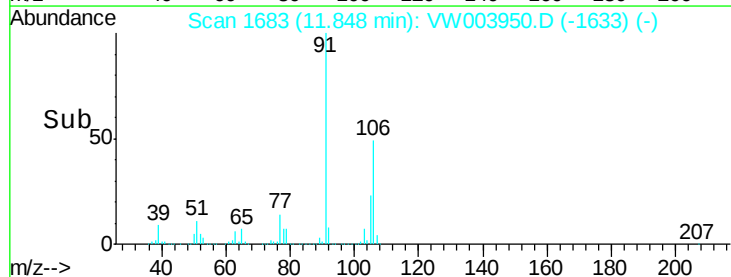
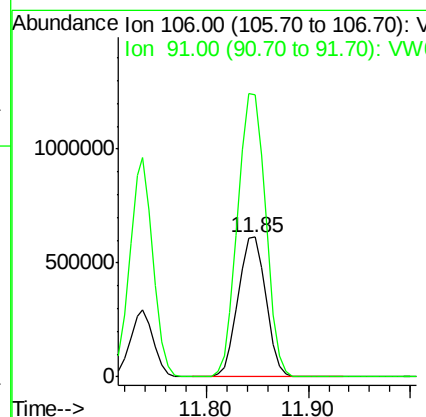
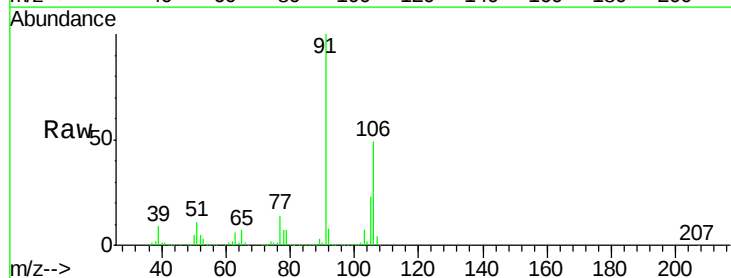
Manual Integrations
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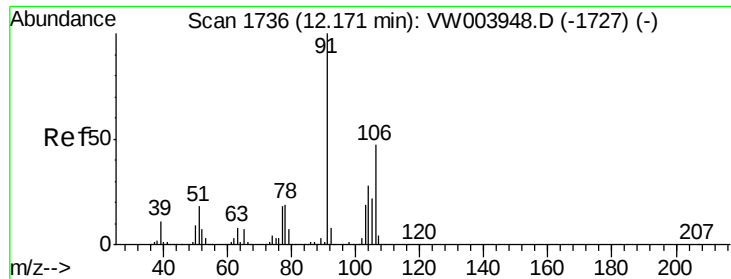
apatel
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#68
m/p-Xylenes
Concen: 198.06 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 106 Resp: 1156294
Ion Ratio Lower Upper
106 100
91 204.4 164.2 246.2





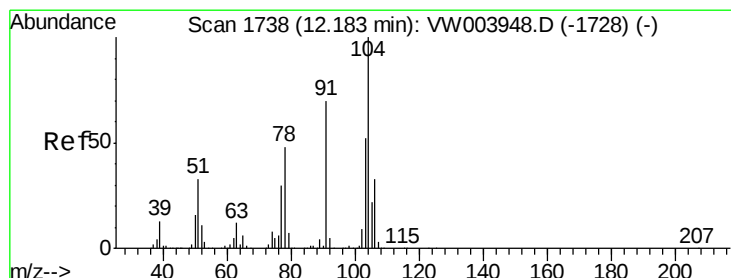
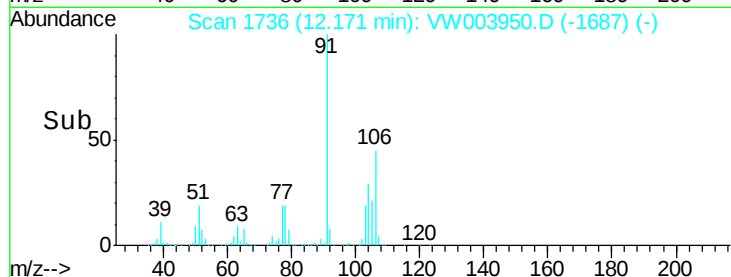
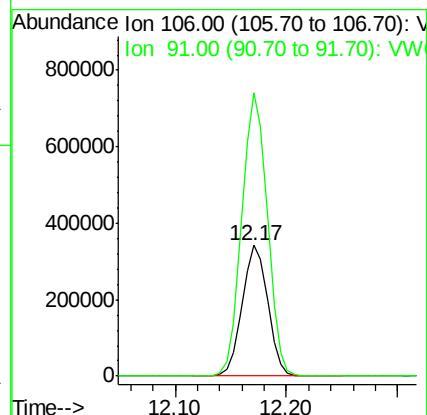
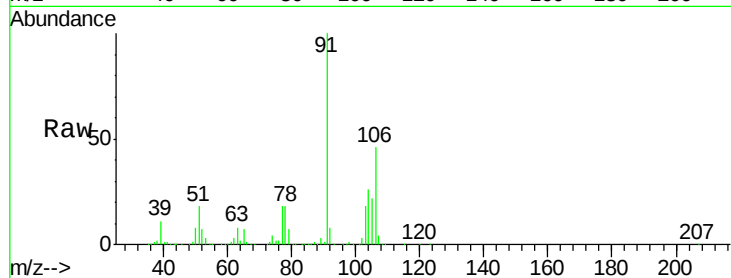
#69
o-Xylene
Concen: 100.43 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 544267
Ion Ratio Lower Upper
106 100
91 216.9 107.5 322.6

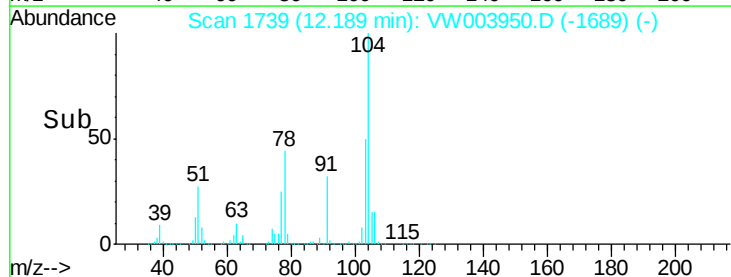
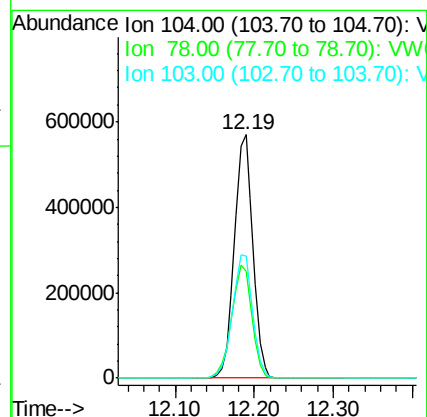
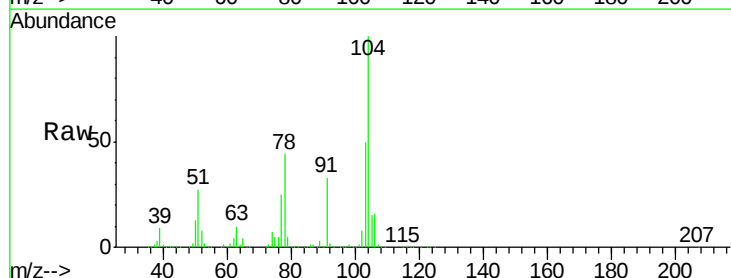
Manual Integrations
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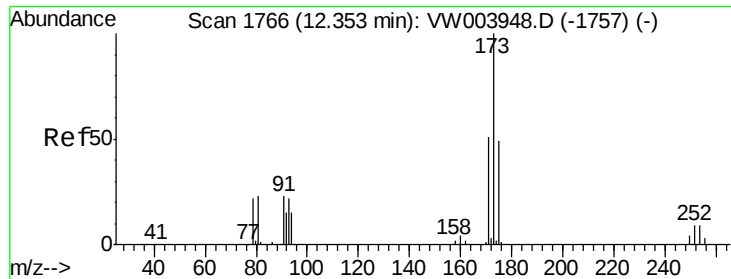
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#70
Styrene
Concen: 102.96 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion:104 Resp: 933046
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.4
103 55.0 44.6 67.0





#71

Bromoform

Concen: 108.84 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:173 Resp: 181158

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.2

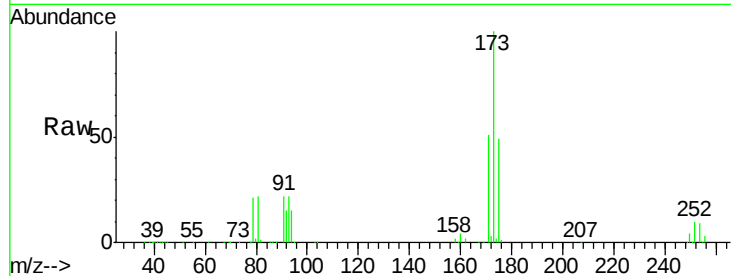
254 0.2 0.1 0.1#

Manual Integrations

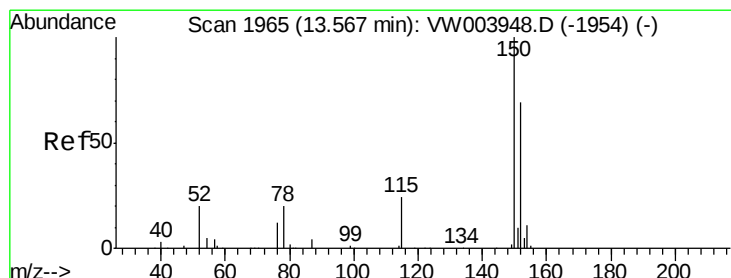
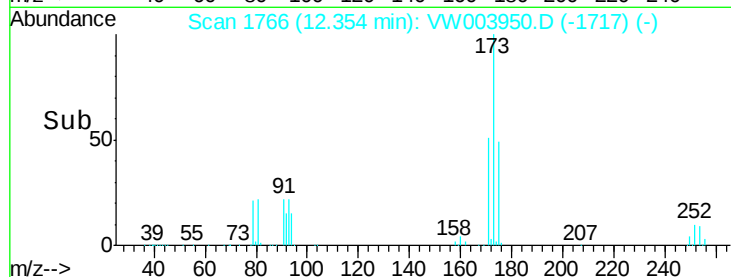
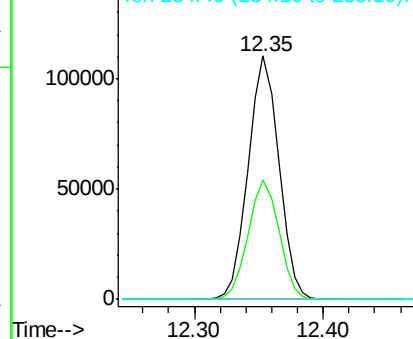
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

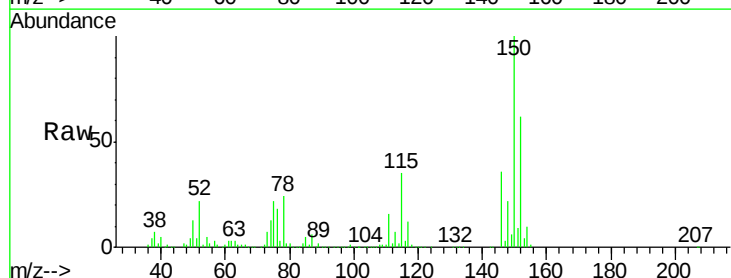
Tgt Ion:152 Resp: 211448

Ion Ratio Lower Upper

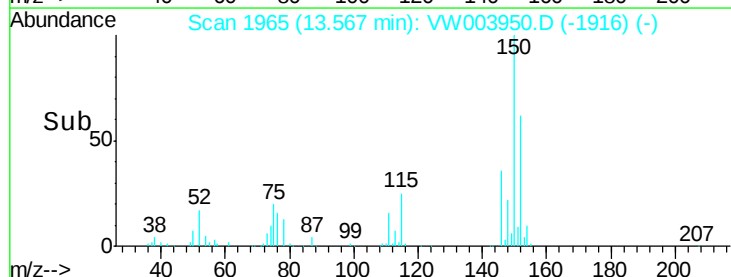
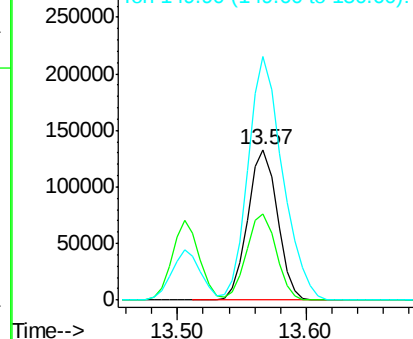
152 100

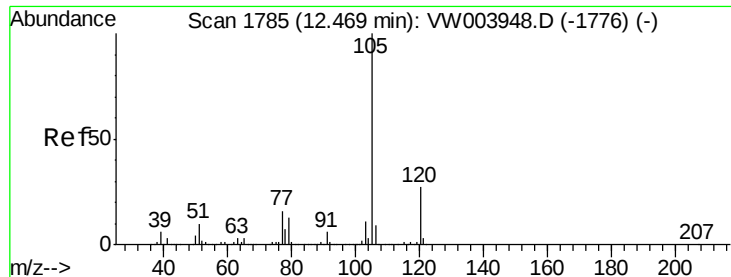
115 57.1 29.2 87.6

150 188.0 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





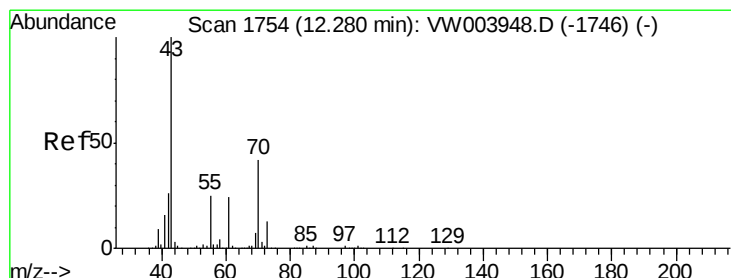
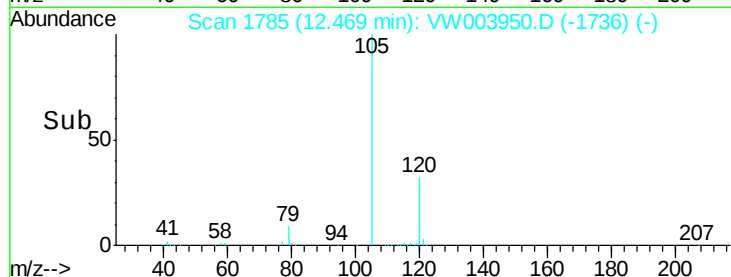
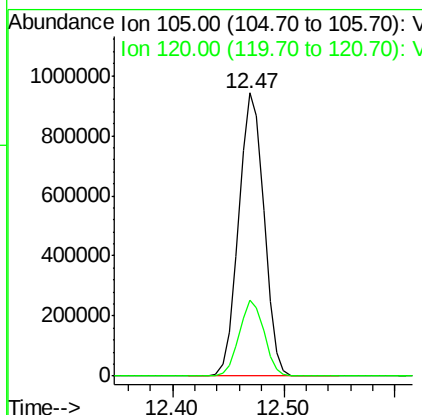
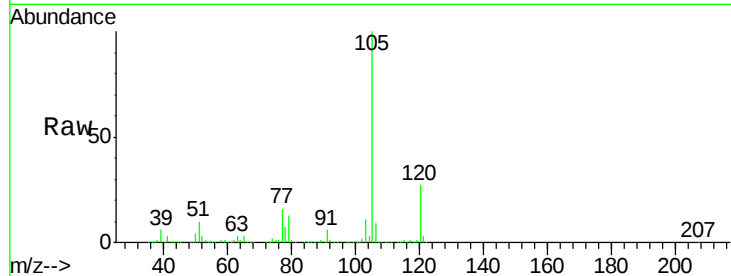
#73
Isopropylbenzene
Concen: 100.13 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion:105 Resp: 1484812
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

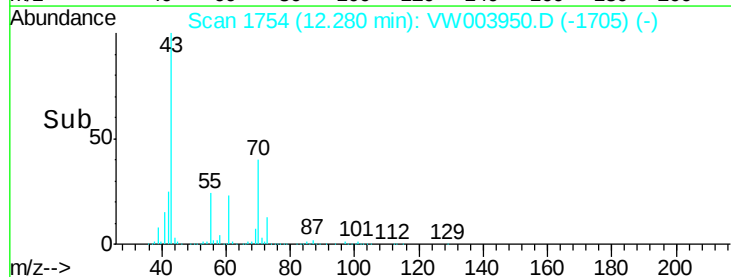
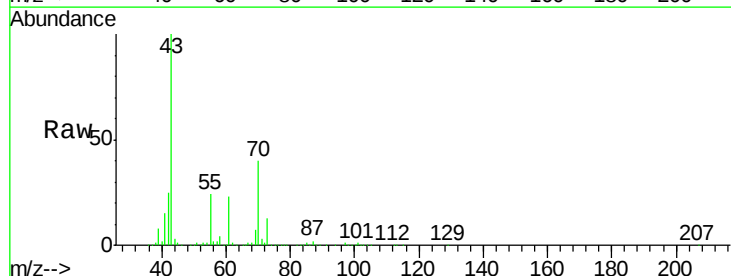
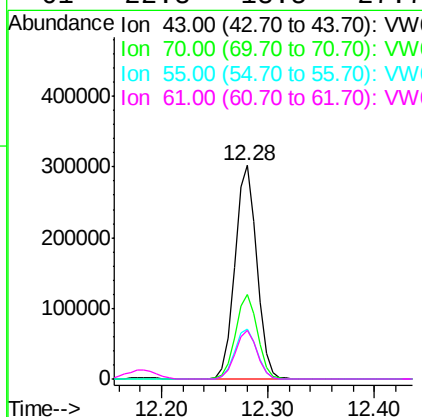
Manual Integrations
APPROVED

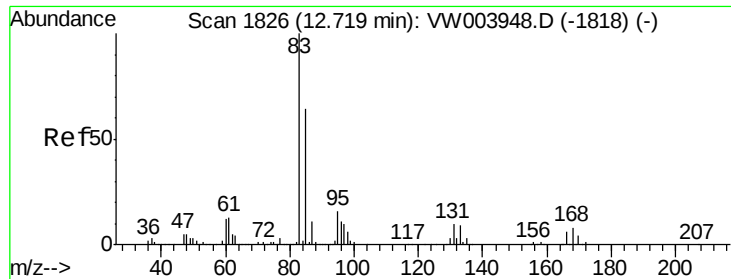
apatel
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#74
N-ethyl acetate
Concen: 115.23 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 43 Resp: 435000
Ion Ratio Lower Upper
43 100
70 39.9 31.6 47.4
55 24.3 20.0 30.0
61 22.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 106.07 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

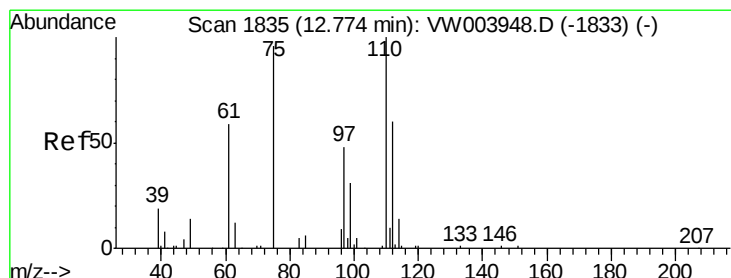
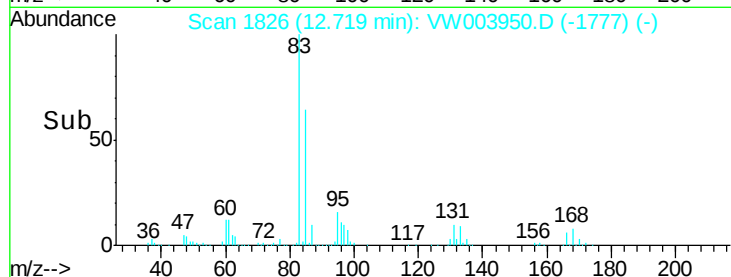
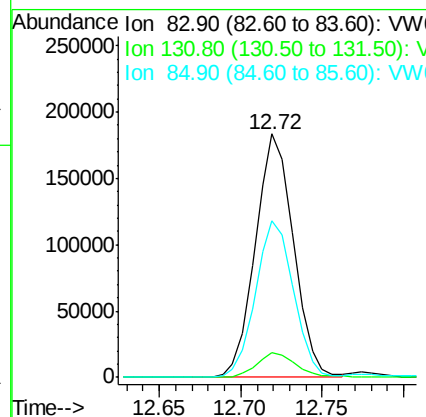
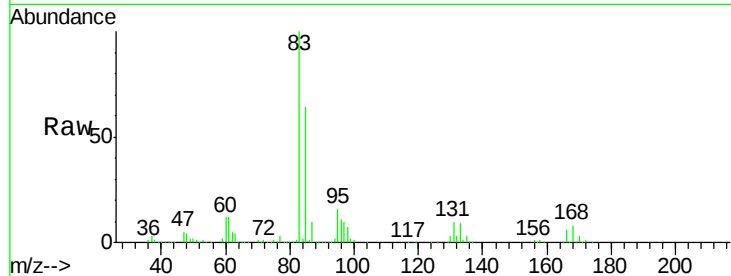
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	297786
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	64.3	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 96.89 ug/l m

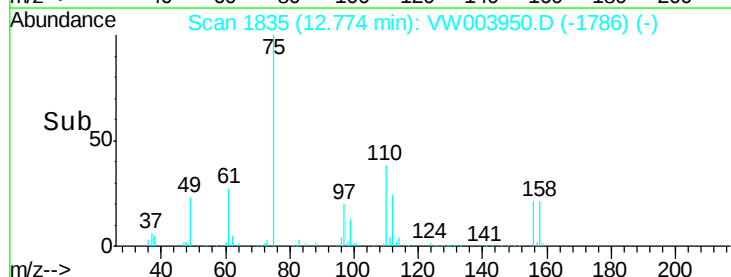
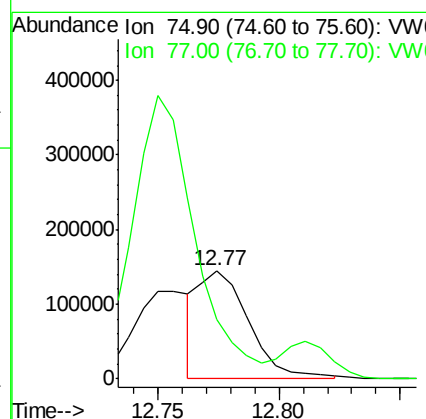
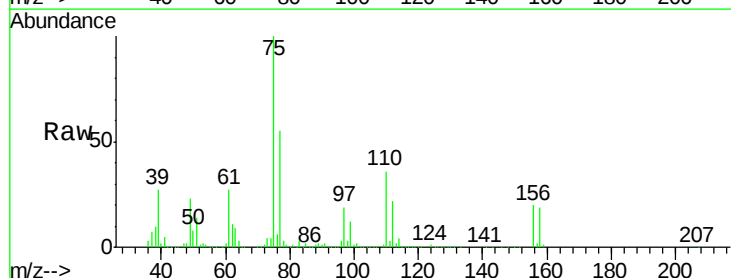
RT: 12.77 min Scan# 1835

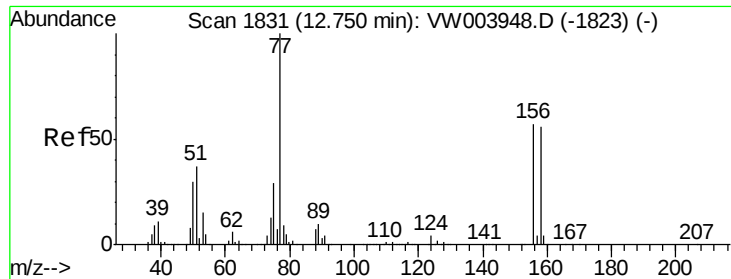
Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion:	75	Resp:	208774
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 98.70 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

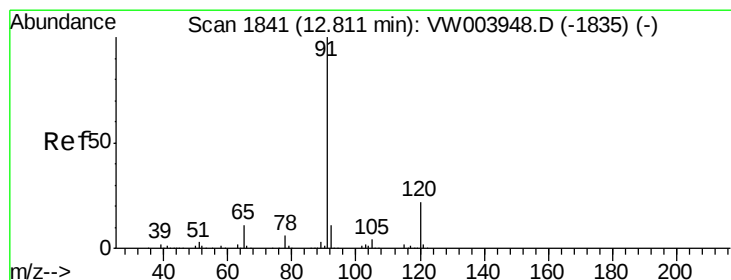
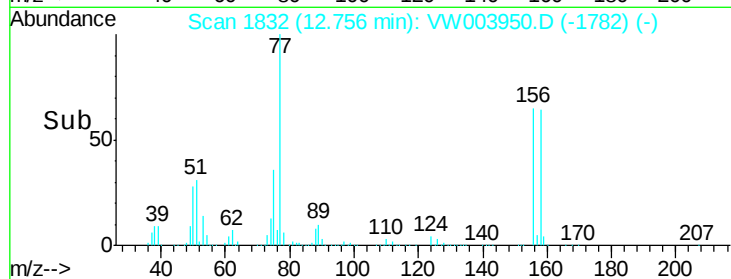
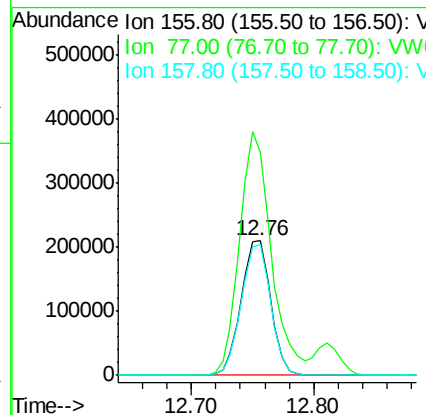
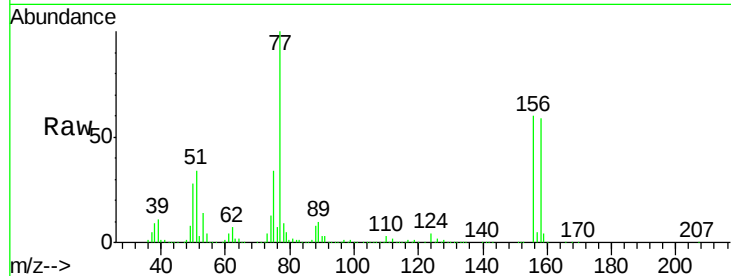
ClientSampled :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.3	96.2	288.6
158	97.2	48.5	145.5

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#78

n-propylbenzene

Concen: 99.23 ug/l

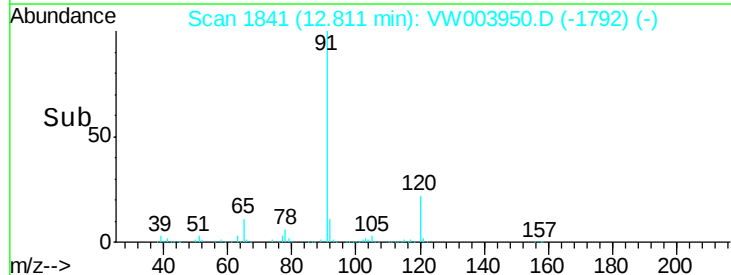
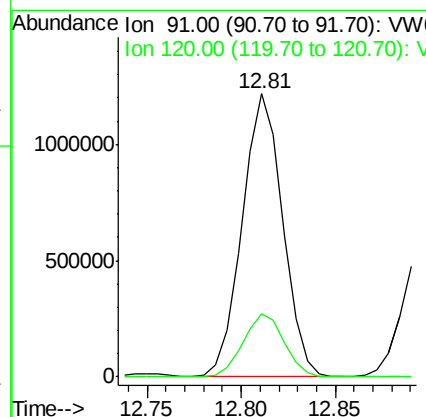
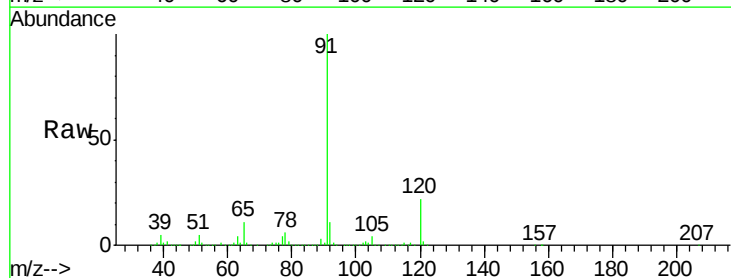
RT: 12.81 min Scan# 1841

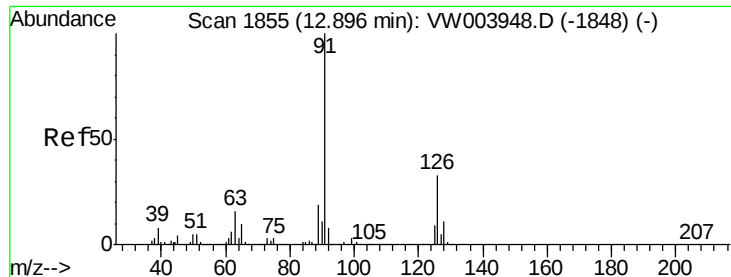
Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.6





#79

2-Chlorotoluene

Concen: 98.94 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1022616

Ion Ratio Lower Upper

91 100

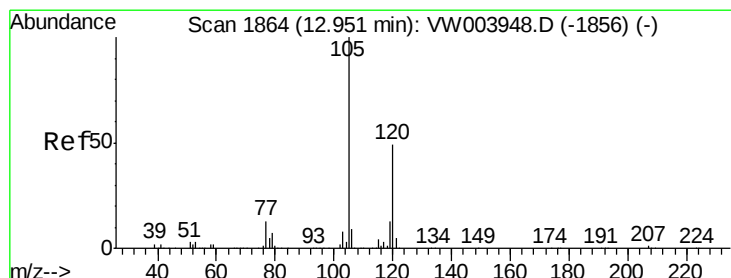
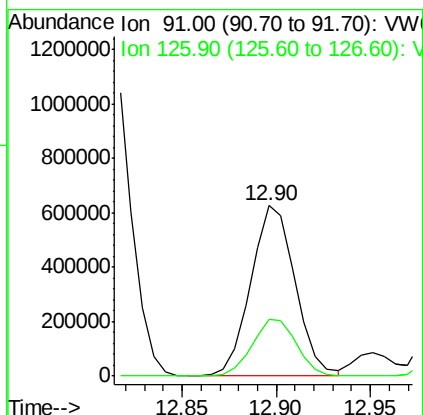
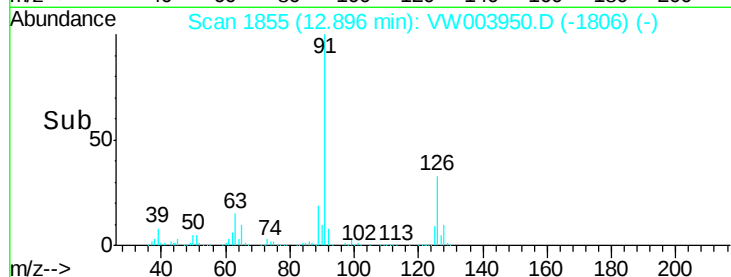
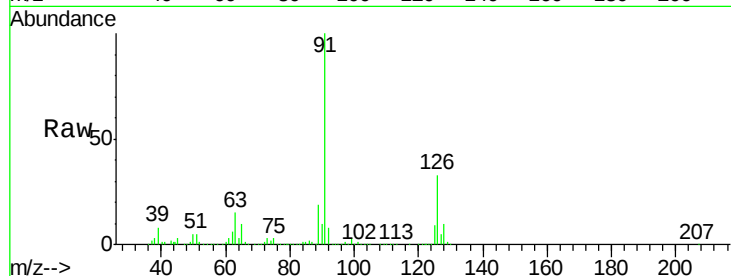
126 33.4 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 98.69 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003950.D

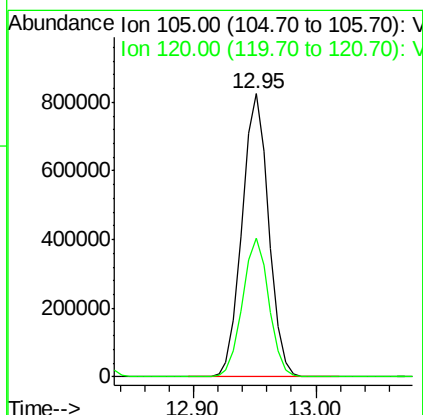
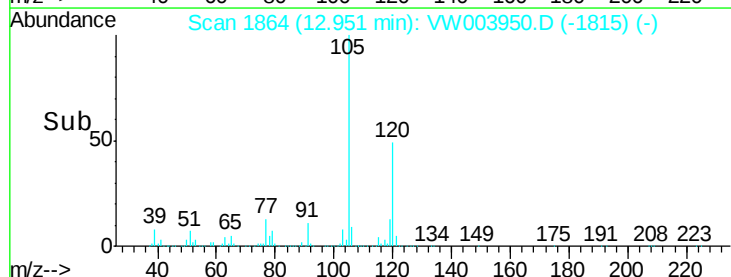
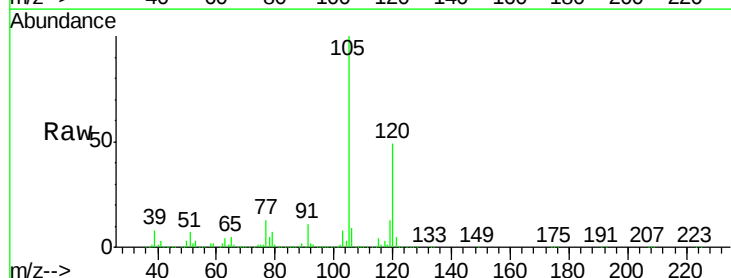
Acq: 16 Jul 2018 14:07

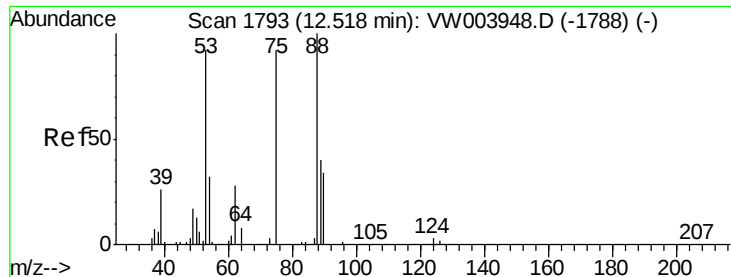
Tgt Ion: 105 Resp: 1239609

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 116.03 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 75 Resp: 103498

Ion Ratio Lower Upper

75 100

53 94.4 77.6 116.4

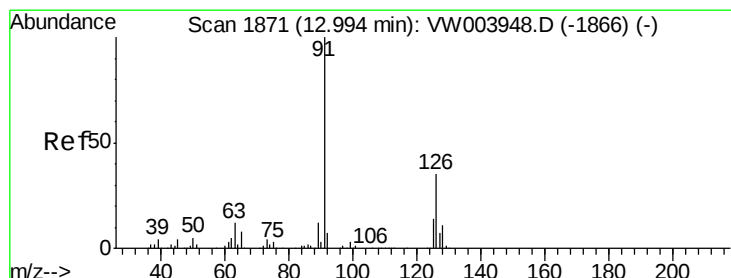
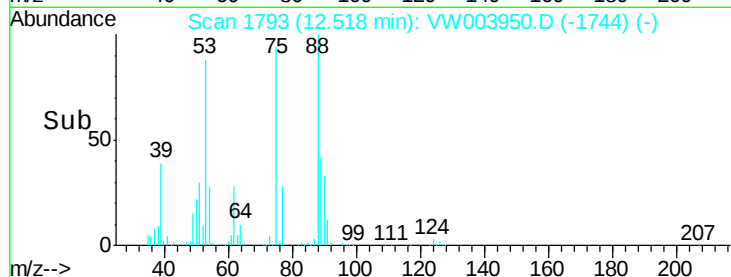
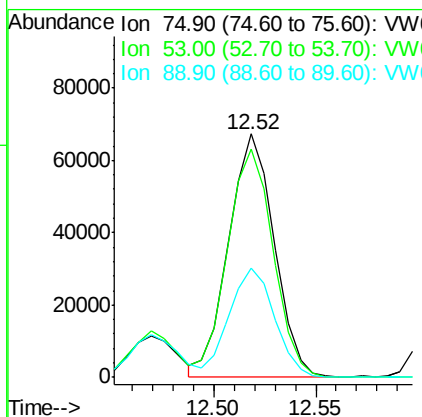
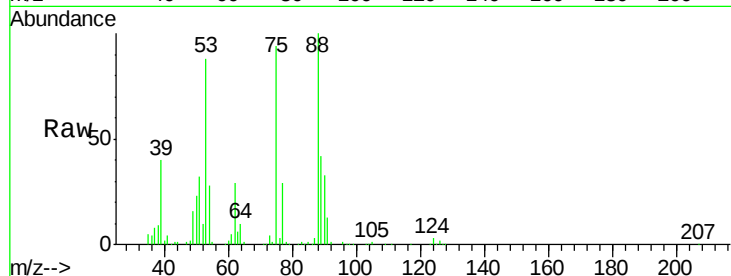
89 44.9 36.6 54.8

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#82

4-Chlorotoluene

Concen: 96.26 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003950.D

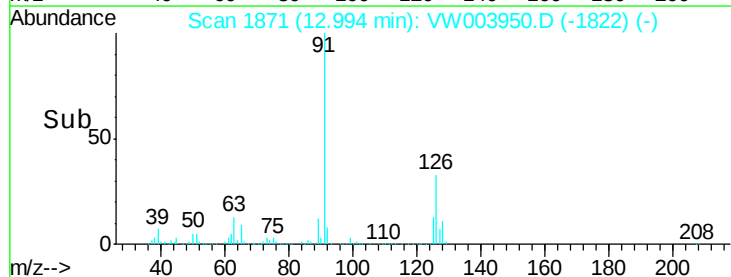
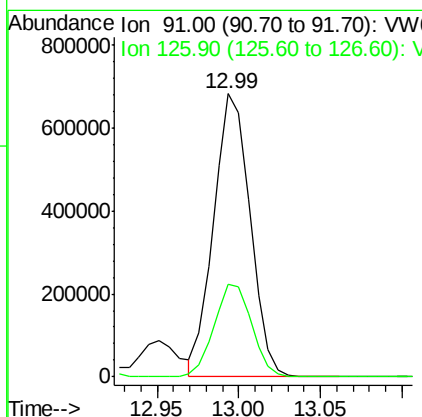
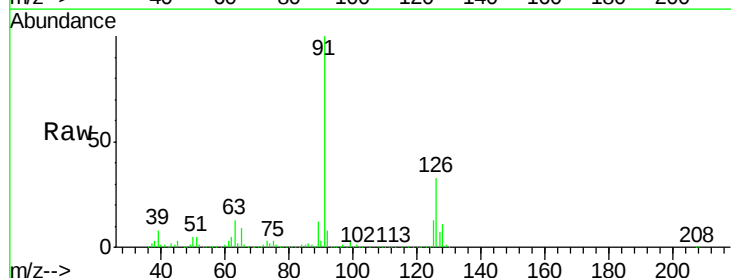
Acq: 16 Jul 2018 14:07

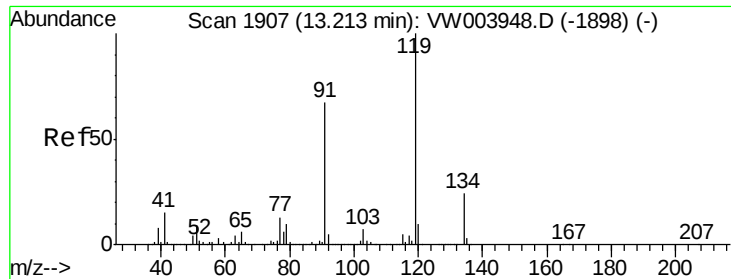
Tgt Ion: 91 Resp: 1064395

Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.0





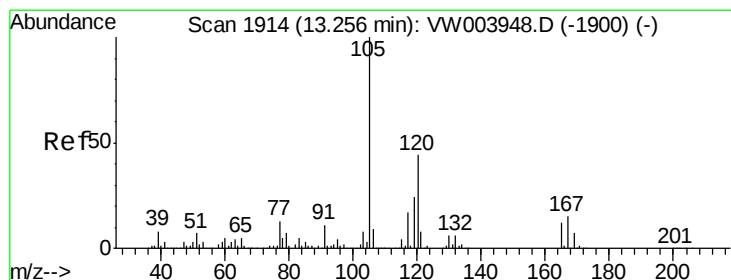
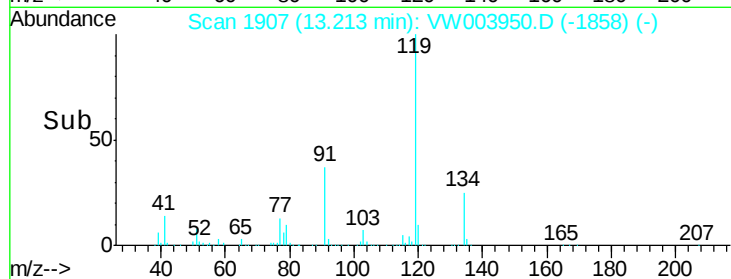
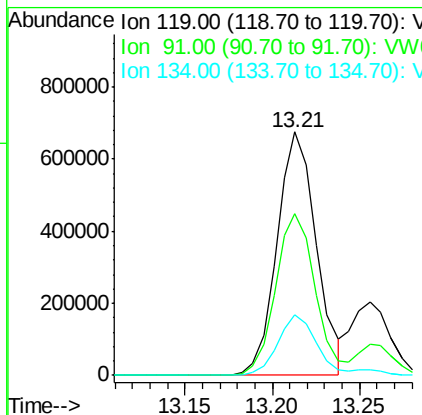
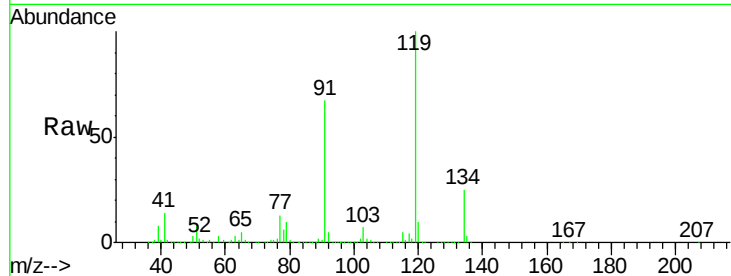
#83
 tert-Butylbenzene
 Concen: 100.85 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion:119 Resp: 1057877
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.2 99.6
 134 26.0 13.0 38.9

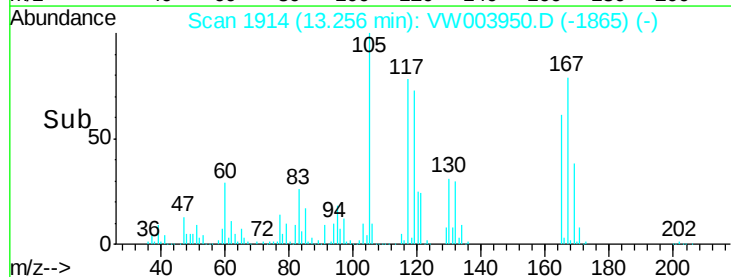
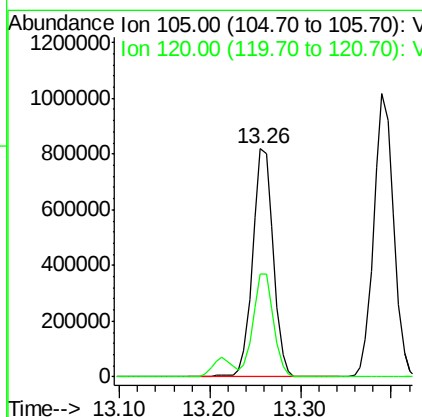
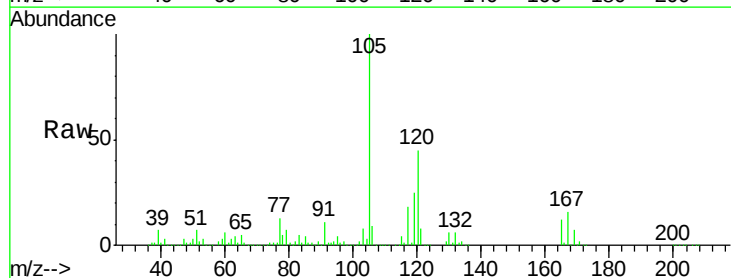
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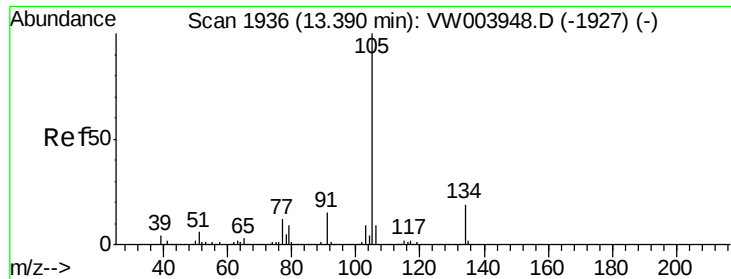
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#84
 1,2,4-Trimethylbenzene
 Concen: 99.48 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion:105 Resp: 1283633
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.1





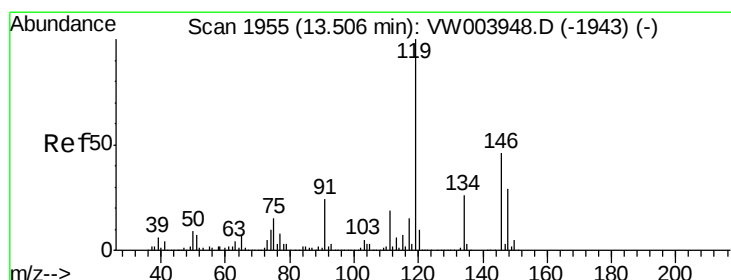
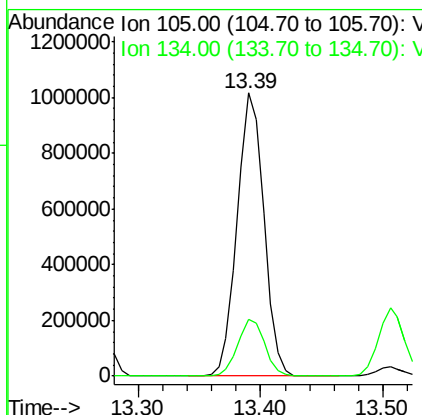
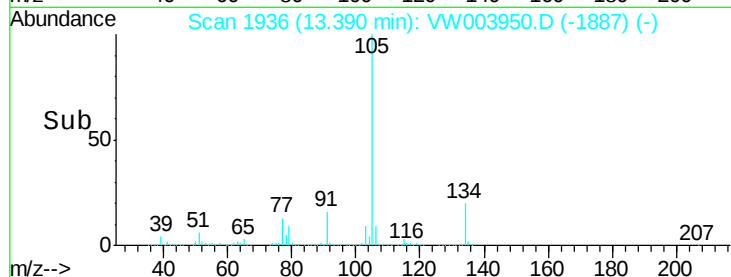
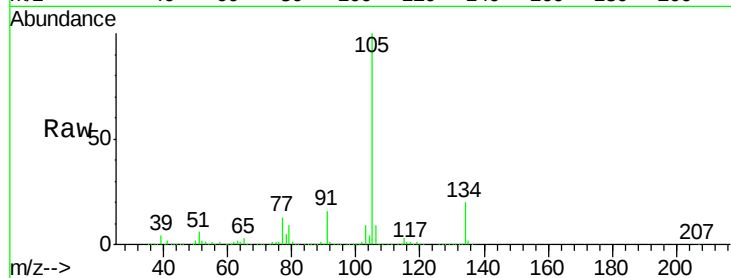
#85
 sec-Butylbenzene
 Concen: 98.14 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1535970
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

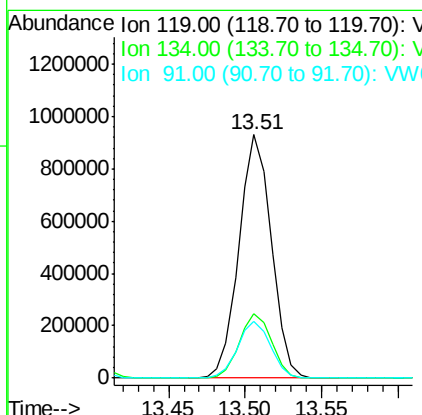
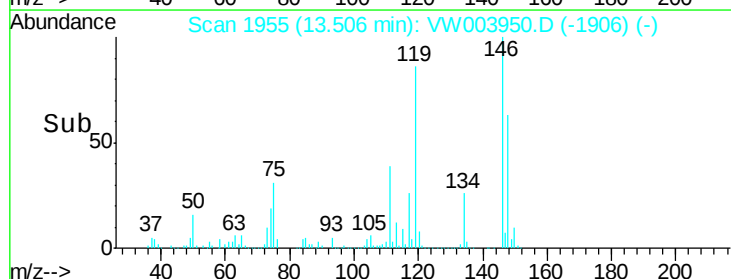
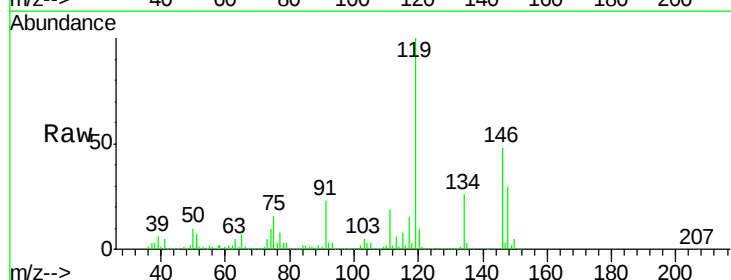
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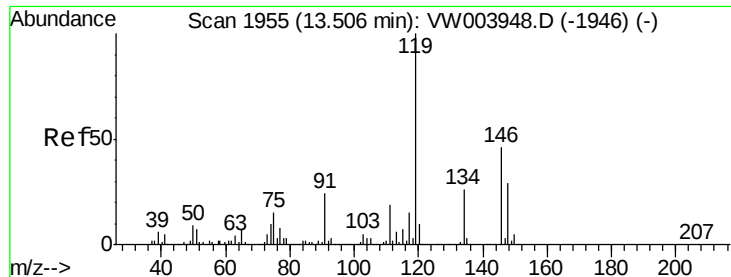
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#86
 p-Isopropyltoluene
 Concen: 99.47 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion:119 Resp: 1365163
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 23.5 11.8 35.3





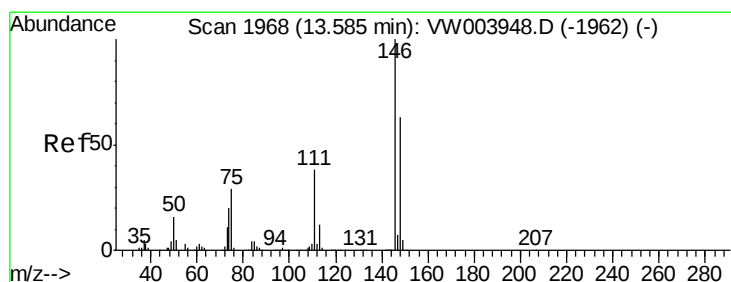
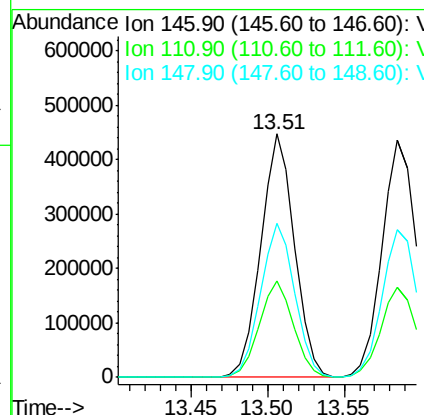
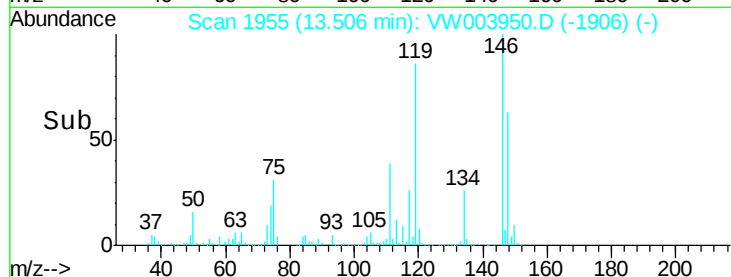
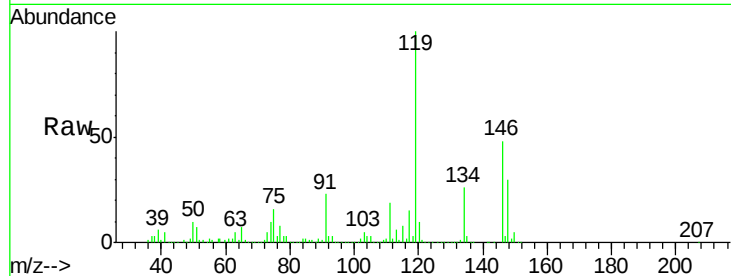
#87
 1,3-Dichlorobenzene
 Concen: 96.10 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.6
148	64.1	31.9	95.5

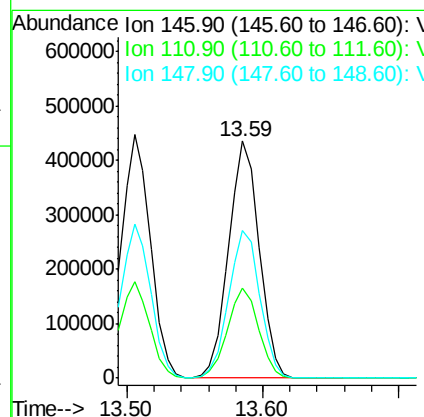
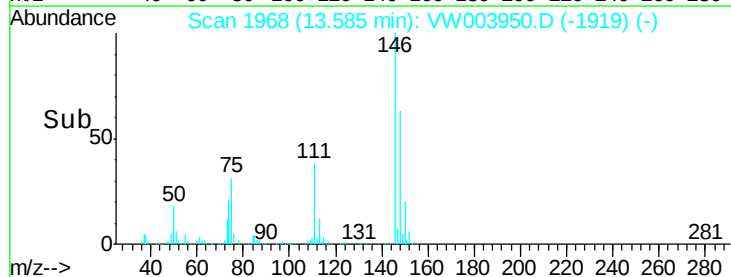
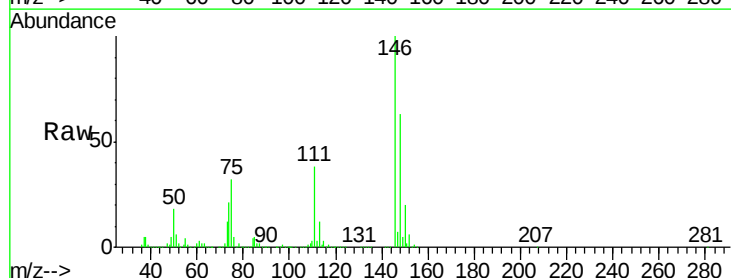
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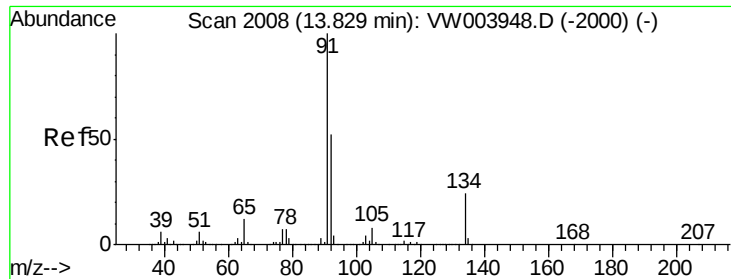
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#88
 1,4-Dichlorobenzene
 Concen: 94.91 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.7
148	63.4	32.3	96.8





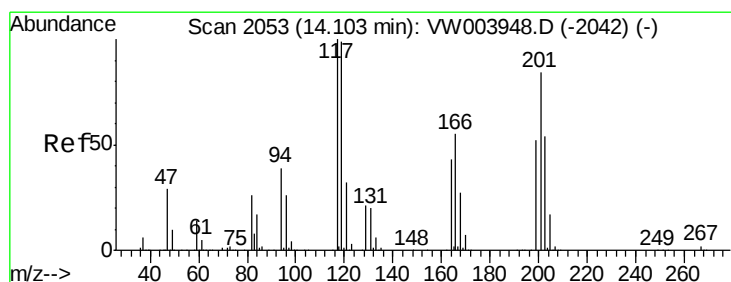
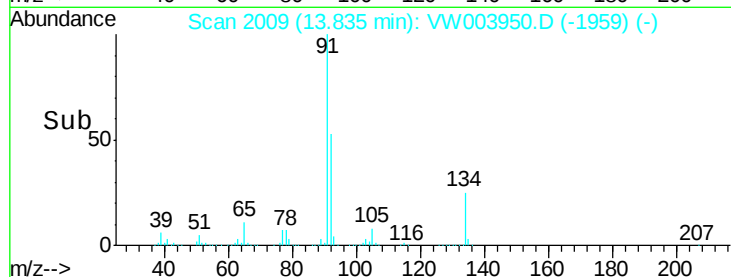
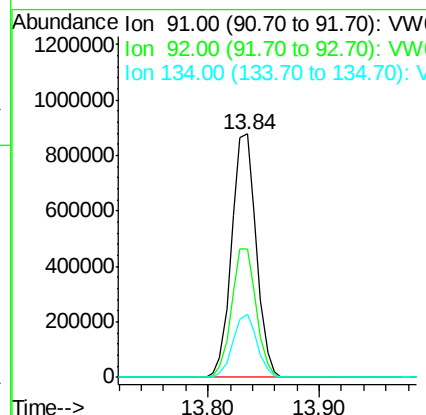
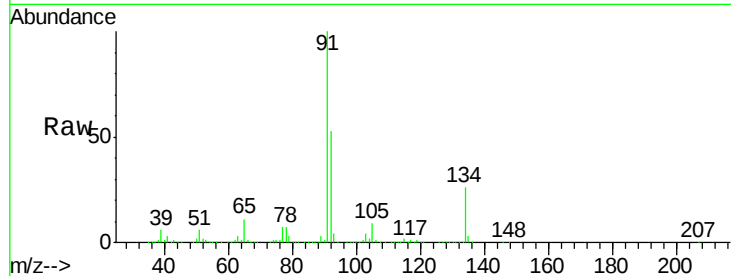
#89
n-Butylbenzene
Concen: 98.97 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1335368
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.3
134 25.4 12.4 37.4

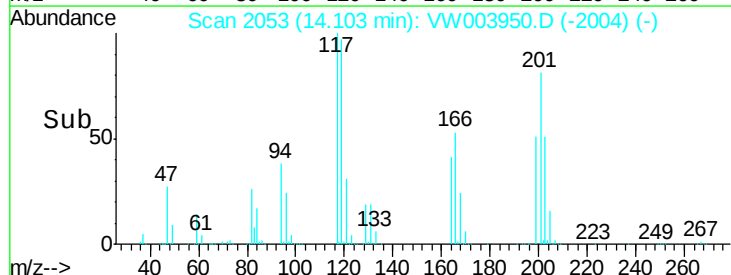
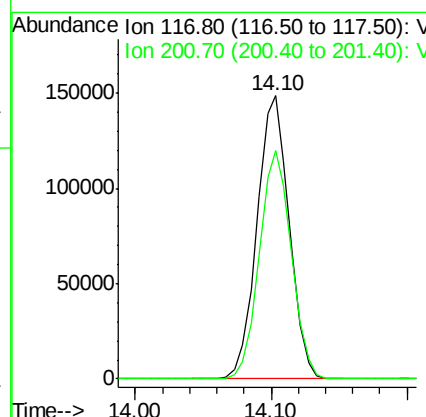
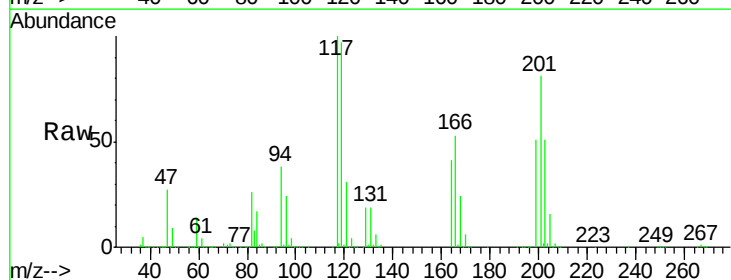
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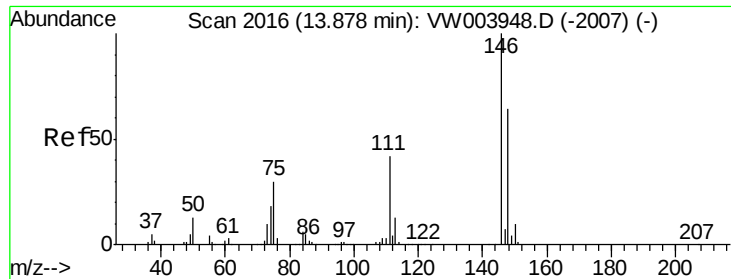
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#90
Hexachloroethane
Concen: 97.20 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 117 Resp: 245858
Ion Ratio Lower Upper
117 100
201 80.3 40.3 120.9





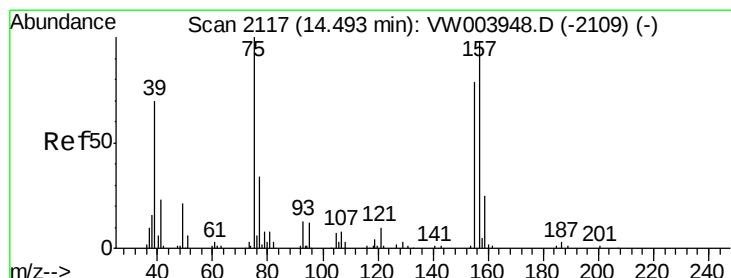
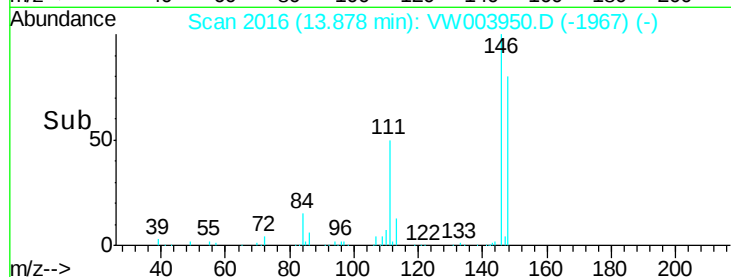
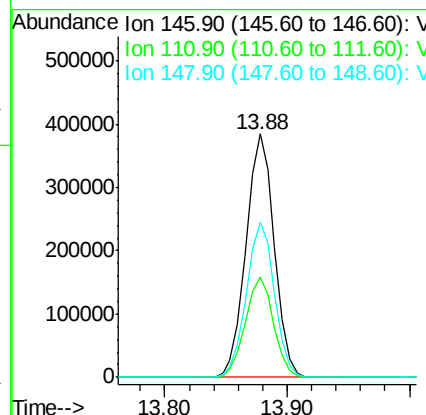
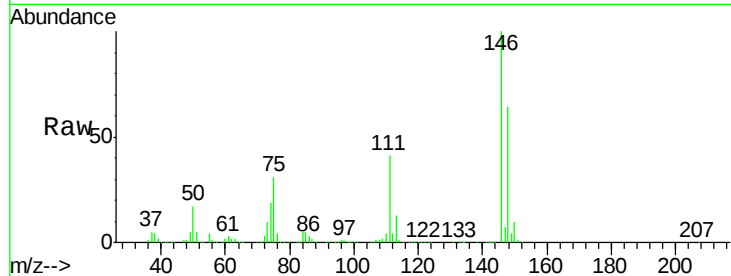
#91
 1,2-Dichlorobenzene
 Concen: 96.62 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	63.4	32.0	96.2

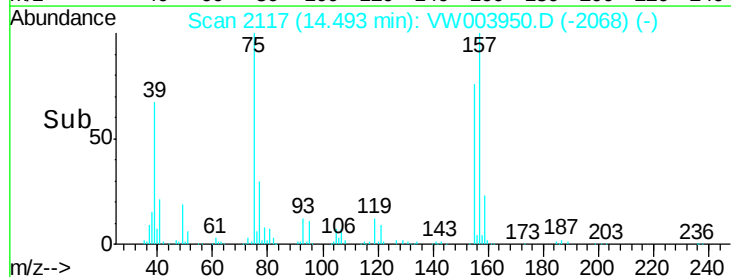
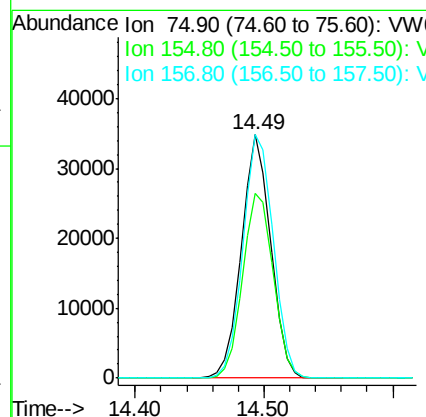
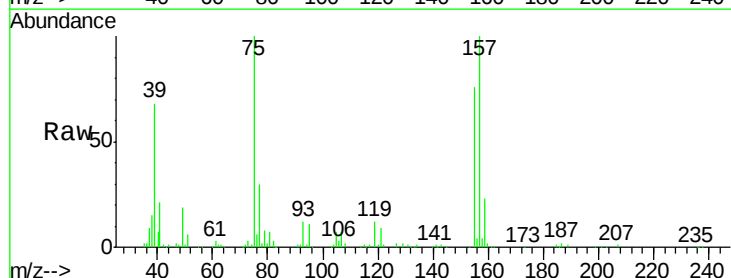
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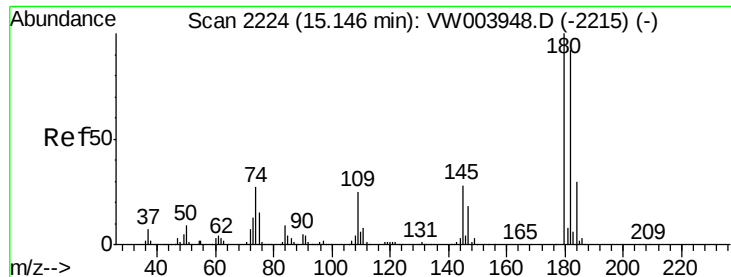
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 110.97 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	39.4	118.1
157	103.4	51.8	155.4





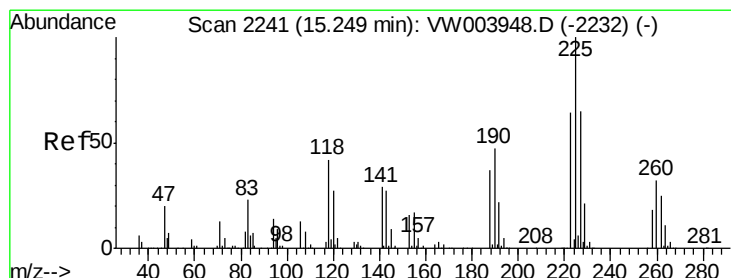
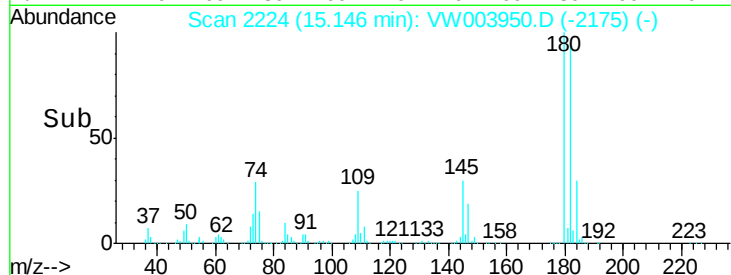
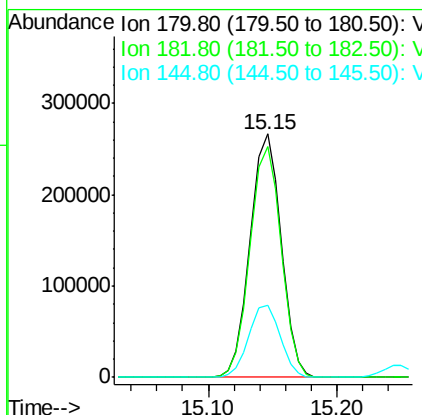
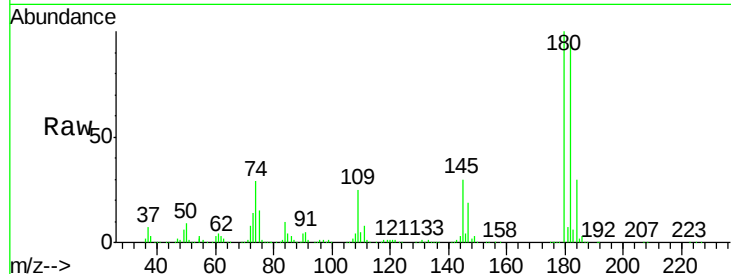
#93
 1,2,4-Trichlorobenzene
 Concen: 100.08 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.8
145	30.4	15.0	45.0

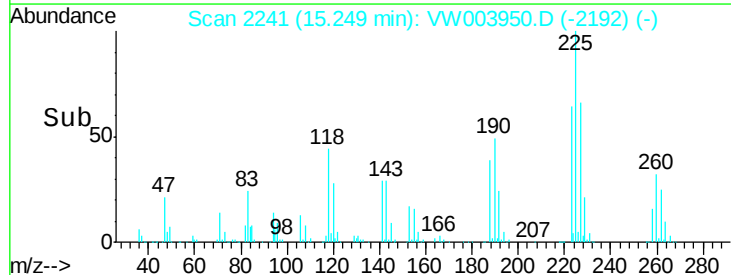
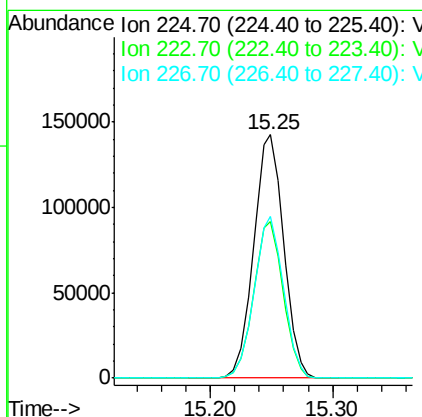
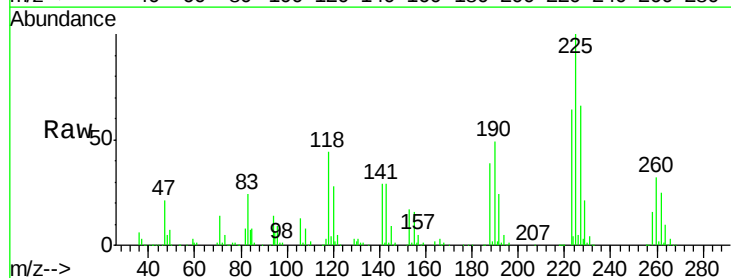
Manual Integrations
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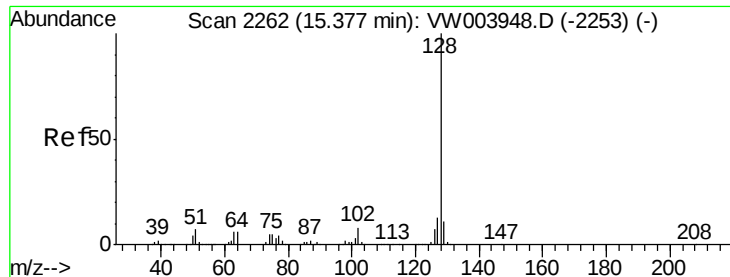
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#94
 Hexachlorobutadiene
 Concen: 95.81 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.0	96.2
227	64.8	32.3	96.9





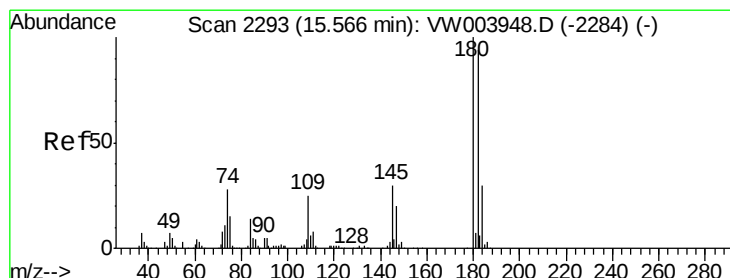
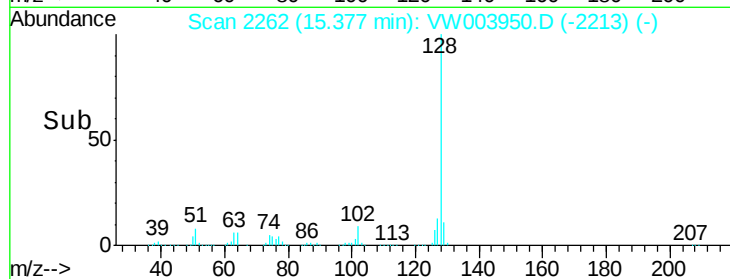
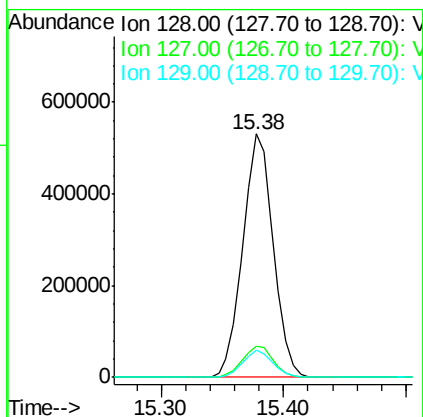
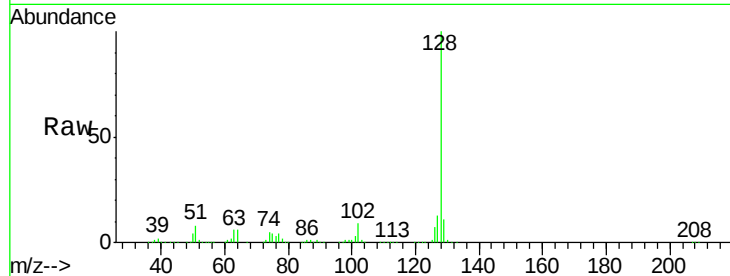
#95
Naphthalene
Concen: 115.52 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 101.73 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	31.9	15.8	47.4

