

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003793.D
 Acq On : 09 Jul 2018 22:55
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 7/10/2018 10:47:28 AM

Quant Time: Jul 10 09:08:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	134565	50.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.82%	
35) Dibromofluoromethane	7.88	113	114210	51.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.54%	
50) Toluene-d8	10.33	98	453797	53.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.62	95	167574	54.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	41363m	42.075	ug/l	
3) Chloromethane	2.21	50	79846	42.782	ug/l	97
4) Vinyl Chloride	2.36	62	107450	43.650	ug/l	97
5) Bromomethane	2.77	94	69282	39.871	ug/l	99
6) Chloroethane	2.92	64	62876	42.591	ug/l	98
7) Trichlorofluoromethane	3.25	101	50103	50.383	ug/l	92
8) Diethyl Ether	3.67	74	47800	46.902	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103155	53.340	ug/l	99
10) Methyl Iodide	4.26	142	152297	52.906	ug/l	98
11) Tert butyl alcohol	5.17	59	40217	280.736	ug/l	98
12) 1,1-Dichloroethene	4.03	96	102464	53.960	ug/l	93
13) Acrolein	3.88	56	59331	344.915	ug/l	100
14) Allyl chloride	4.66	41	171250	51.872	ug/l	99
15) Acrylonitrile	5.36	53	140891	276.064	ug/l	100
16) Acetone	4.12	43	126761	276.393	ug/l	99
17) Carbon Disulfide	4.37	76	319555	51.331	ug/l	100
18) Methyl Acetate	4.67	43	70238	54.320	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	209597	53.417	ug/l	99
20) Methylene Chloride	4.90	84	116180	52.171	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	115700	51.468	ug/l	100
22) Diisopropyl ether	6.31	45	385175	53.069	ug/l	99
23) Vinyl Acetate	6.26	43	1176095	265.448	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221695	50.503	ug/l	100
25) 2-Butanone	7.18	43	193604	269.518	ug/l	97
26) 2,2-Dichloropropane	7.17	77	114122	47.931	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	127027	51.099	ug/l	99
28) Bromochloromethane	7.51	49	97025	49.616	ug/l	100
29) Tetrahydrofuran	7.53	42	129806	281.103	ug/l	99
30) Chloroform	7.68	83	229248	51.195	ug/l	100
31) Cyclohexane	7.95	56	189511	49.129	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	176023	51.648	ug/l	99
36) 1,1-Dichloropropene	8.08	75	177709	53.138	ug/l	100
37) Ethyl Acetate	7.26	43	87331	53.668	ug/l	100
38) Carbon Tetrachloride	8.07	117	167334	52.626	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199768	54.540	ug/l	99
40) Benzene	8.32	78	507106	53.040	ug/l	99
41) Methacrylonitrile	7.49	41	46660	49.848	ug/l	95
42) 1,2-Dichloroethane	8.40	62	163852	52.953	ug/l	100
43) Isopropyl Acetate	8.43	43	163320	52.957	ug/l	99
44) Trichloroethene	9.09	130	128063	53.131	ug/l	97
45) 1,2-Dichloropropane	9.37	63	132436	53.274	ug/l	99
46) Dibromomethane	9.46	93	70592	54.005	ug/l	99
47) Bromodichloromethane	9.65	83	171999	53.487	ug/l	100
48) Methyl methacrylate	9.44	41	81376	55.405	ug/l	98
49) 1,4-Dioxane	9.45	88	23594	1207.716	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	459631	288.005	ug/l	100
52) Toluene	10.39	92	323811	54.619	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	171657	53.463	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	194228	53.588	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97834	53.889	ug/l	95
56) Ethyl methacrylate	10.65	69	125544	56.668	ug/l	99
57) 1,3-Dichloropropane	10.93	76	169548	53.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	299810	256.655	ug/l	99
59) 2-Hexanone	10.98	43	322477	294.260	ug/l	99
60) Dibromochloromethane	11.13	129	116744	55.088	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94247	54.285	ug/l	100
64) Tetrachloroethene	10.87	164	120619	52.857	ug/l	98
65) Chlorobenzene	11.66	112	354140	52.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	126439	53.202	ug/l	99
67) Ethyl Benzene	11.74	91	629696	54.148	ug/l	98
68) m/p-Xylenes	11.85	106	490267	110.094	ug/l	99
69) o-Xylene	12.17	106	228147	55.523	ug/l	99
70) Styrene	12.19	104	395846	56.651	ug/l	99
71) Bromoform	12.35	173	71594	54.586	ug/l #	98
73) Isopropylbenzene	12.47	105	623676	53.672	ug/l	100
74) N-amyl acetate	12.28	43	167941	53.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	122579	52.036	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82446m	48.932	ug/l	
77) Bromobenzene	12.75	156	150417	52.141	ug/l	98
78) n-propylbenzene	12.81	91	789727	54.139	ug/l	100
79) 2-Chlorotoluene	12.90	91	444004	52.982	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	545825	54.500	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	36362	52.792	ug/l	98
82) 4-Chlorotoluene	12.99	91	475203	52.733	ug/l	100
83) tert-Butylbenzene	13.21	119	454072	54.975	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	560045	53.828	ug/l	98
85) sec-Butylbenzene	13.39	105	667969	54.061	ug/l	100
86) p-Isopropyltoluene	13.51	119	594380	55.052	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	303921	51.999	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	300900	51.196	ug/l	100
89) n-Butylbenzene	13.83	91	571556	53.817	ug/l	100
90) Hexachloroethane	14.10	117	107715	51.792	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	274267	52.136	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21787	53.431	ug/l	98

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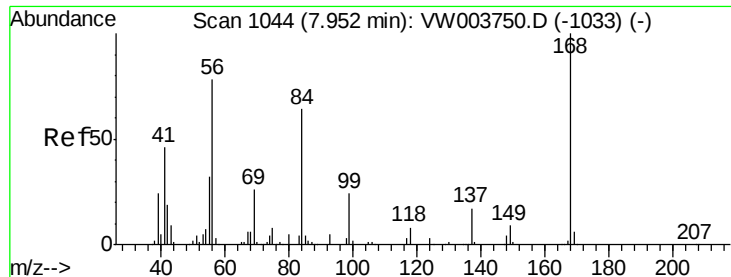
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185653	52.138	ug/l	100
94) Hexachlorobutadiene	15.24	225	104596	51.354	ug/l	98
95) Naphthalene	15.38	128	354161	55.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	166662	52.272	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 202140

Ion Ratio Lower Upper

168 100

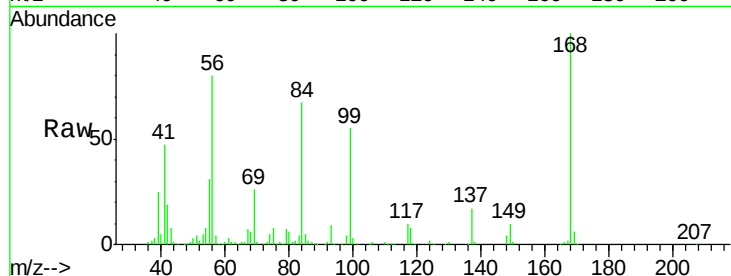
99 55.3 45.0 67.6

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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

100000

80000

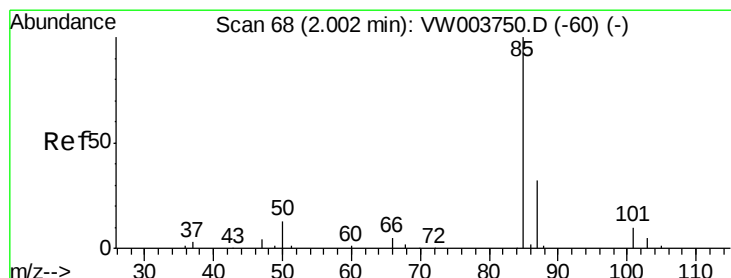
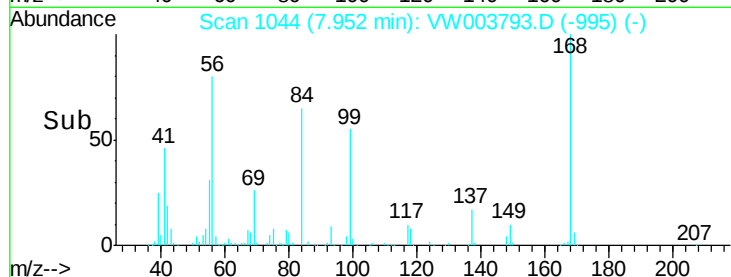
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.075 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003793.D

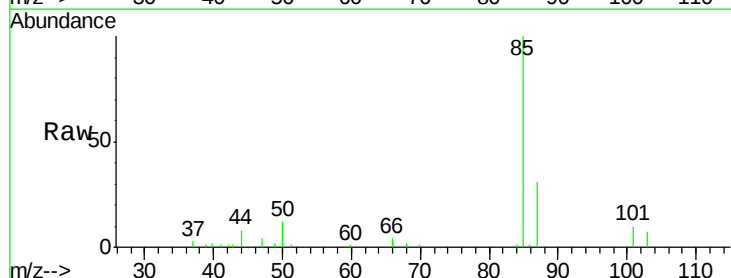
Acq: 09 Jul 2018 22:55

Tgt Ion: 85 Resp: 41363

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

12000

10000

8000

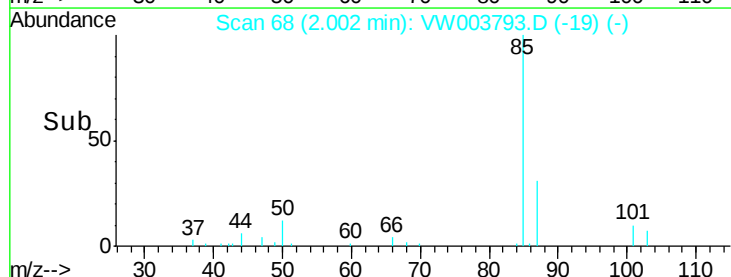
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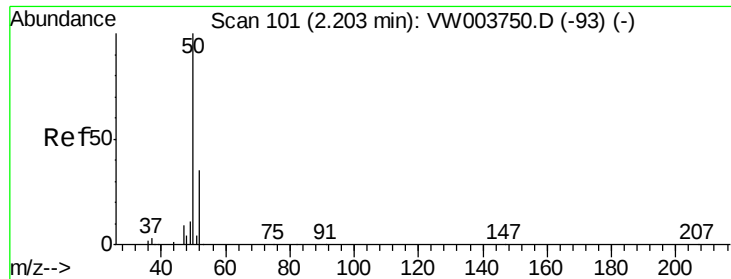
4000

2000

0

Time-->





#3

Chloromethane

Concen: 42.782 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 79846

Ion Ratio Lower Upper

50 100

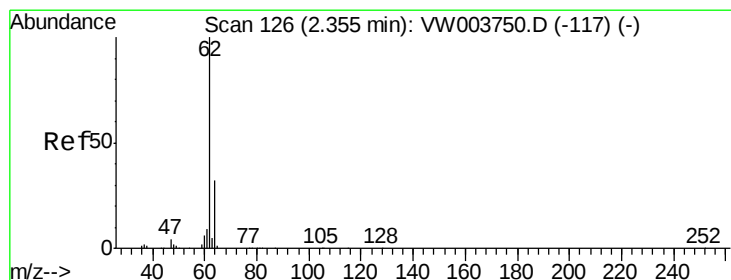
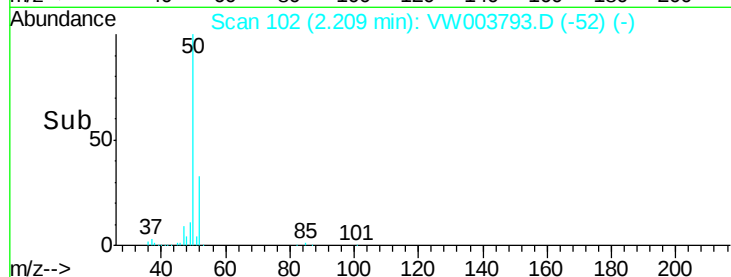
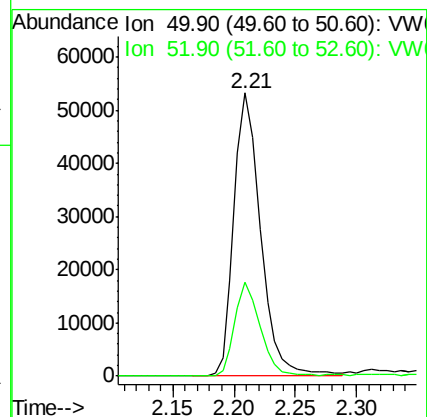
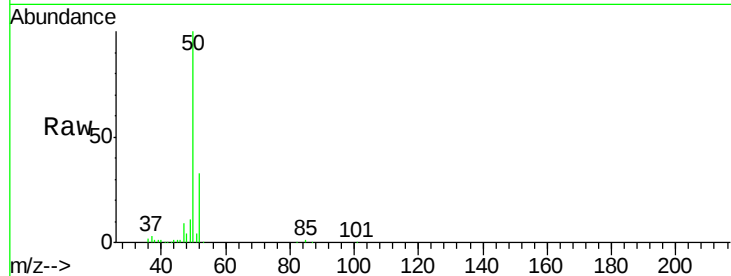
52 33.1 27.8 41.6

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#4

Vinyl Chloride

Concen: 43.650 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003793.D

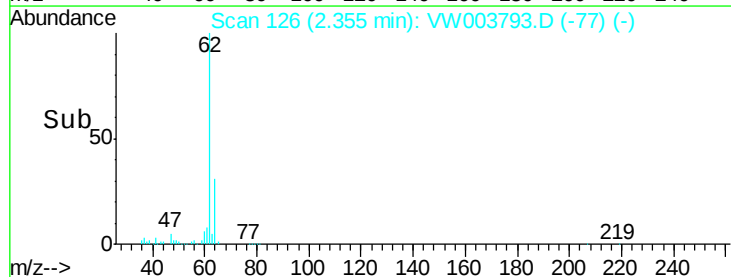
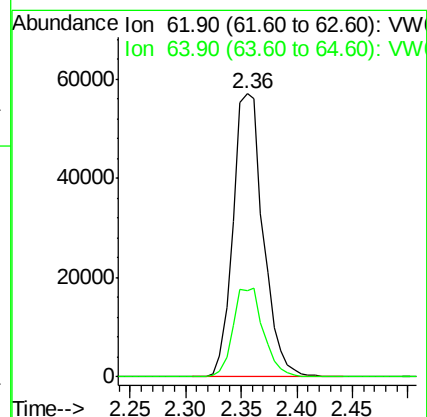
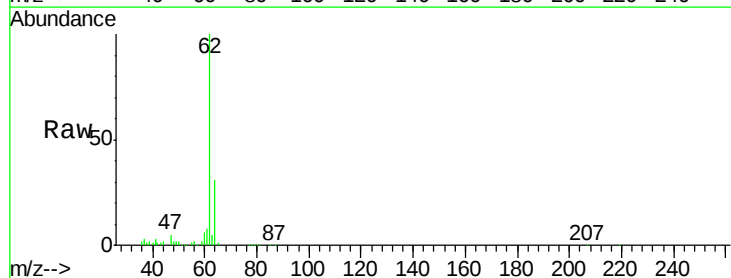
Acq: 09 Jul 2018 22:55

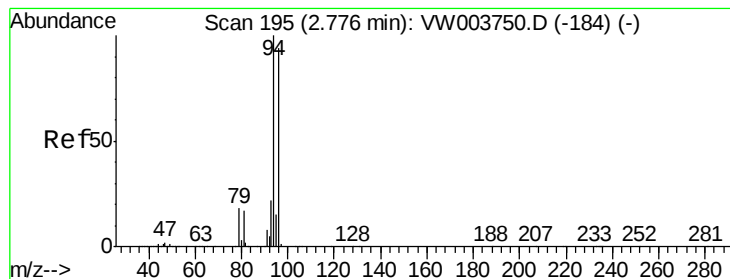
Tgt Ion: 62 Resp: 107450

Ion Ratio Lower Upper

62 100

64 30.5 25.8 38.8





#5

Bromomethane

Concen: 39.871 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69282

Ion Ratio Lower Upper

94 100

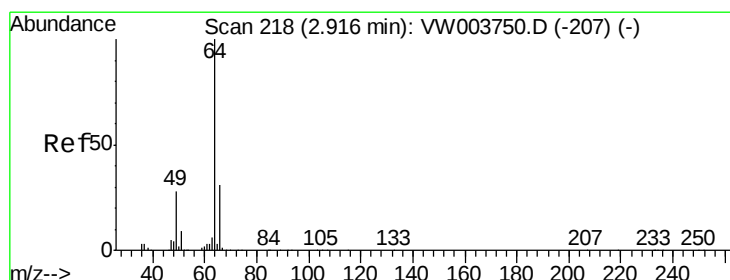
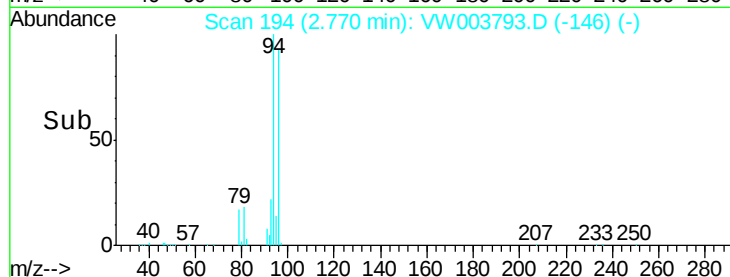
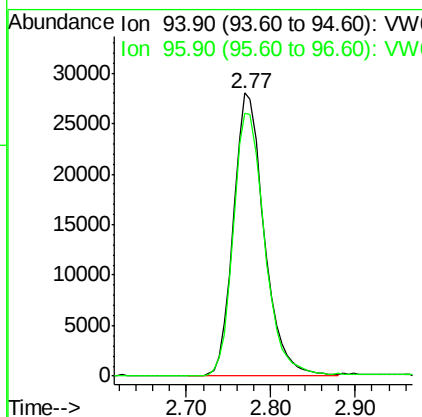
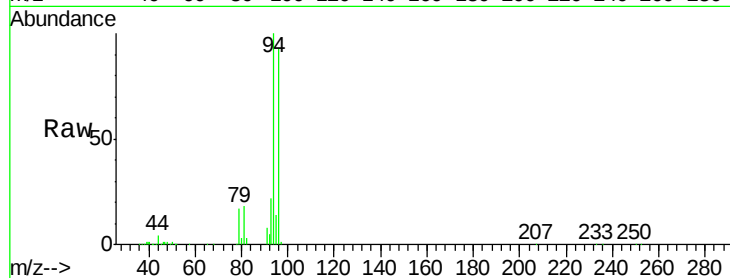
96 92.7 74.8 112.2

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#6

Chloroethane

Concen: 42.591 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003793.D

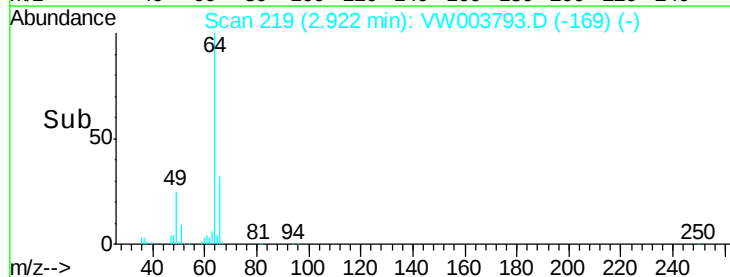
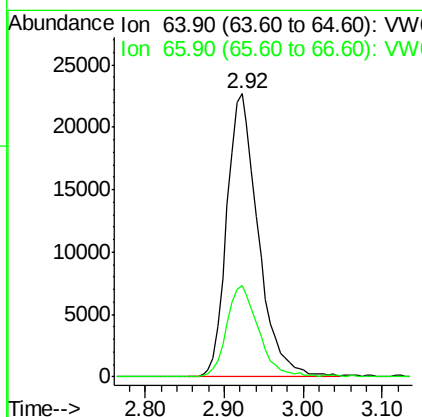
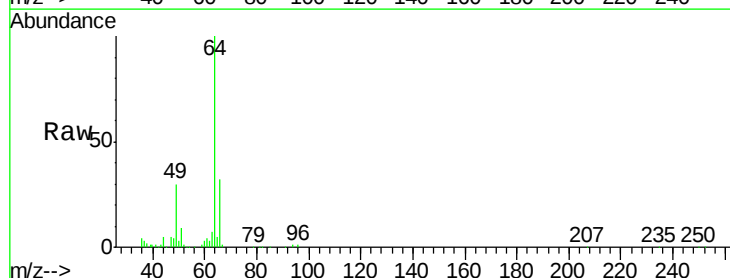
Acq: 09 Jul 2018 22:55

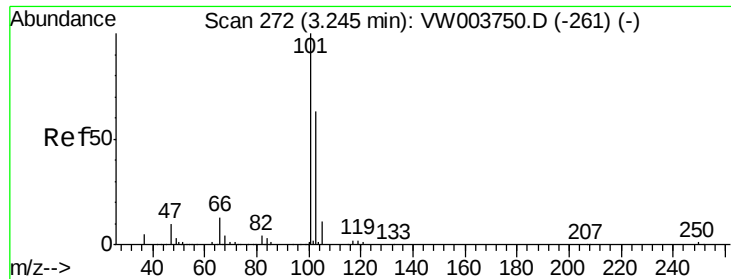
Tgt Ion: 64 Resp: 62876

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7





#7

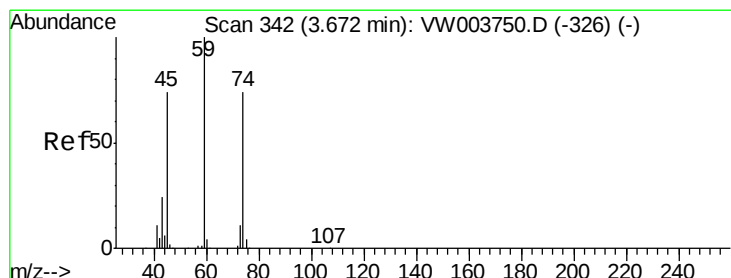
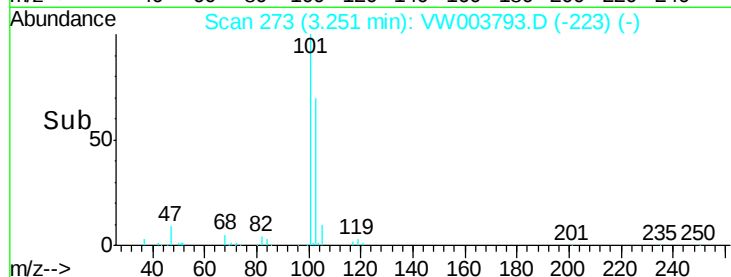
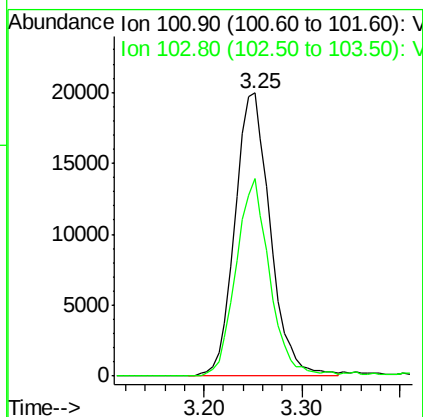
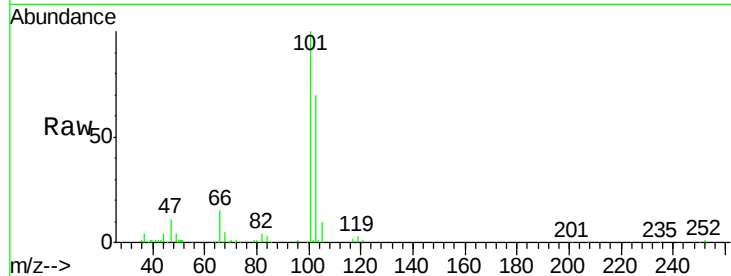
Trichlorofluoromethane
 Concen: 50.383 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VW003793.D
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.9	50.7	76.1

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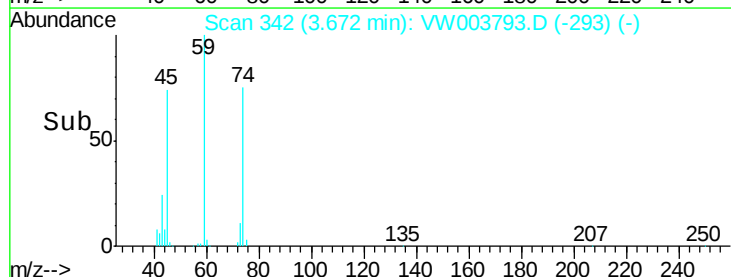
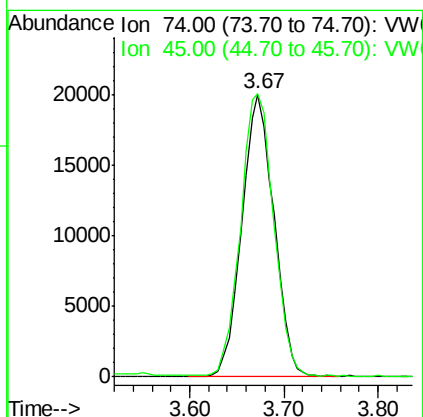
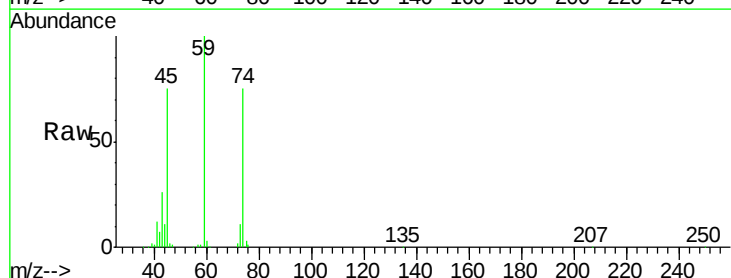
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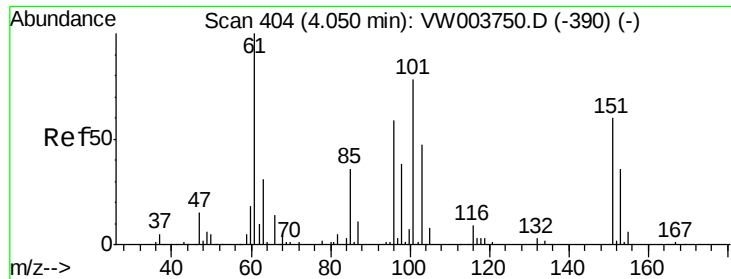


#8

Diethyl Ether
 Concen: 46.902 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.9	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.340 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003793.D

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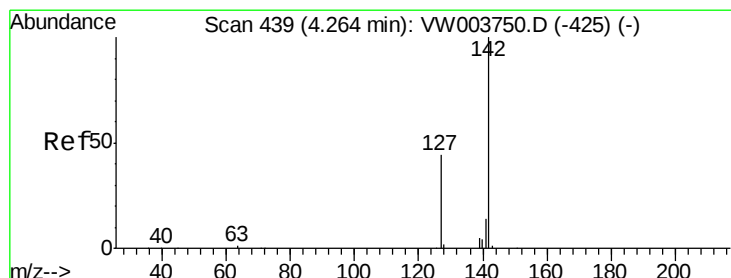
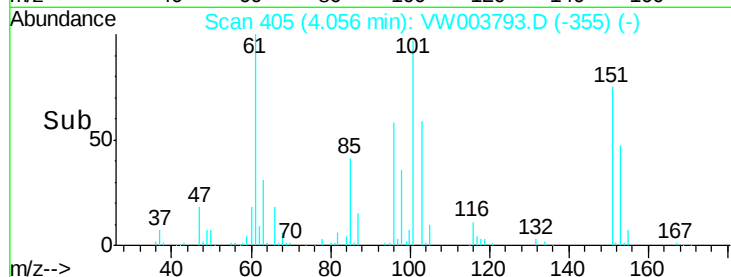
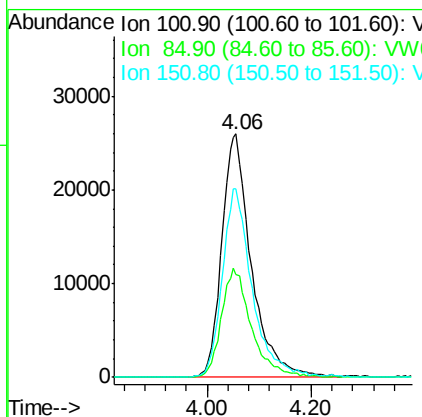
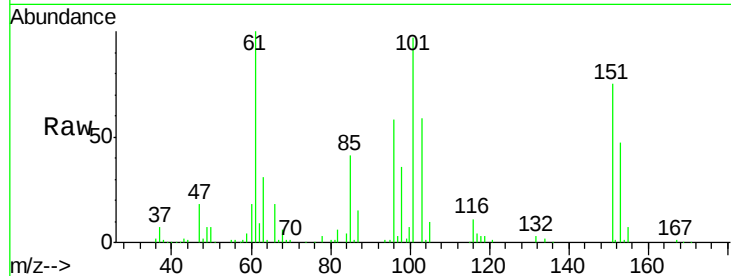
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	103155
Ion Ratio	Lower	Upper	
101	100		
85	45.4	37.1	55.7
151	78.3	62.3	93.5

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#10

Methyl Iodide

Concen: 52.906 ug/l

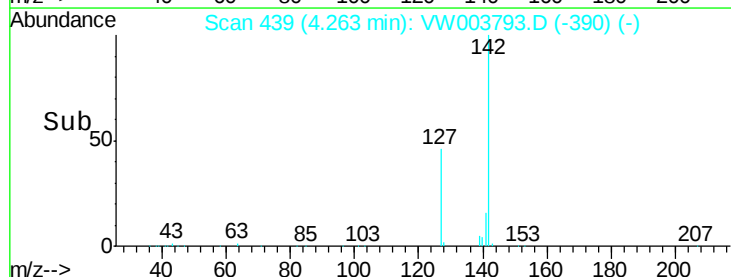
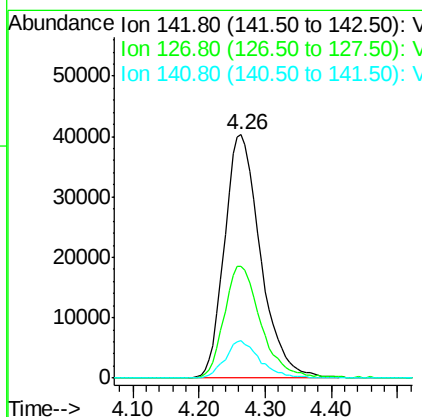
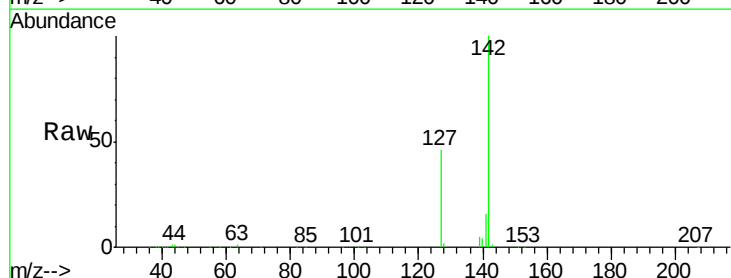
RT: 4.26 min Scan# 439

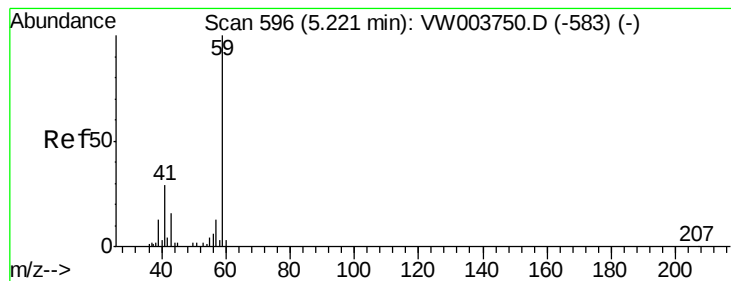
Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion:	142	Resp:	152297
Ion Ratio	Lower	Upper	
142	100		
127	46.7	36.1	54.1
141	14.8	11.6	17.4





#11

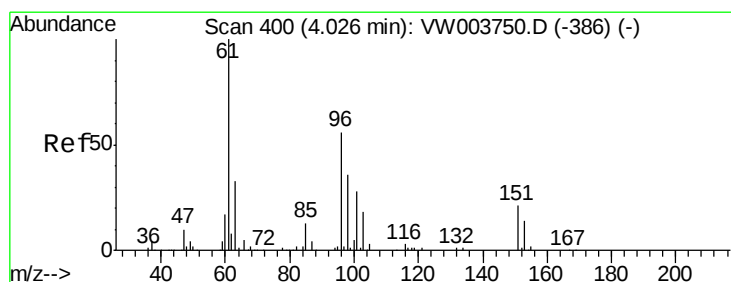
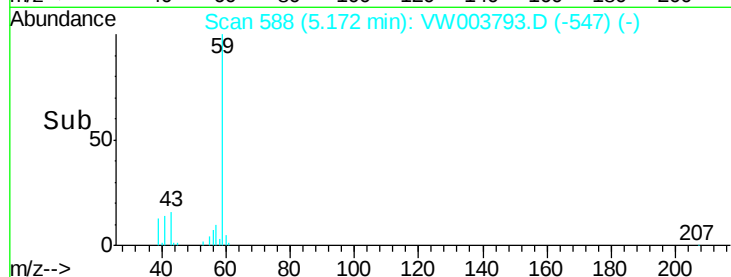
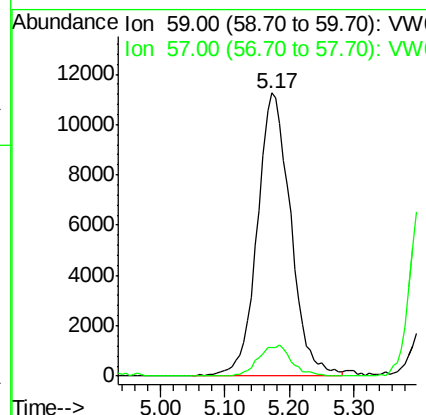
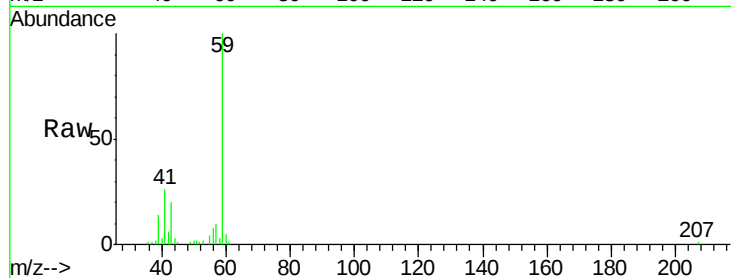
Tert butyl alcohol
 Concen: 280.736 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.3	13.9

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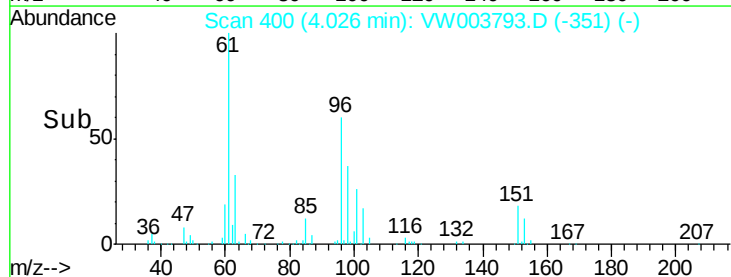
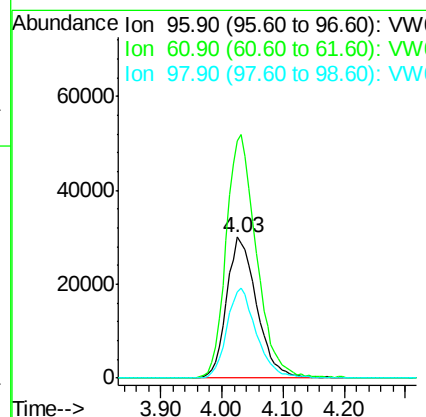
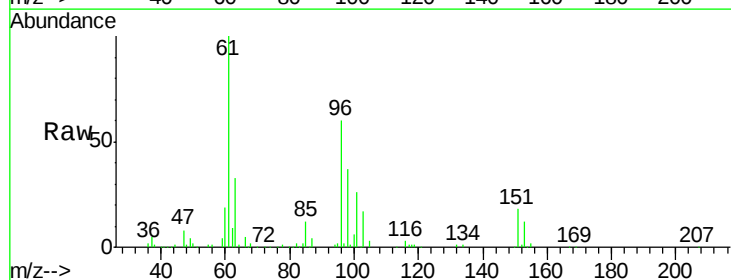
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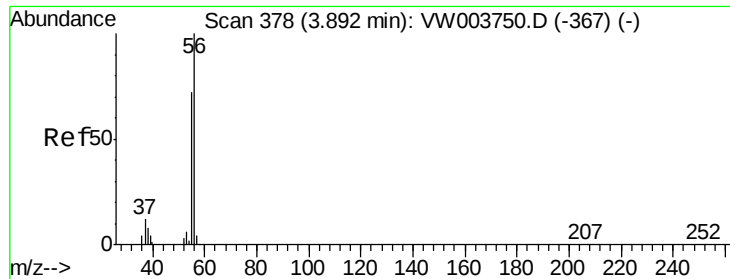


#12

1,1-Dichloroethene
 Concen: 53.960 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.0	143.2	214.8
98	61.5	51.4	77.0





#13

Acrolein

Concen: 344.915 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 59331

Ion Ratio Lower Upper

56 100

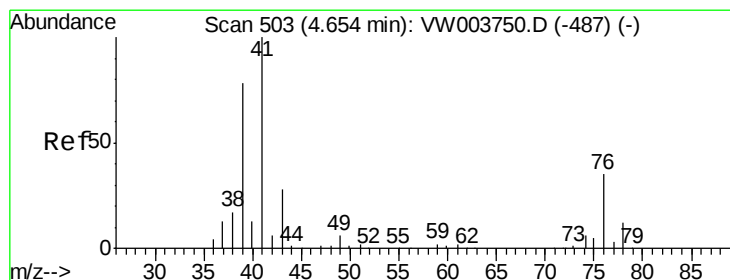
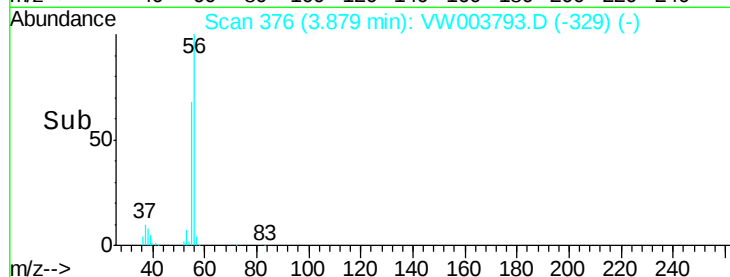
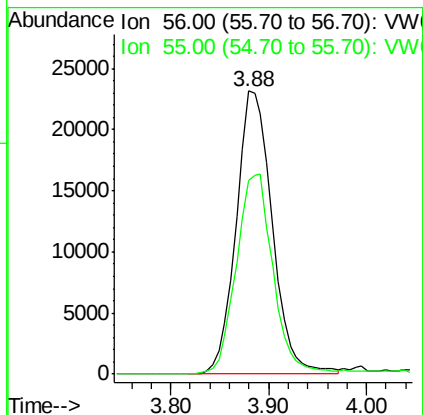
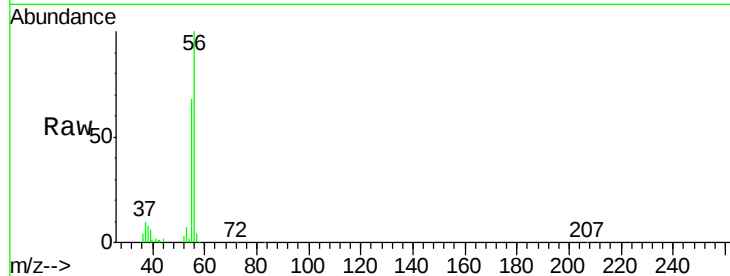
55 71.8 57.5 86.3

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#14

Allyl chloride

Concen: 51.872 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

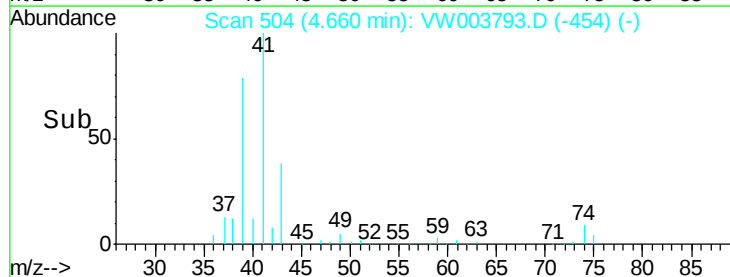
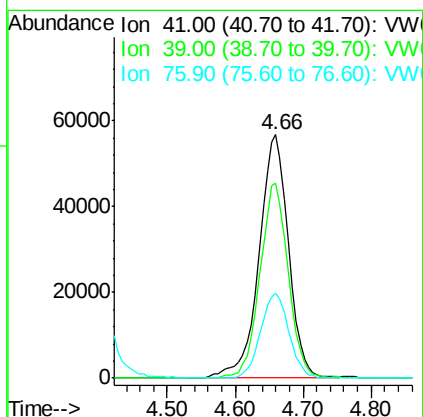
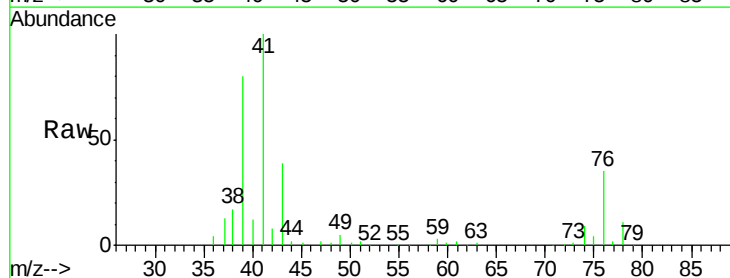
Tgt Ion: 41 Resp: 171250

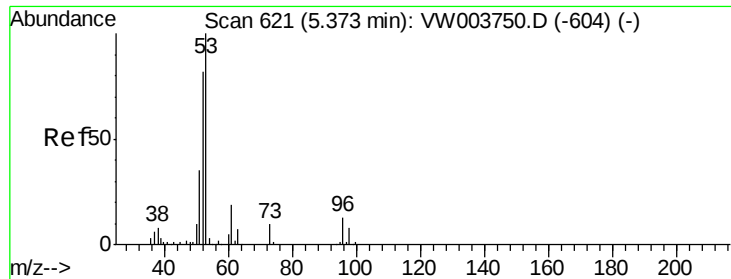
Ion Ratio Lower Upper

41 100

39 77.3 60.9 91.3

76 33.7 27.5 41.3





#15

Acrylonitrile

Concen: 276.064 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

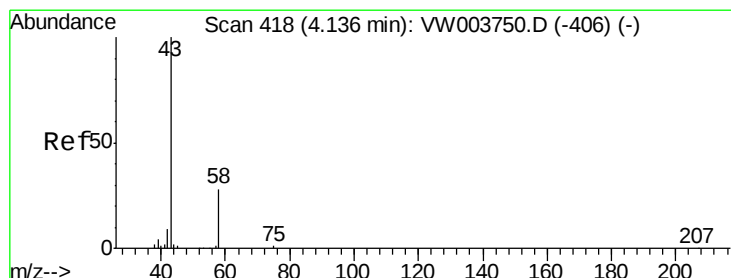
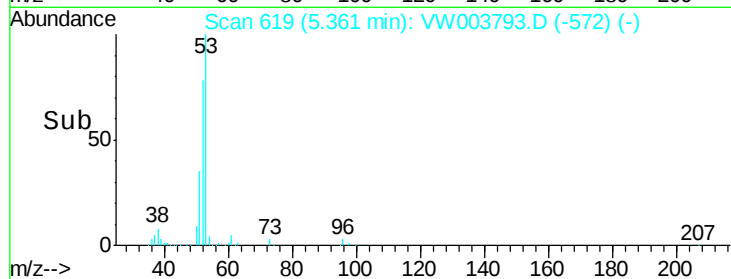
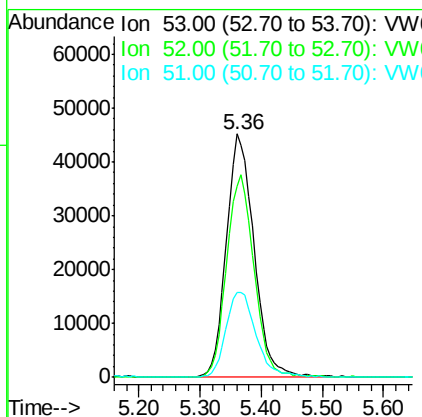
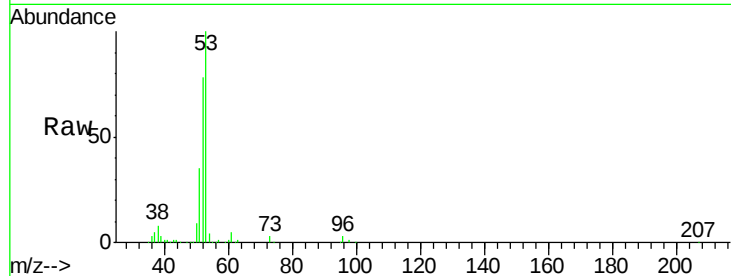
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	140891
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.2	99.2
51	38.1	30.2	45.4

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#16

Acetone

Concen: 276.393 ug/l

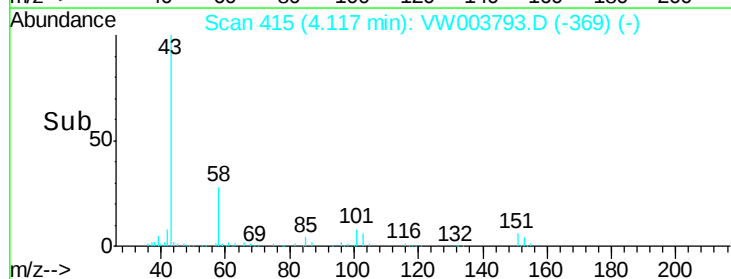
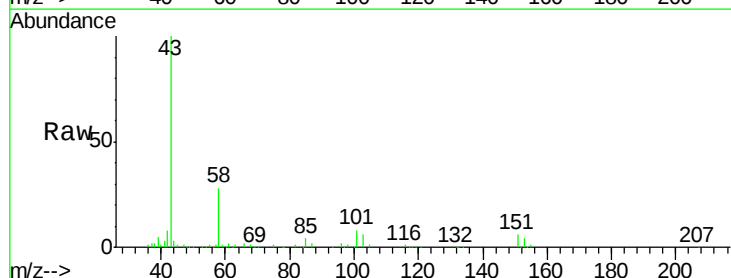
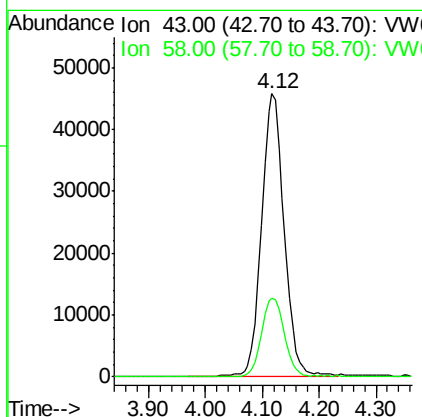
RT: 4.12 min Scan# 415

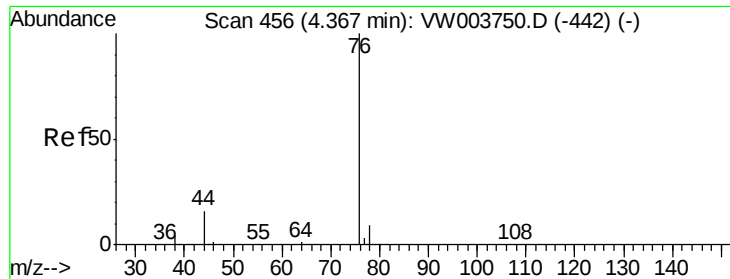
Delta R.T. -0.02 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion:	43	Resp:	126761
Ion Ratio		Lower	Upper
43	100		
58	27.6	22.6	34.0





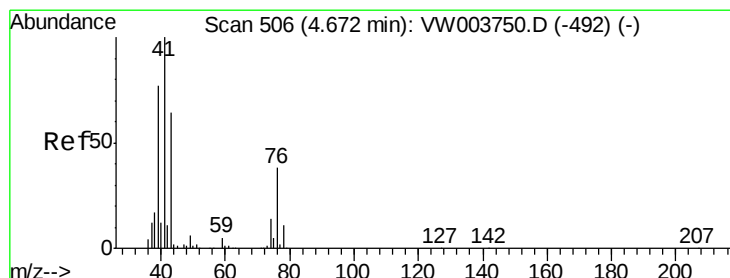
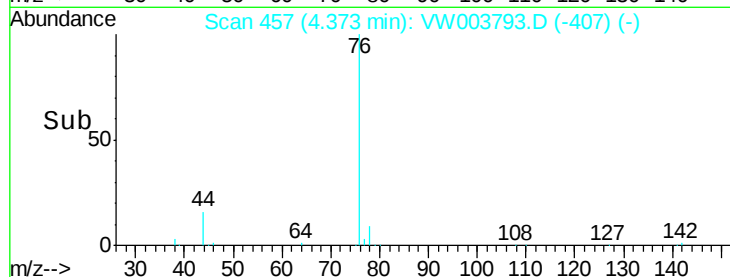
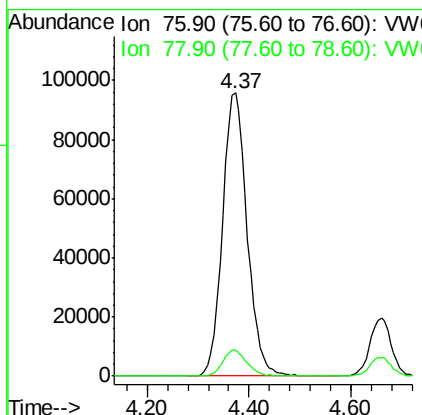
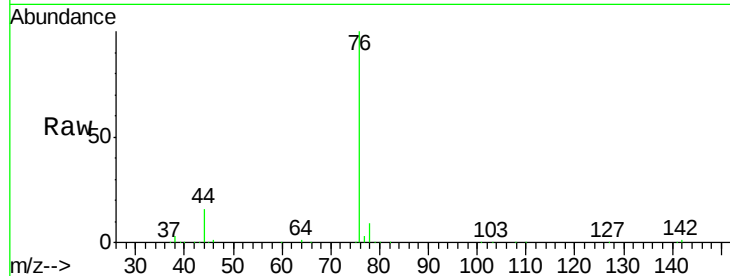
#17
Carbon Disulfide
Concen: 51.331 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

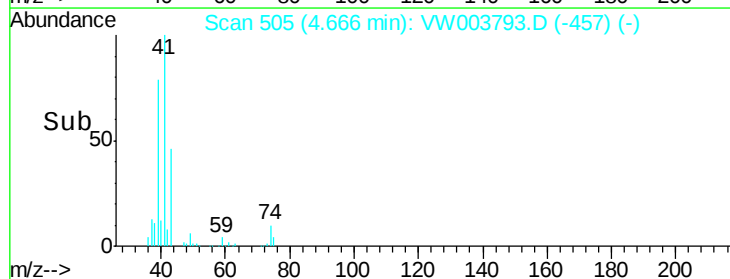
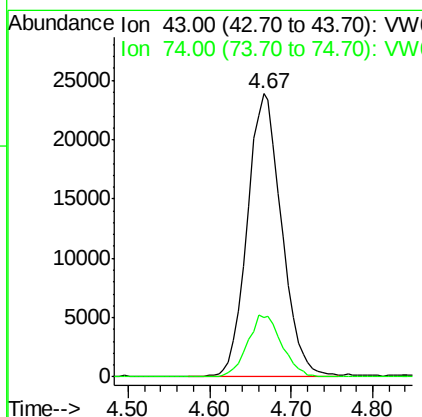
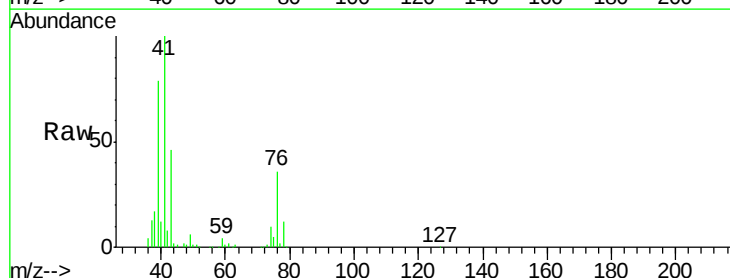
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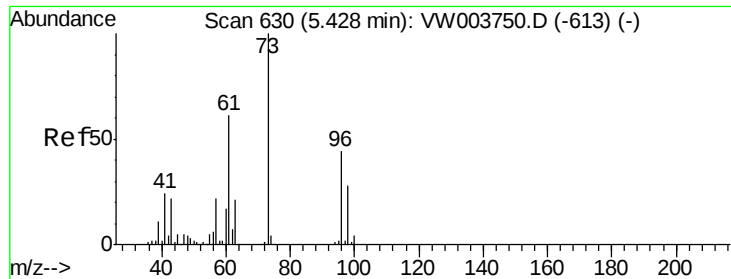
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#18
Methyl Acetate
Concen: 54.320 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.3	25.9





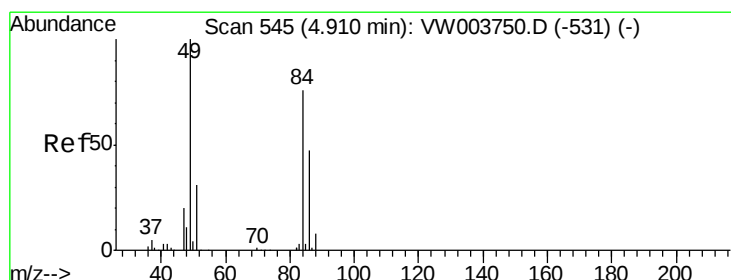
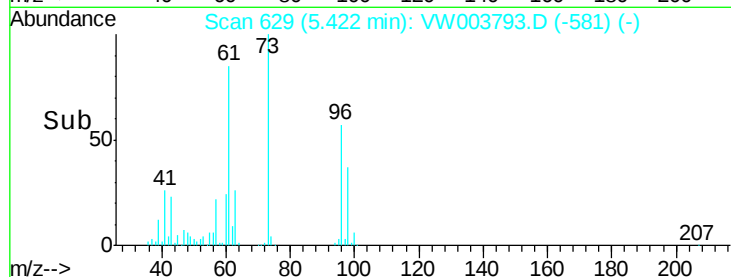
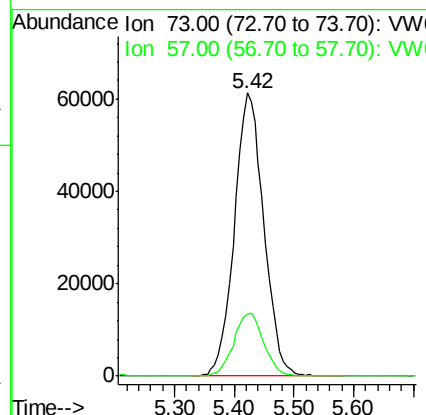
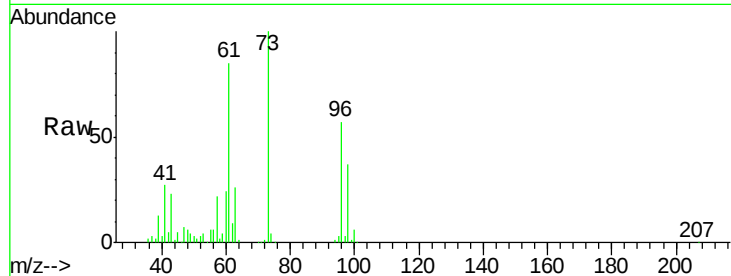
#19
Methvl tert-butvl Ether
Concen: 53.417 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.9	26.9

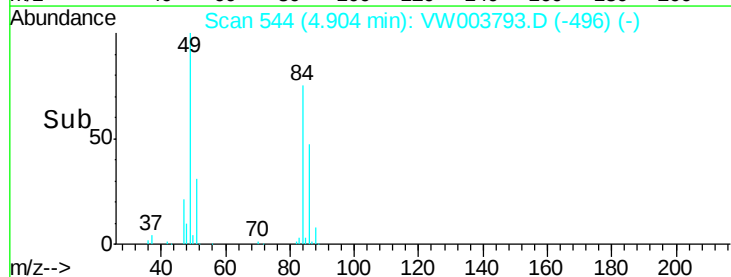
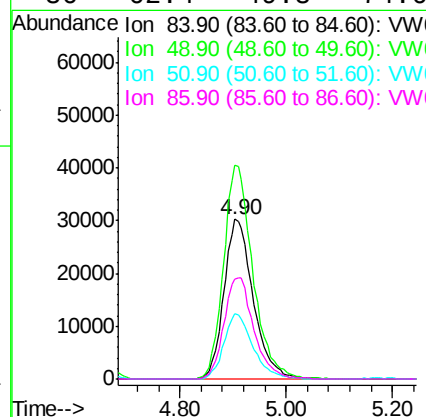
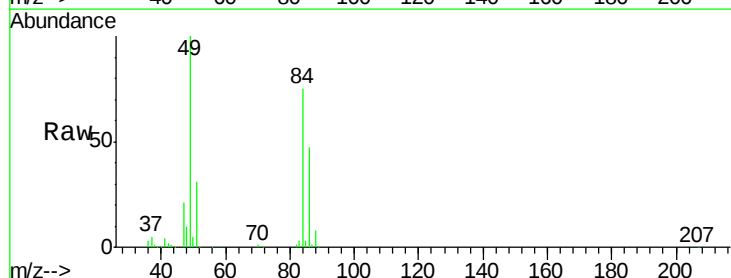
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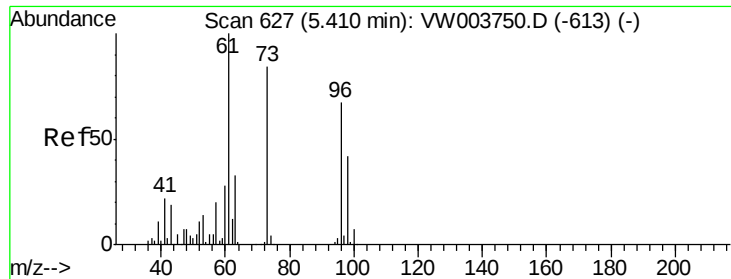
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#20
Methylene Chloride
Concen: 52.171 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.8	105.1	157.7
51	40.9	32.5	48.7
86	62.4	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 51.468 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

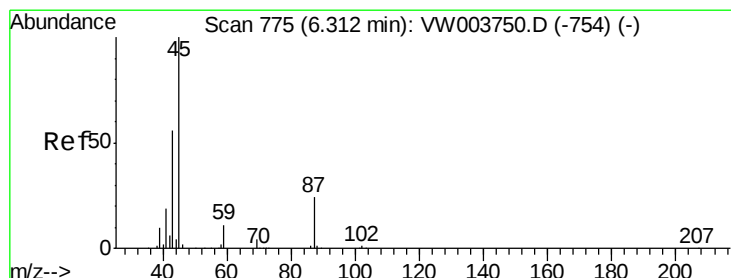
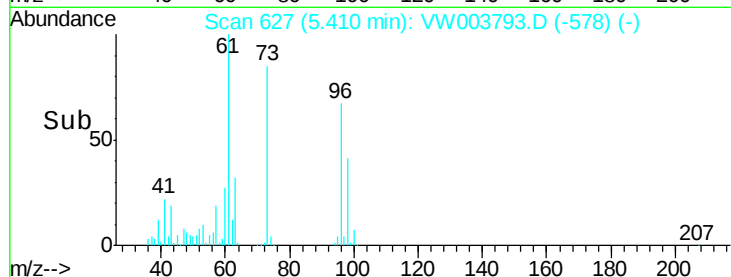
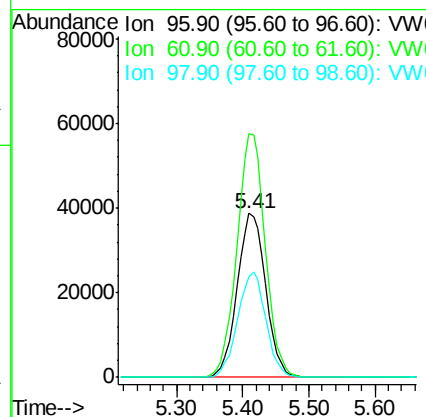
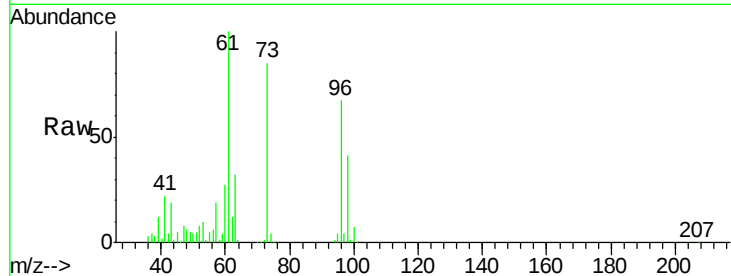
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	115700
Ion	Ratio	Lower	Upper
96	100		
61	148.6	119.0	178.6
98	61.6	49.8	74.8

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#22

Diisopropyl ether

Concen: 53.069 ug/l

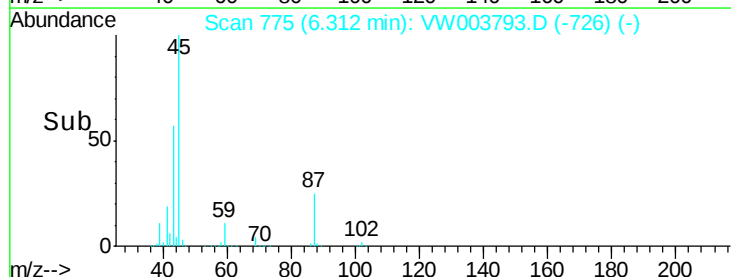
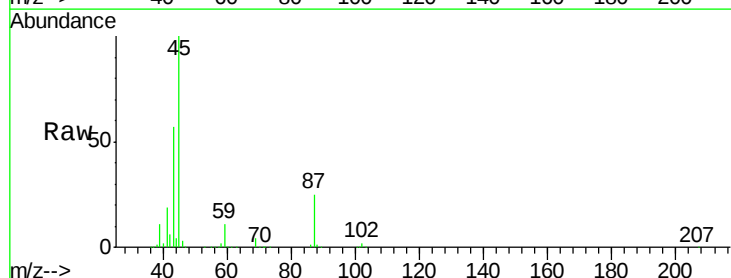
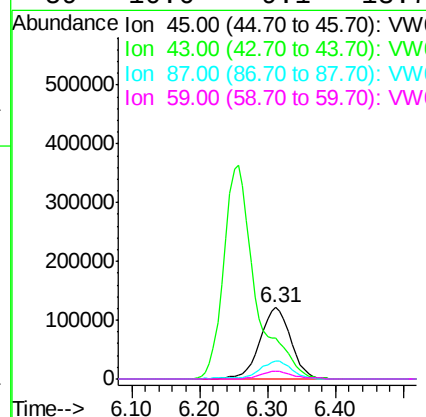
RT: 6.31 min Scan# 775

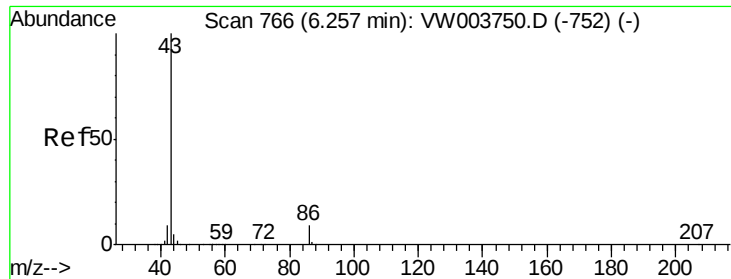
Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion:	45	Resp:	385175
Ion	Ratio	Lower	Upper
45	100		
43	56.4	44.5	66.7
87	25.2	19.6	29.4
59	10.6	9.1	13.7





#23

Vinyl Acetate

Concen: 265.448 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1176095

Ion Ratio Lower Upper

43 100

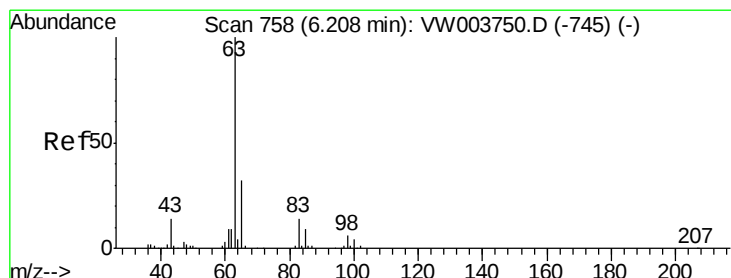
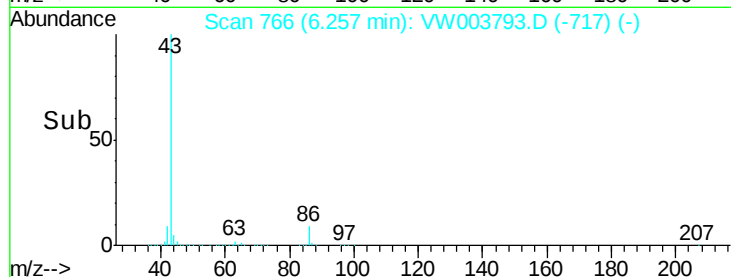
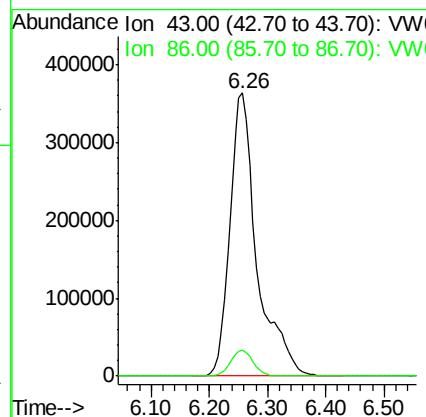
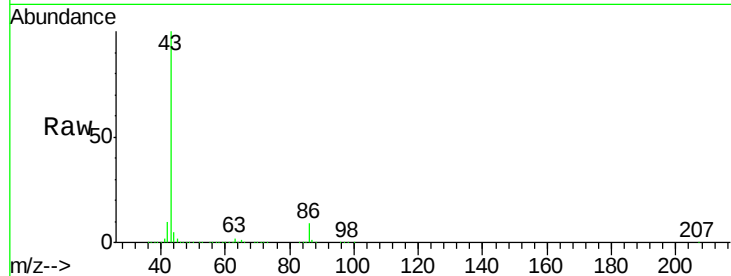
86 9.2 7.3 10.9

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#24

1,1-Dichloroethane

Concen: 50.503 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

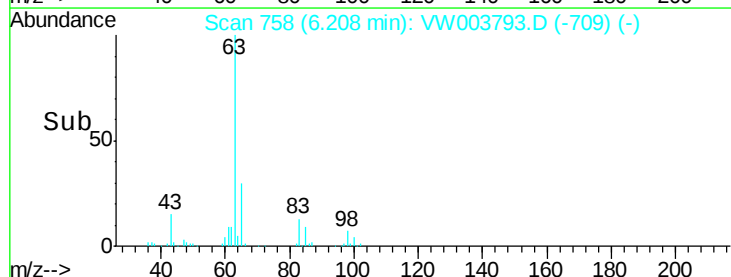
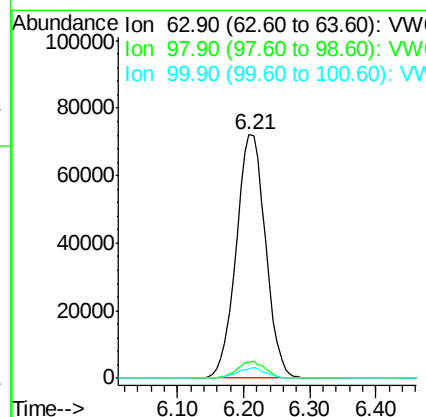
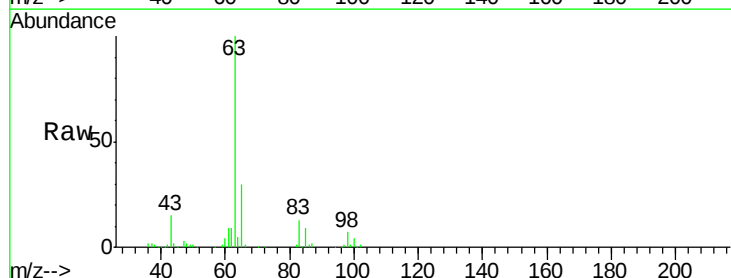
Tgt Ion: 63 Resp: 221695

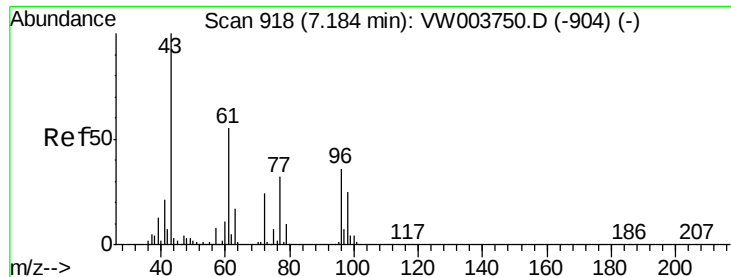
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 269.518 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 193604

Ion Ratio Lower Upper

43 100

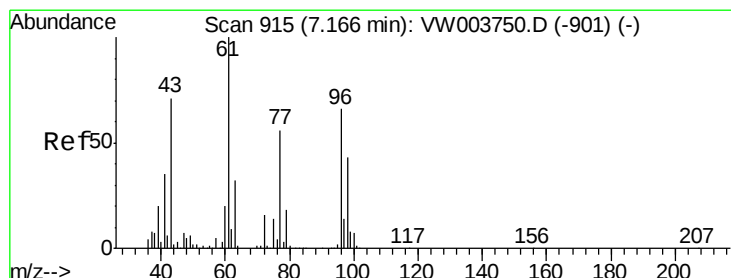
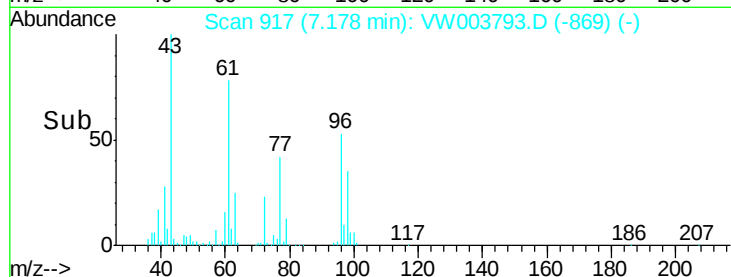
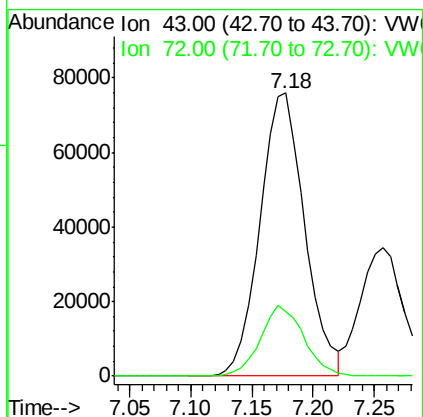
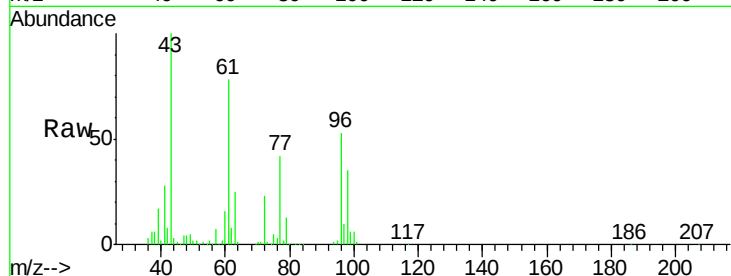
72 22.8 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 47.931 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003793.D

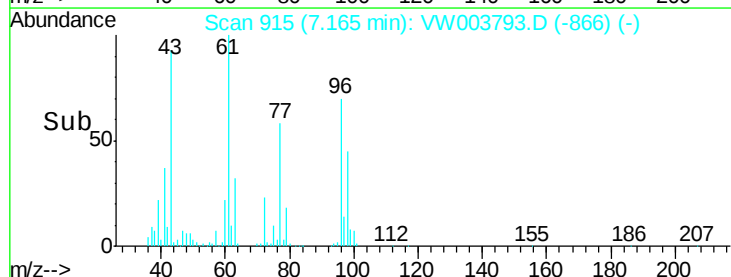
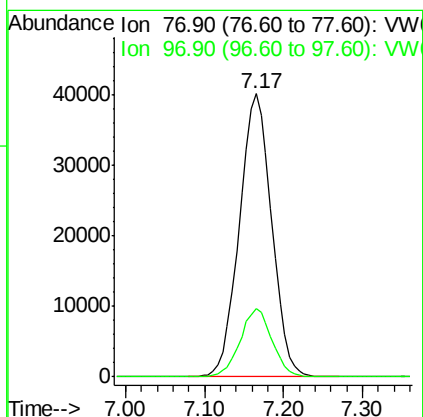
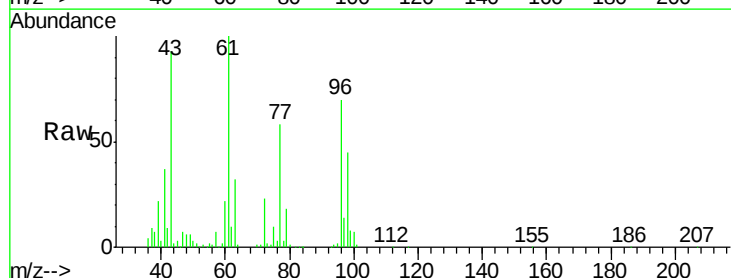
Acq: 09 Jul 2018 22:55

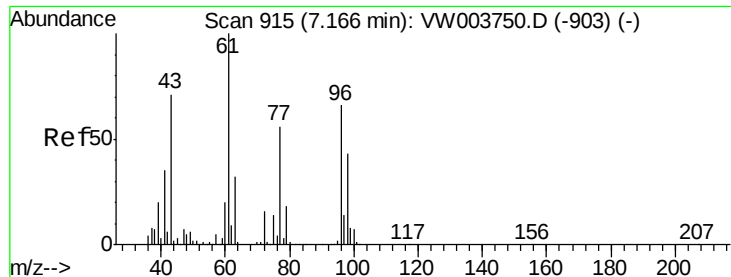
Tgt Ion: 77 Resp: 114122

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5





#27

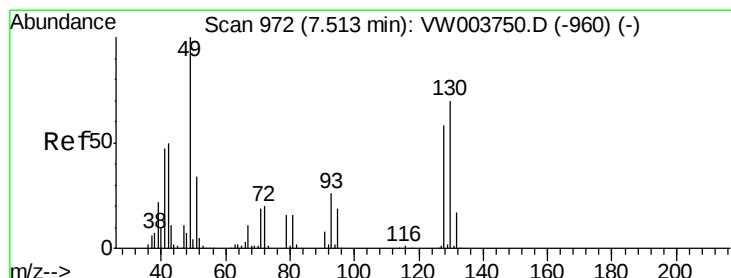
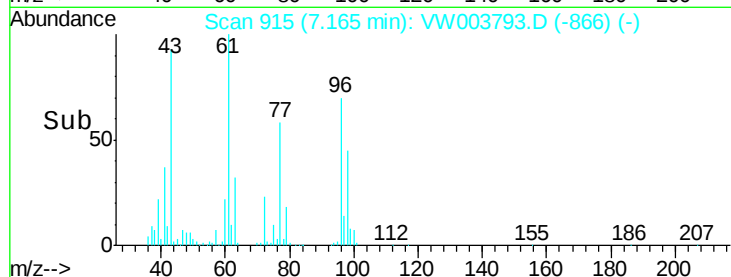
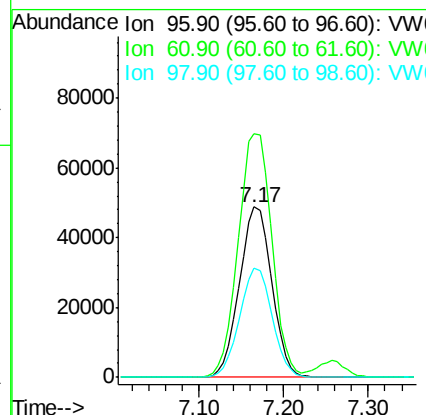
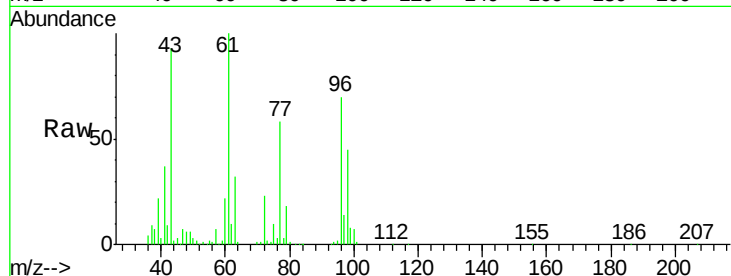
cis-1,2-Dichloroethene
 Concen: 51.099 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	300.8
98	64.5	0.0	128.6

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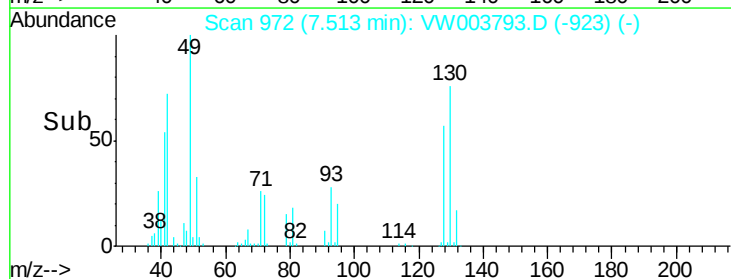
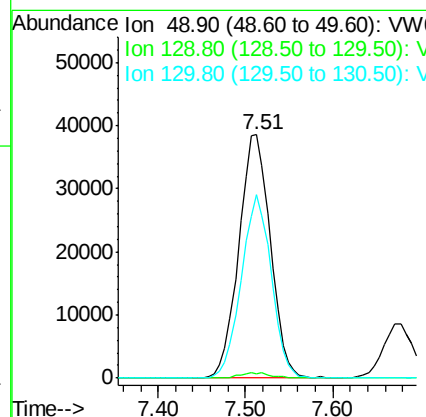
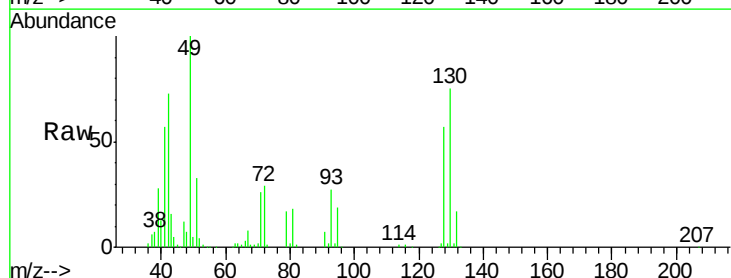
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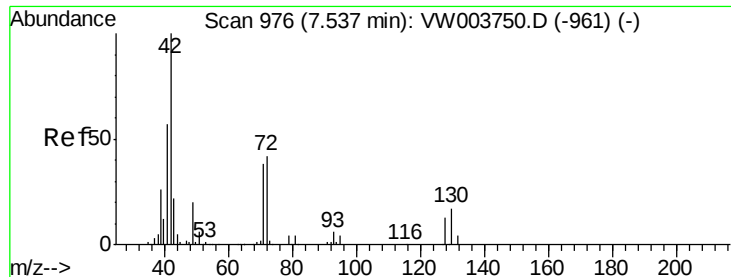


#28

Bromochloromethane
 Concen: 49.616 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	71.5	56.9	85.3





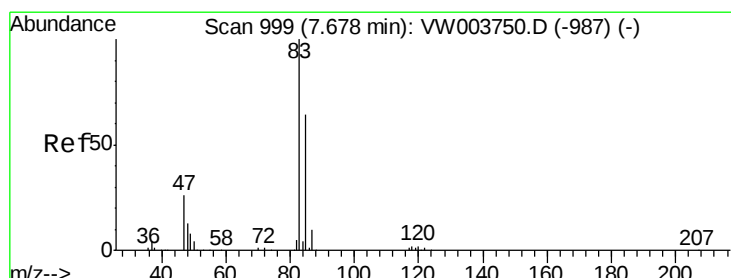
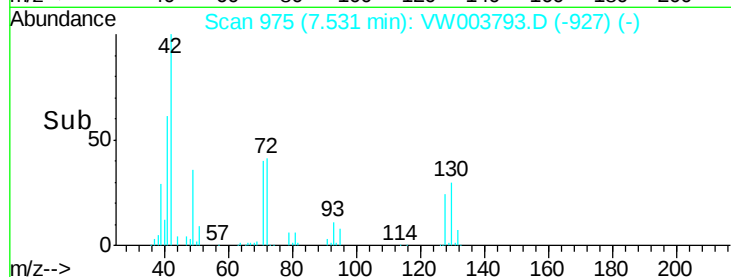
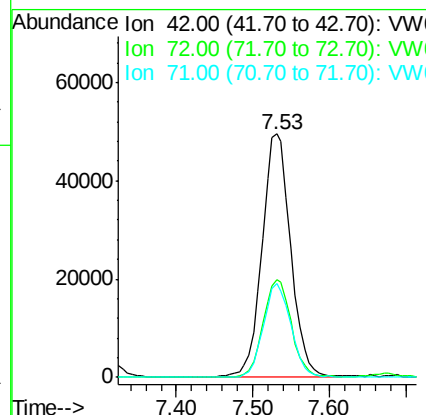
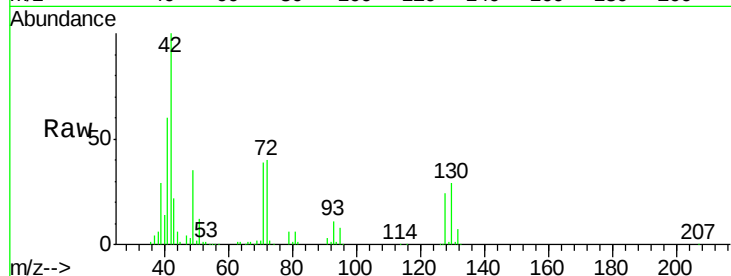
#29
Tetrahydrofuran
Concen: 281.103 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.8	47.8
71	37.0	30.3	45.5

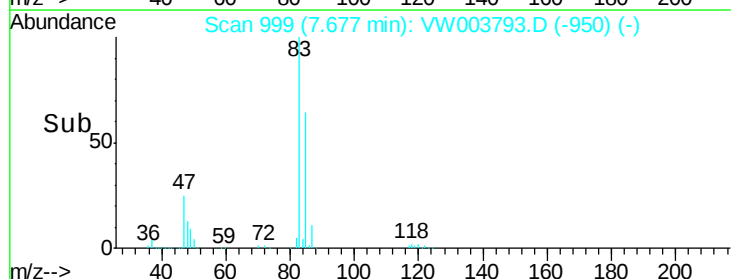
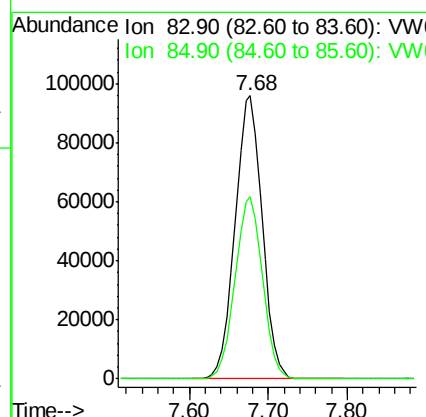
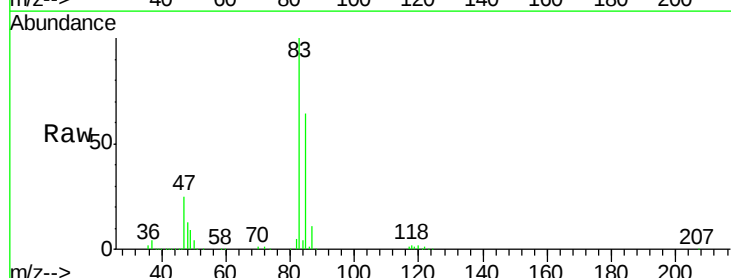
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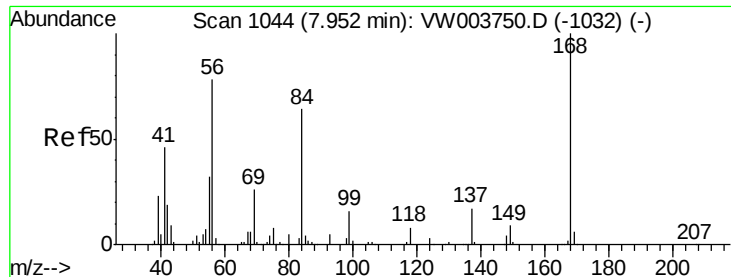
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#30
Chloroform
Concen: 51.195 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3





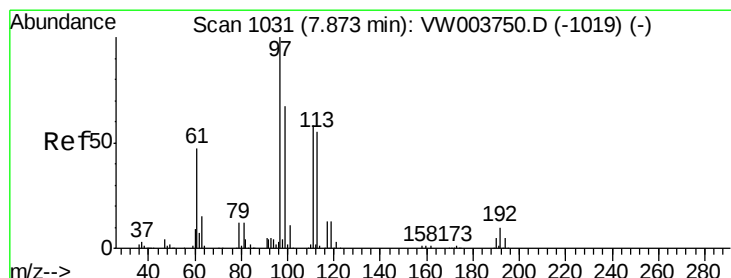
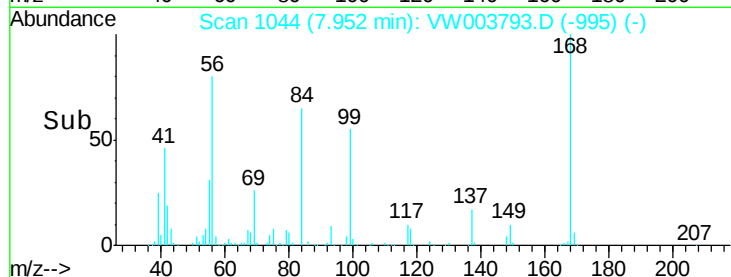
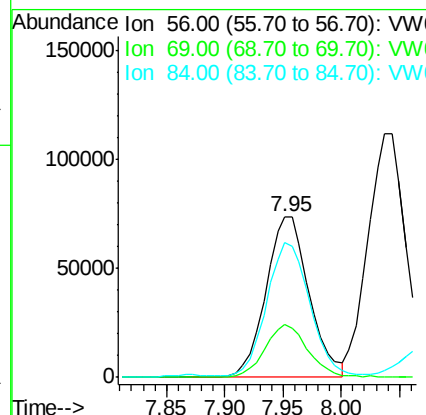
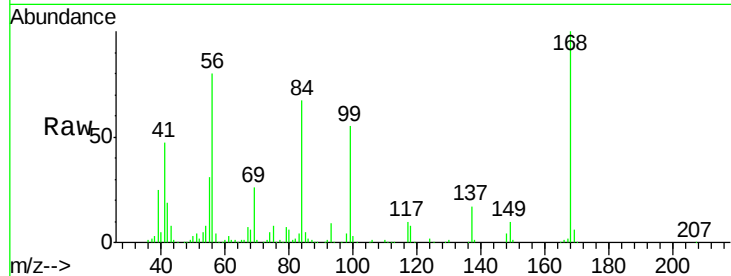
#31
Cyclohexane
Concen: 49.129 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	189511		
69	33.0	26.2	39.4	
84	82.0	65.5	98.3	

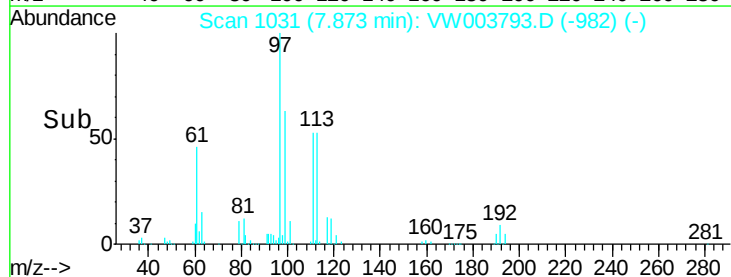
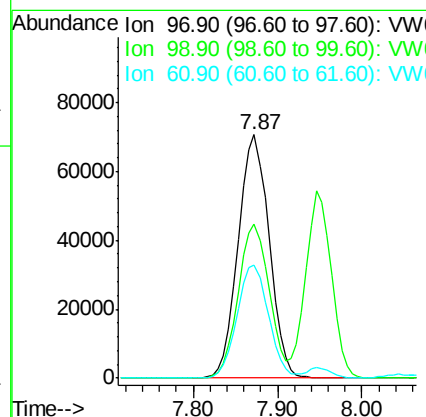
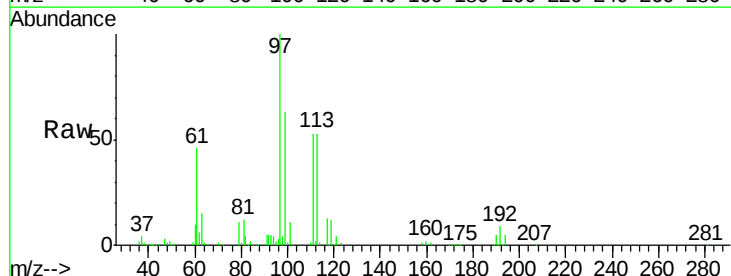
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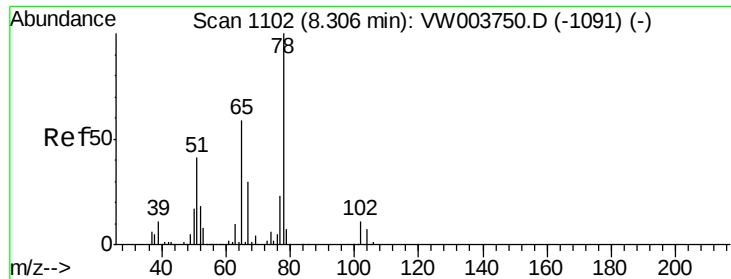
apatel
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#32
1,1,1-Trichloroethane
Concen: 51.648 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	176023		
99	63.2	51.2	76.8	
61	47.4	37.6	56.4	





#33

1,2-Dichloroethane-d4

Concen: 50.905 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 134565

Ion Ratio Lower Upper

65 100

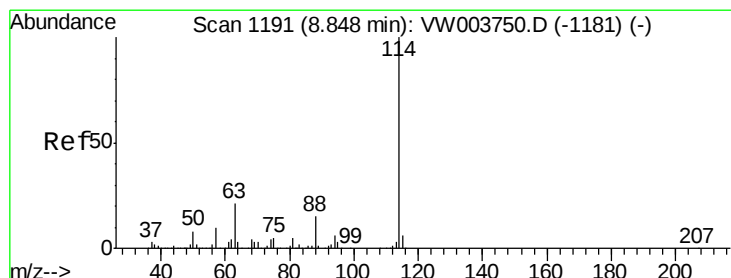
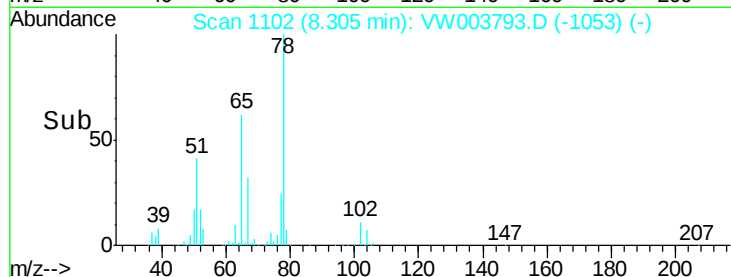
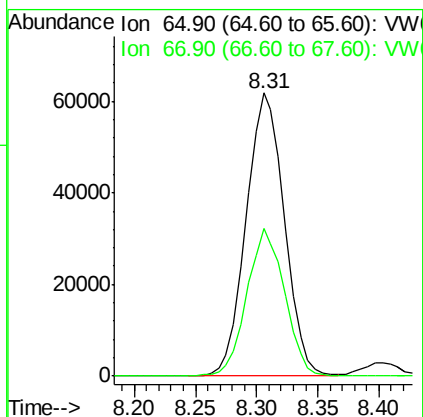
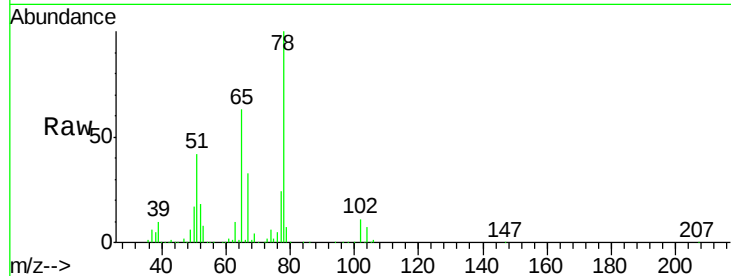
67 51.4 0.0 103.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

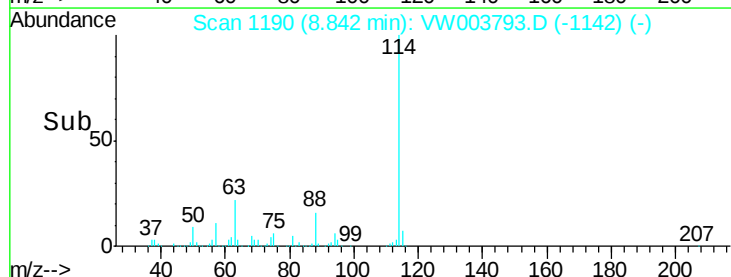
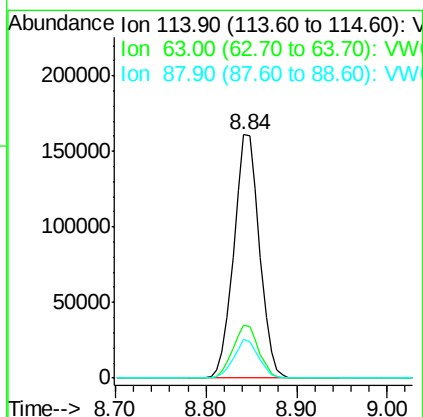
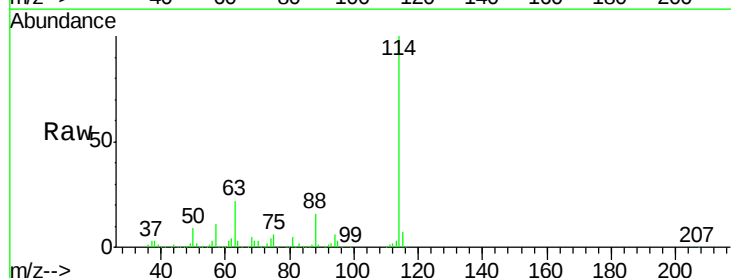
Tgt Ion: 114 Resp: 315186

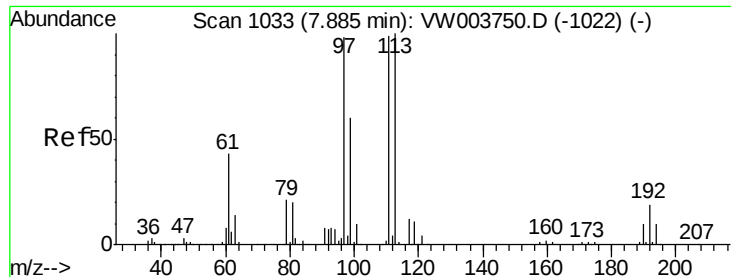
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 16.0 0.0 30.2





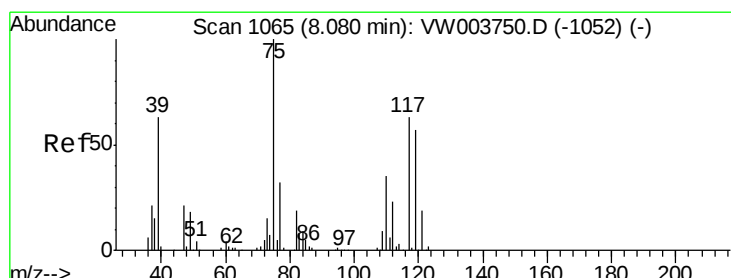
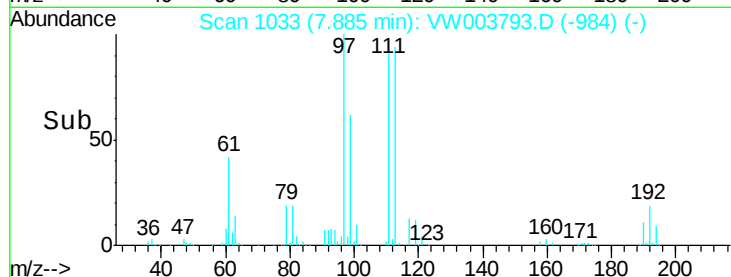
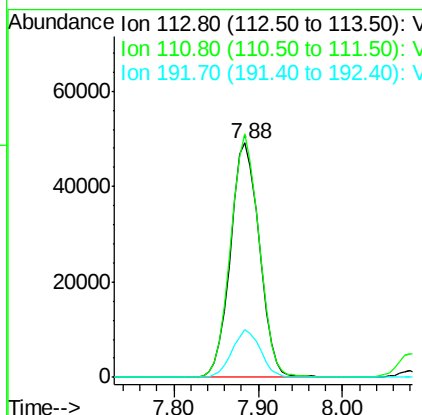
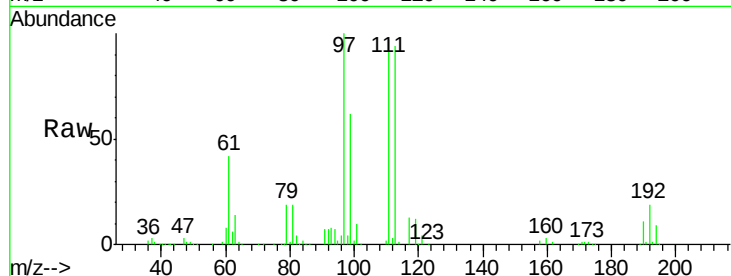
#35
 Dibromofluoromethane
 Concen: 51.774 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	20.0	15.8	23.8

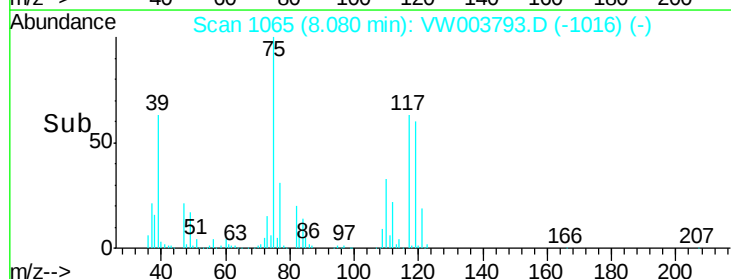
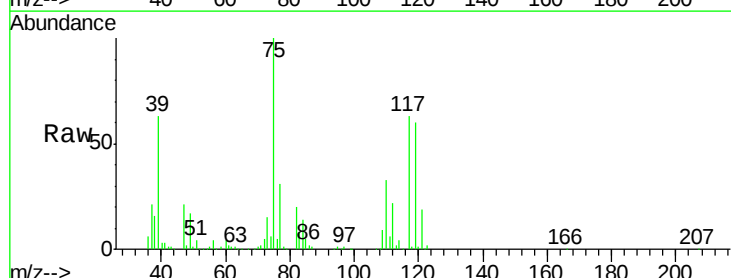
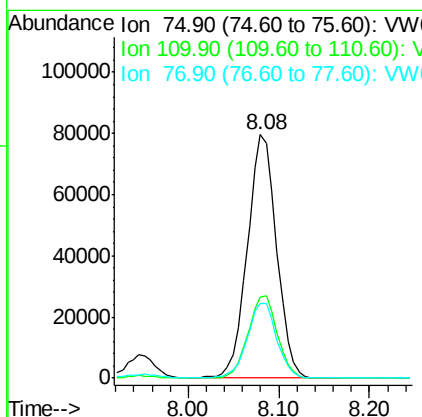
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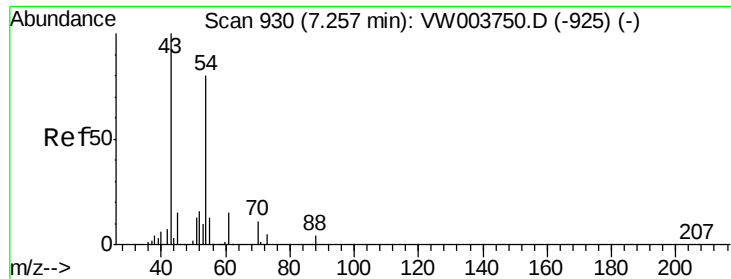
apatel
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#36
 1,1-Dichloropropene
 Concen: 53.138 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.9	50.6
77	31.1	24.8	37.2





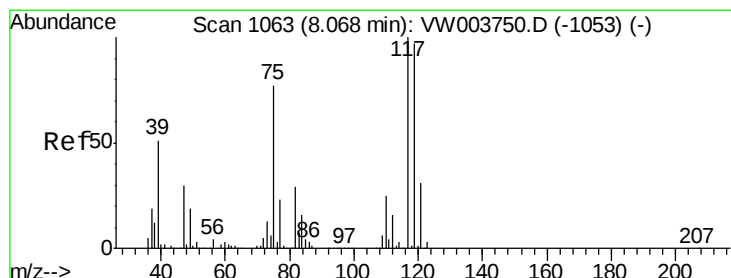
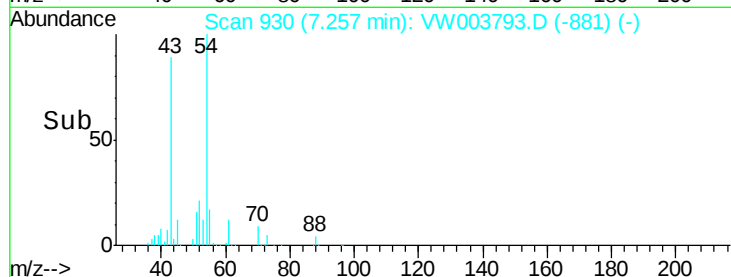
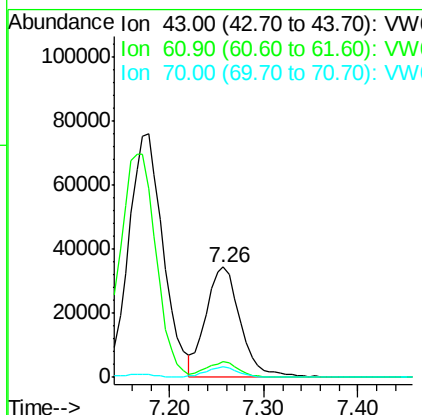
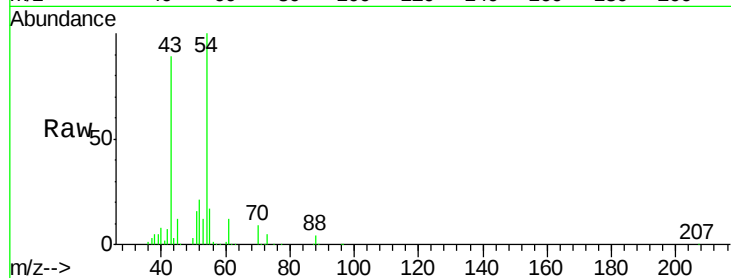
#37
Ethyl Acetate
Concen: 53.668 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	9.3	7.5	11.3

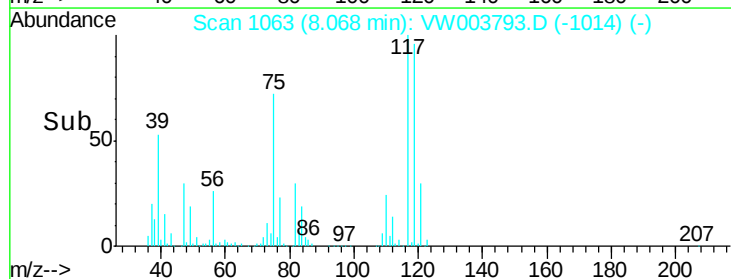
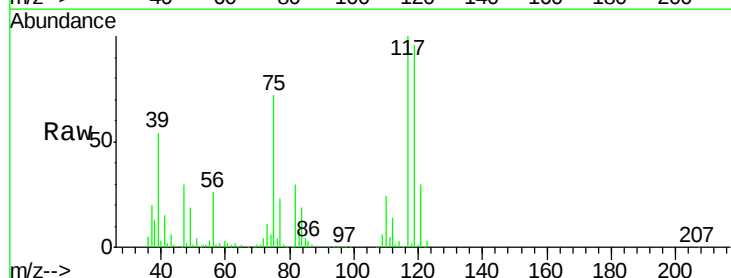
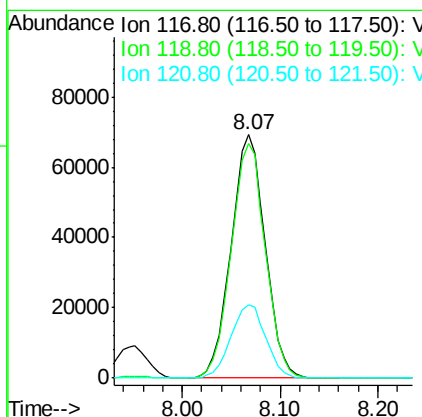
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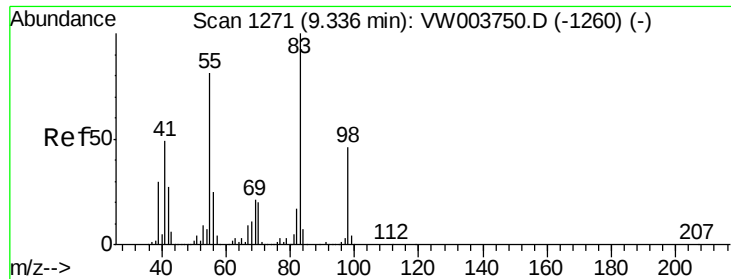
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#38
Carbon Tetrachloride
Concen: 52.626 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.2
121	30.1	24.6	37.0





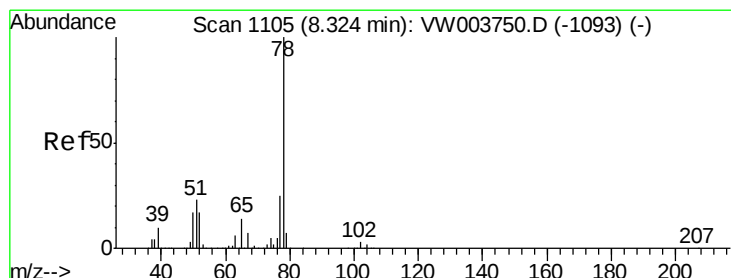
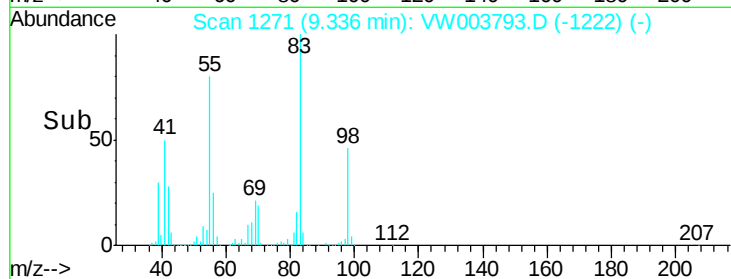
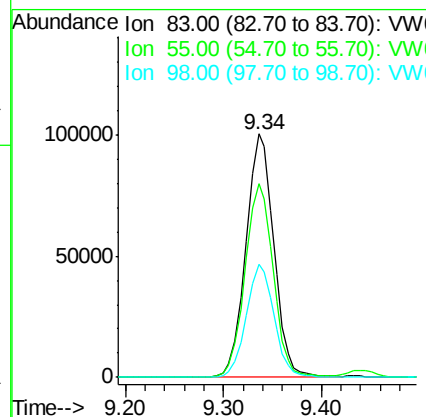
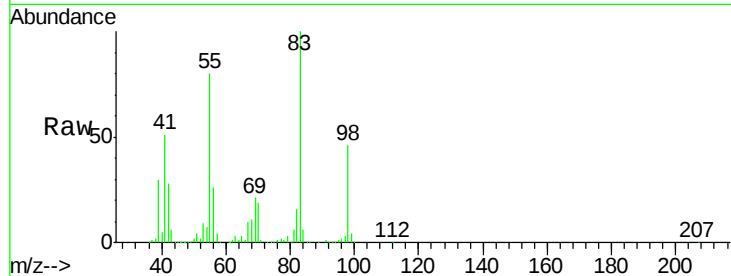
#39
Methvlcvclohexane
Concen: 54.540 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	199768		
55	79.8		65.1	97.7
98	46.2		36.7	55.1

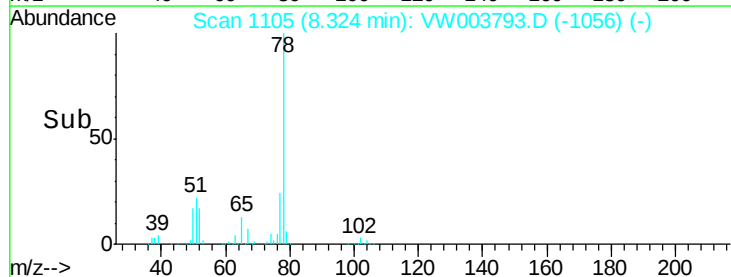
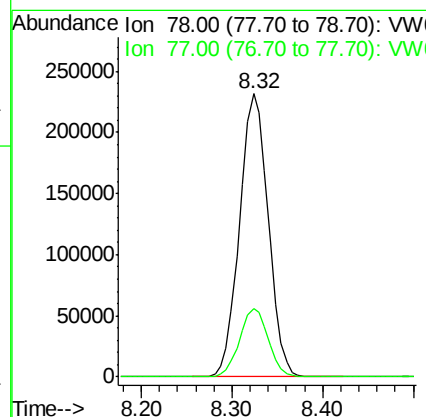
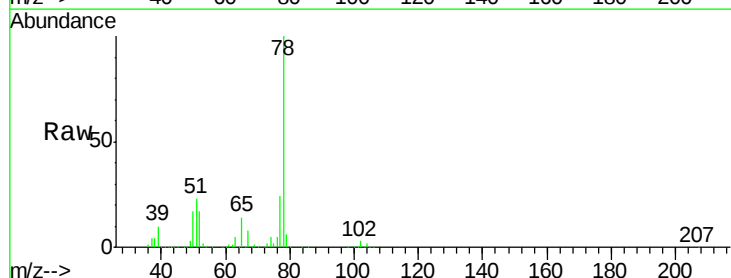
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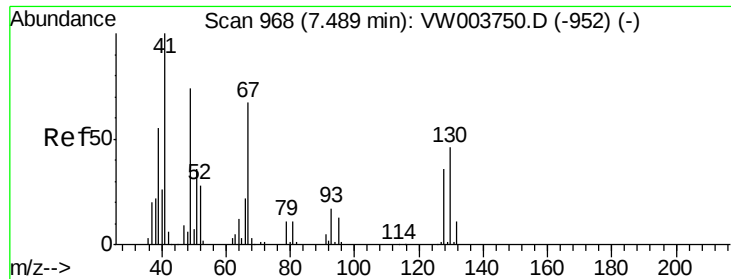
apatel
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#40
Benzene
Concen: 53.040 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	507106		
77	24.3		19.7	29.5





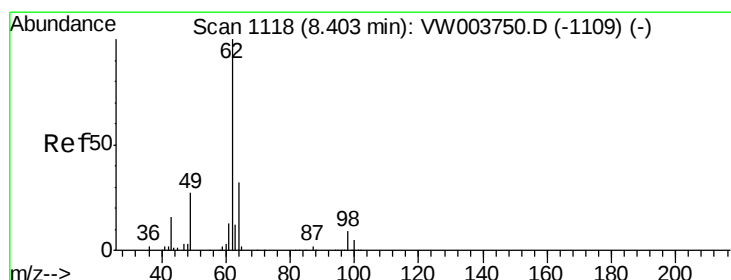
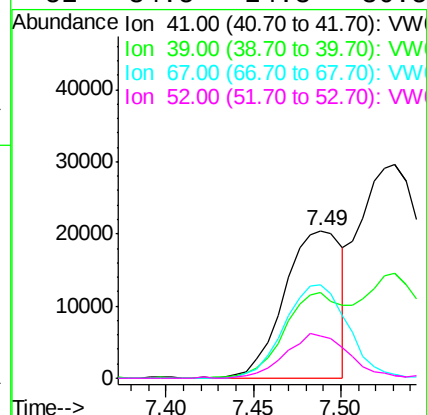
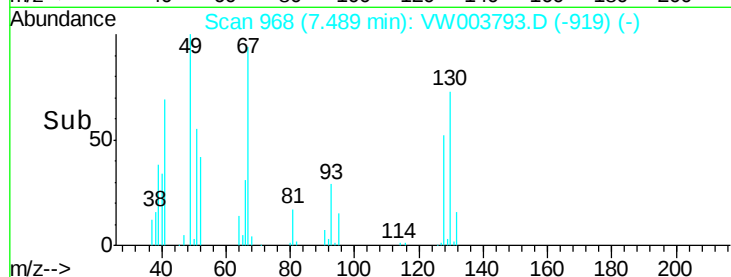
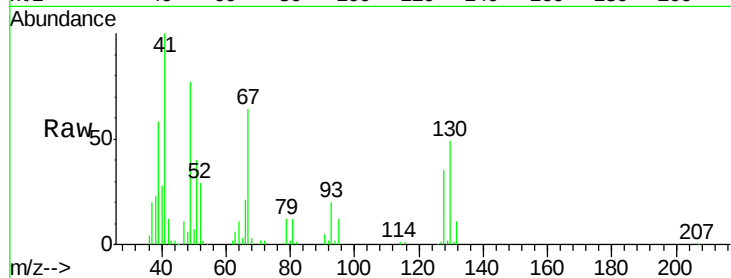
#41
Methacrylonitrile
Concen: 49.848 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	46660
Ion	Ratio	Lower	Upper
41	100		
39	65.0	49.5	74.3
67	71.3	53.8	80.8
52	34.5	24.3	36.5

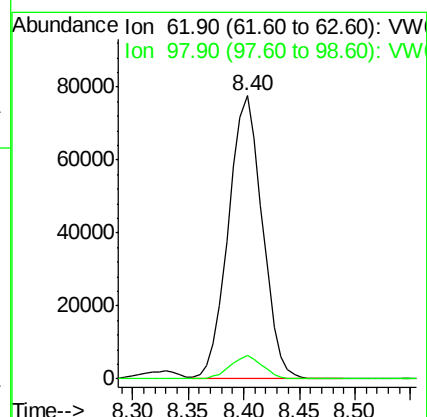
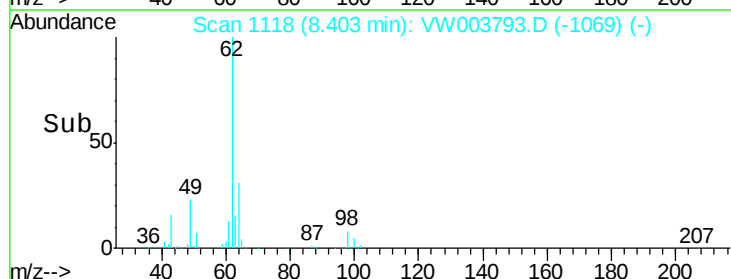
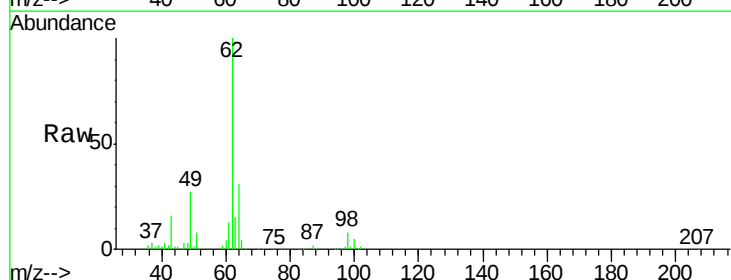
Manual Integrations
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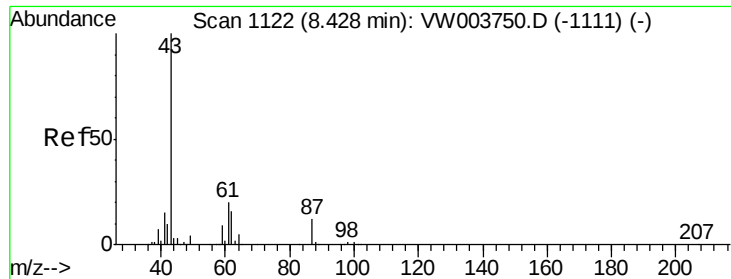
apatel
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#42
1,2-Dichloroethane
Concen: 52.953 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion:	62	Resp:	163852
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.4





#43

Isopropyl Acetate

Concen: 52.957 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

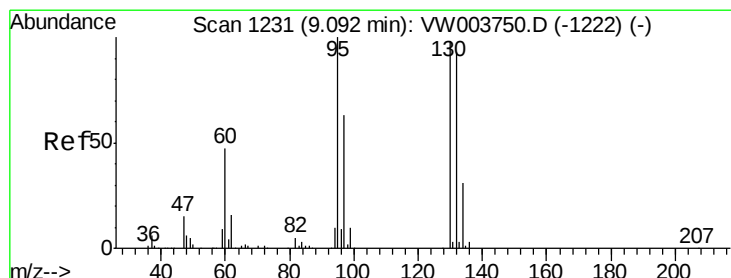
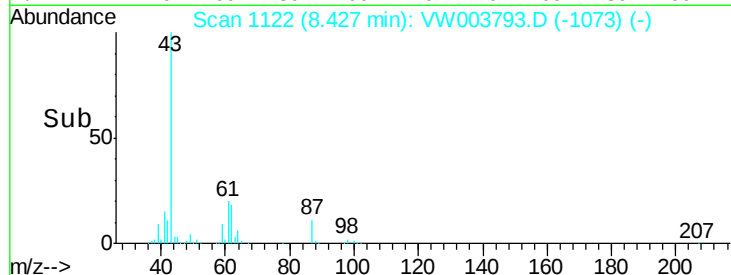
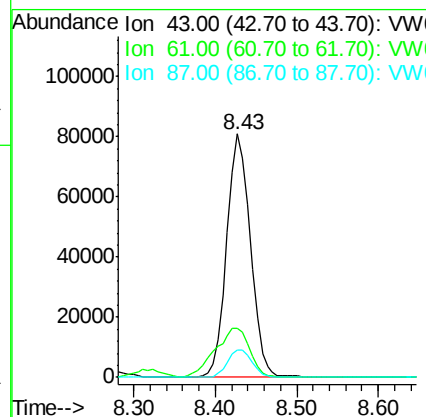
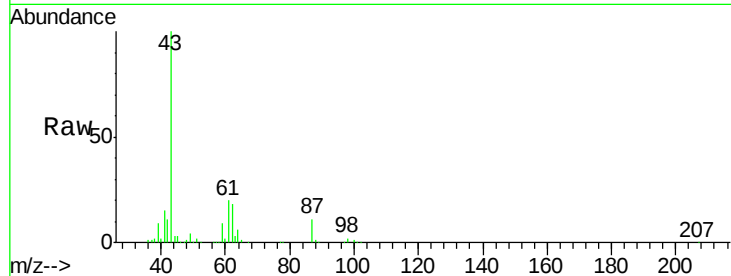
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	163320
Ion Ratio		Lower	Upper
43	100		
61	28.8	22.8	34.2
87	11.7	9.5	14.3

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#44

Trichloroethene

Concen: 53.131 ug/l

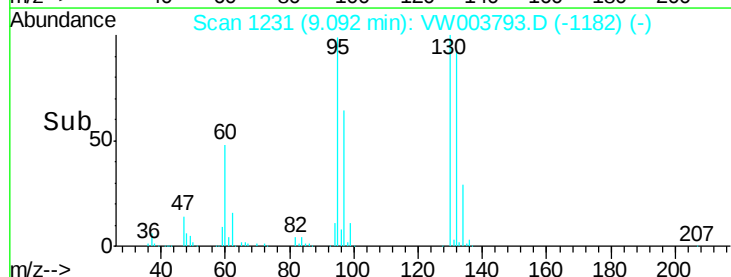
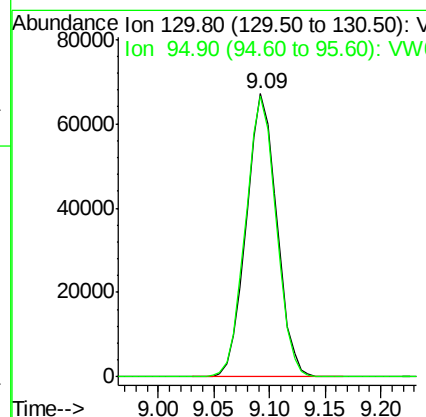
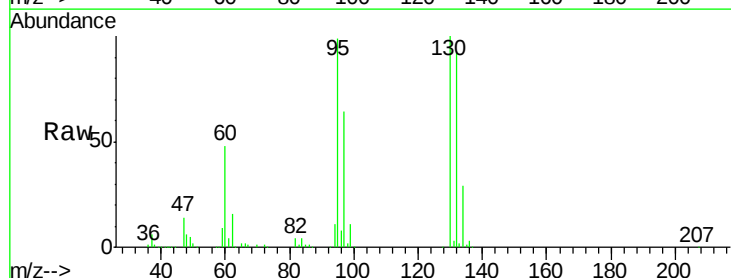
RT: 9.09 min Scan# 1231

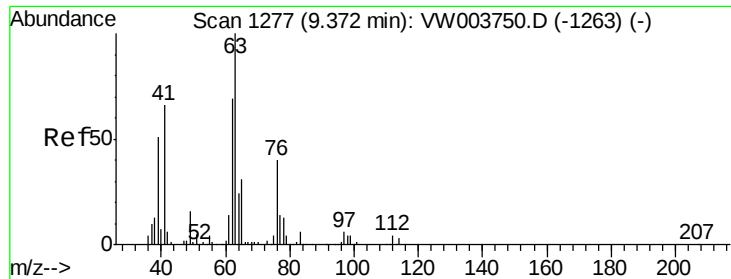
Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion:	130	Resp:	128063
Ion Ratio		Lower	Upper
130	100		
95	99.0	0.0	203.8





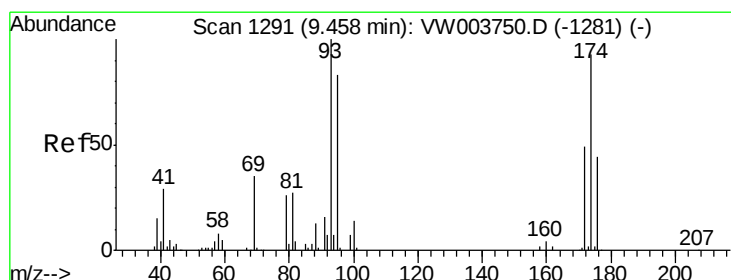
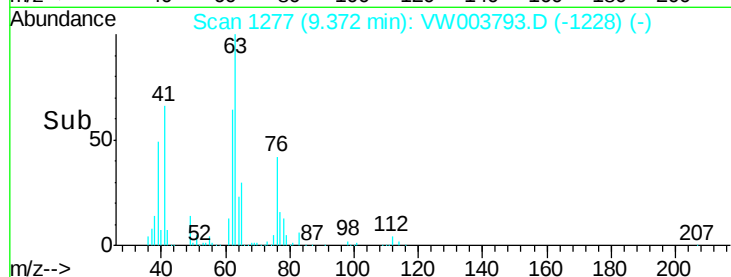
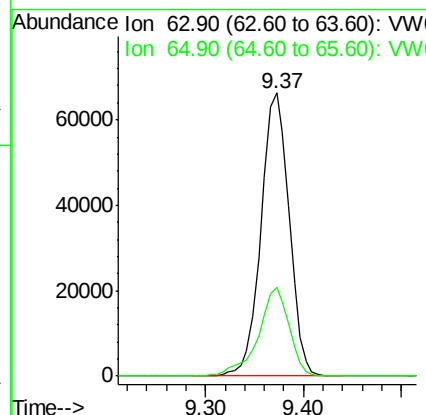
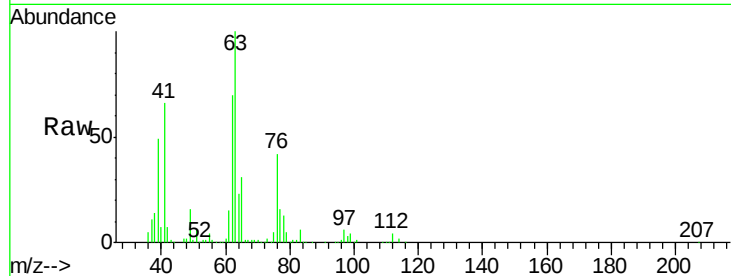
#45
 1,2-Dichloropropane
 Concen: 53.274 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 132436
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3

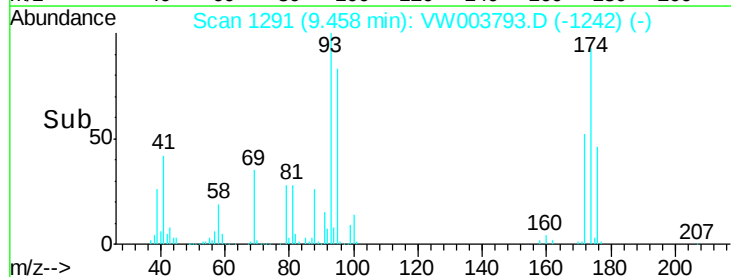
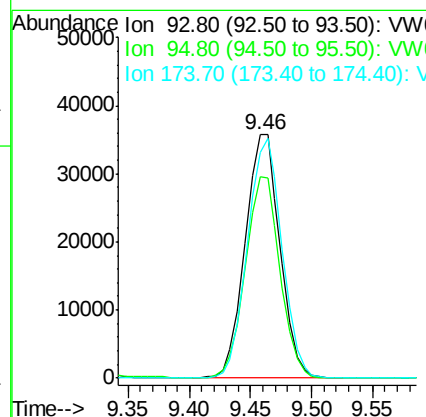
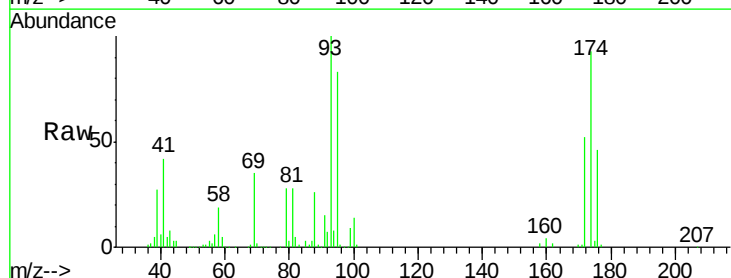
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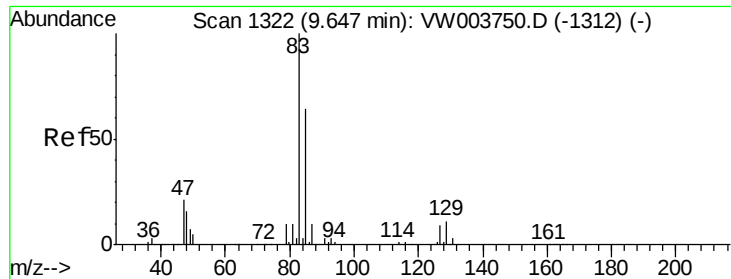
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#46
 Dibromomethane
 Concen: 54.005 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion: 93 Resp: 70592
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.2 100.8
 174 97.9 78.1 117.1





#47

Bromodichloromethane

Concen: 53.487 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

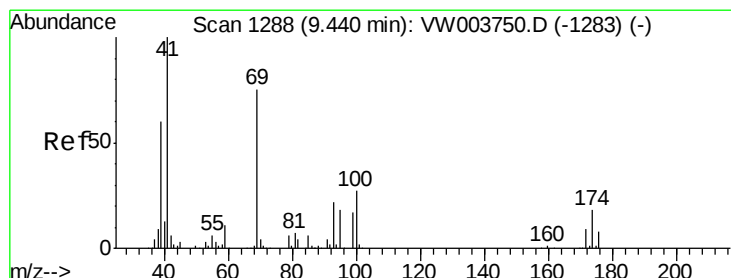
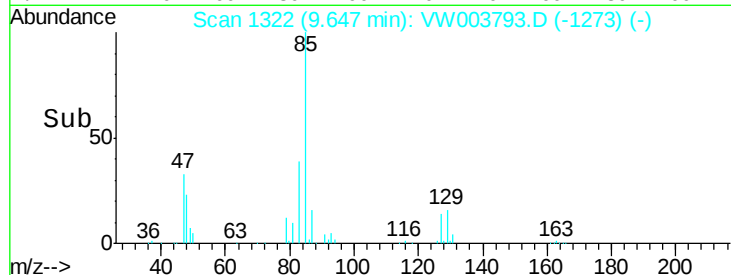
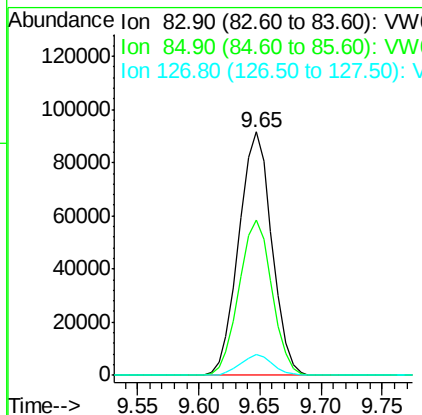
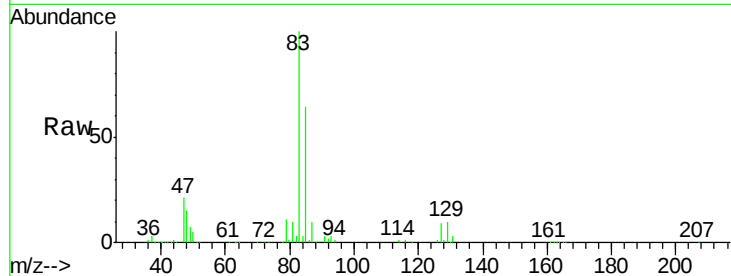
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	171999
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.0
127	8.8	6.8	10.2

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#48

Methyl methacrylate

Concen: 55.405 ug/l

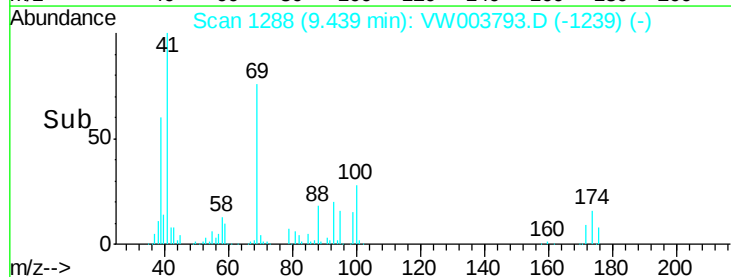
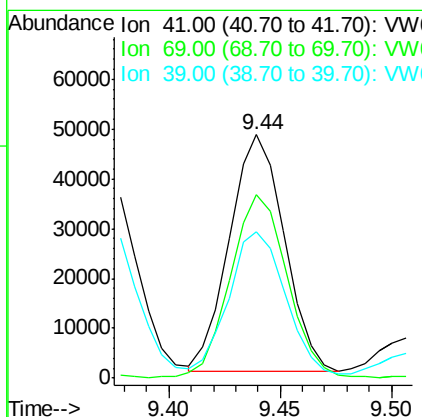
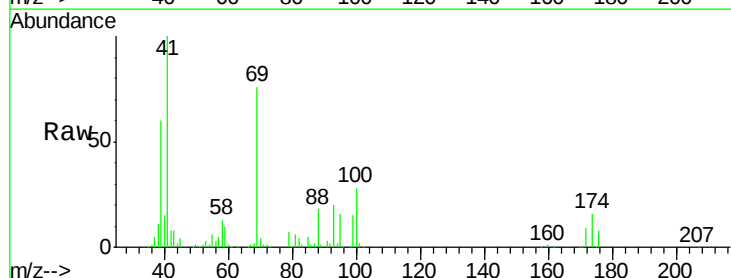
RT: 9.44 min Scan# 1288

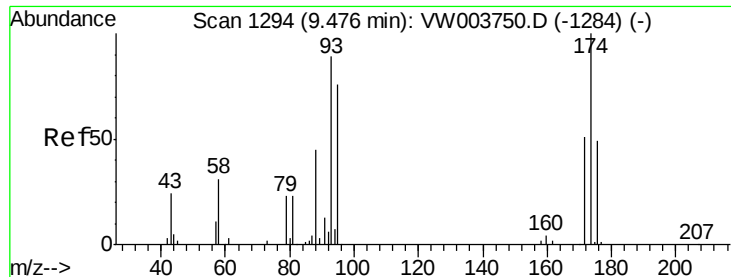
Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion:	41	Resp:	81376
Ion	Ratio	Lower	Upper
41	100		
69	81.0	63.8	95.8
39	65.1	50.2	75.2





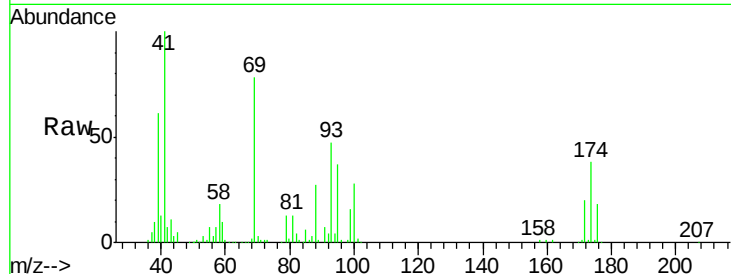
#49
1,4-Dioxane
Concen: 1207.716 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. -0.03 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	23594
Ion Ratio	Lower	Upper	
88	100		
43	35.1	0.0	0.0#
58	69.9	59.7	89.5

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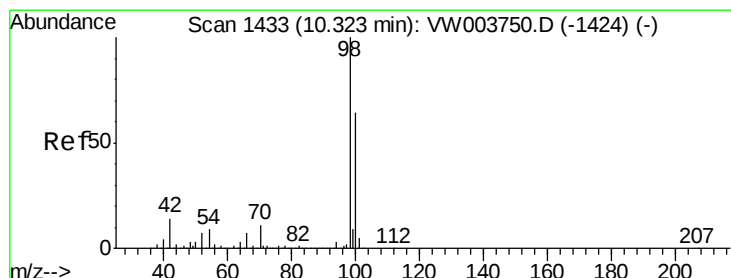
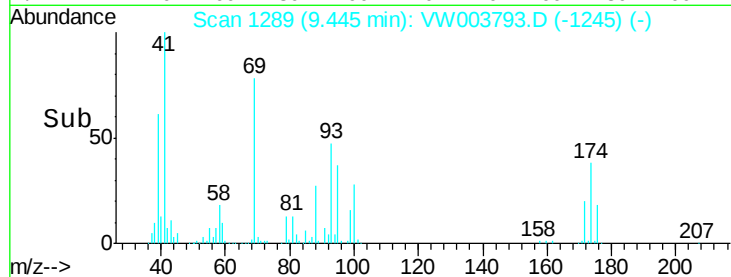
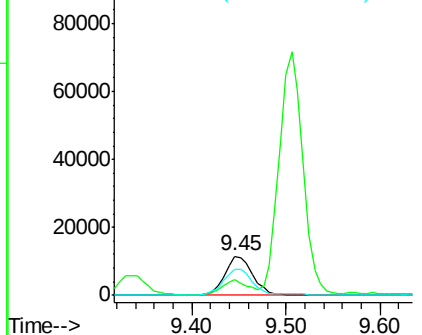


Abundance

Ion 88.00 (87.70 to 88.70): VW

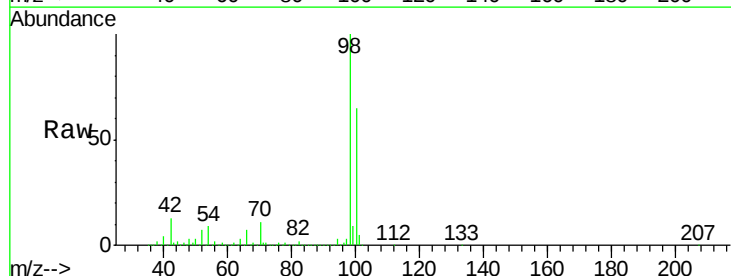
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 53.779 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

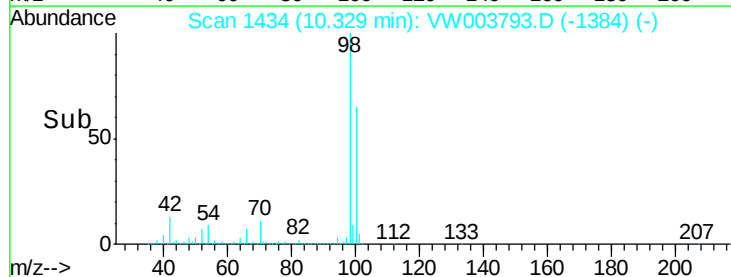
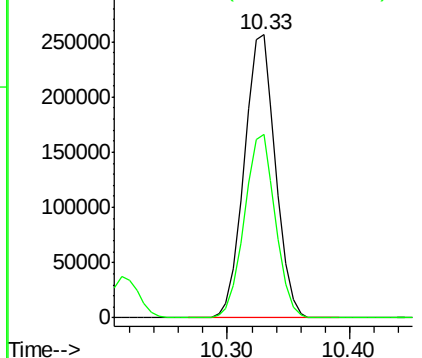
Tgt Ion	98	Resp	453797
Ion Ratio	Lower	Upper	
98	100		
100	64.3	50.8	76.2

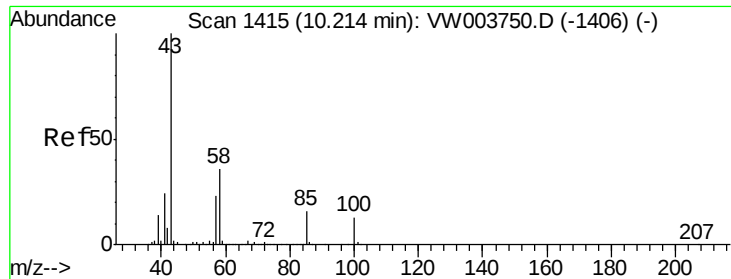


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 288.005 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 459631

Ion Ratio Lower Upper

43 100

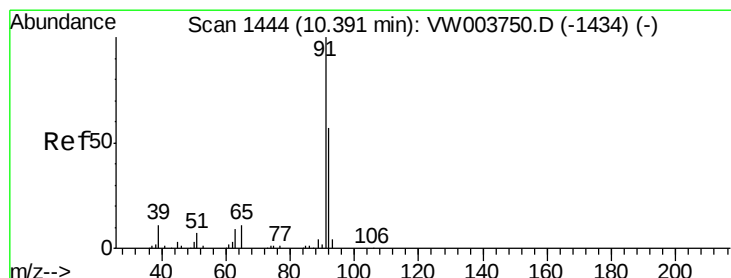
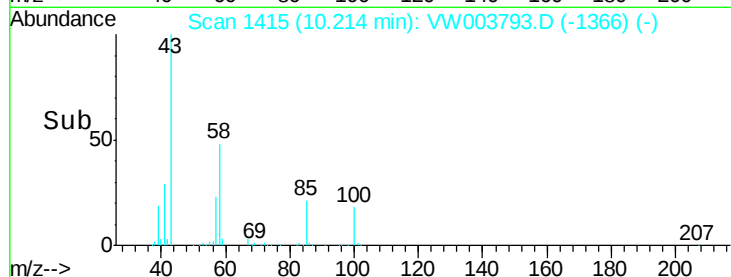
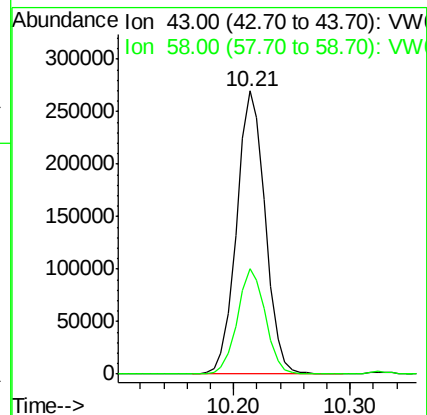
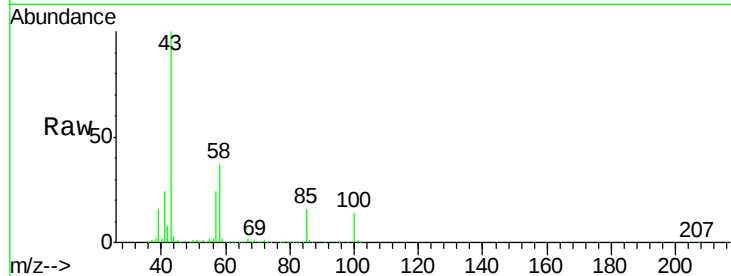
58 36.3 29.3 43.9

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#52

Toluene

Concen: 54.619 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003793.D

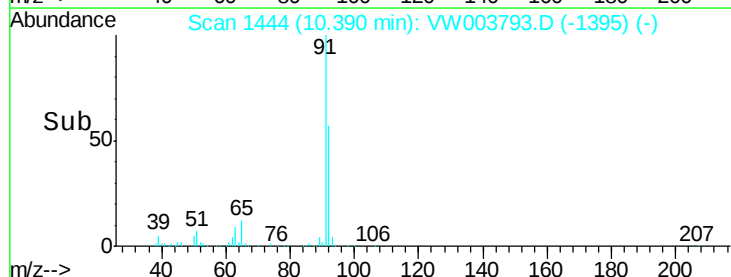
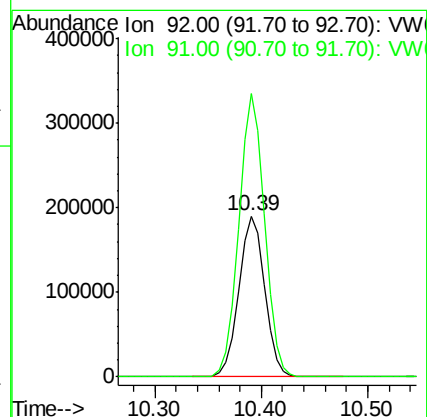
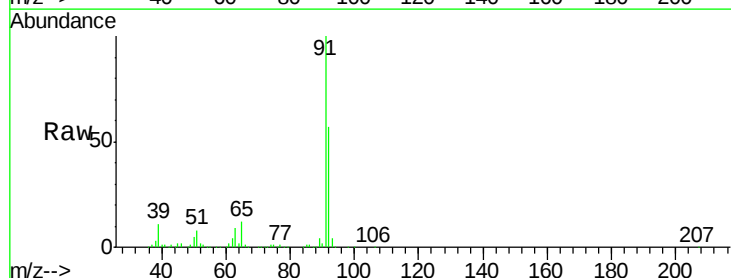
Acq: 09 Jul 2018 22:55

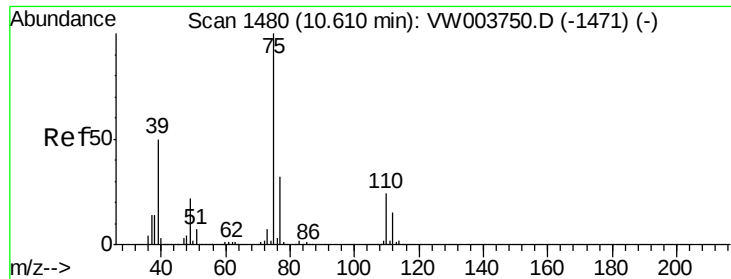
Tgt Ion: 92 Resp: 323811

Ion Ratio Lower Upper

92 100

91 174.7 140.6 211.0





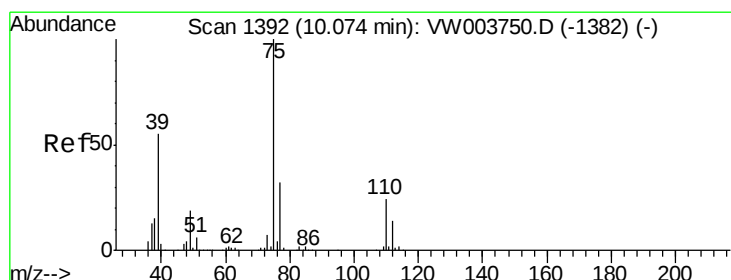
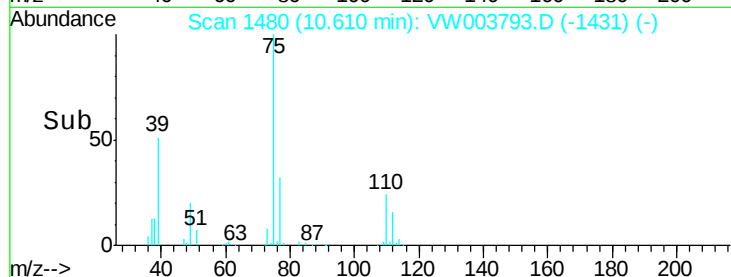
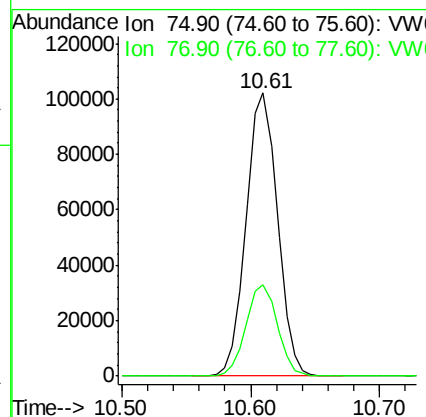
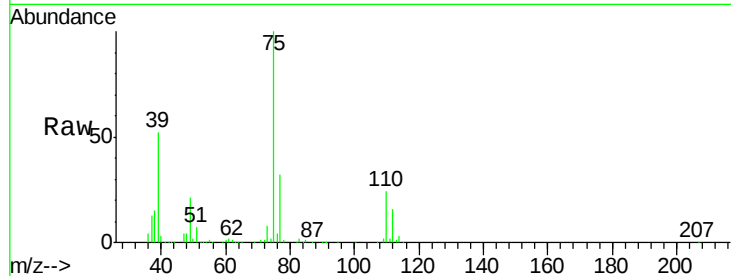
#53
t-1,3-Dichloropropene
Concen: 53.463 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3

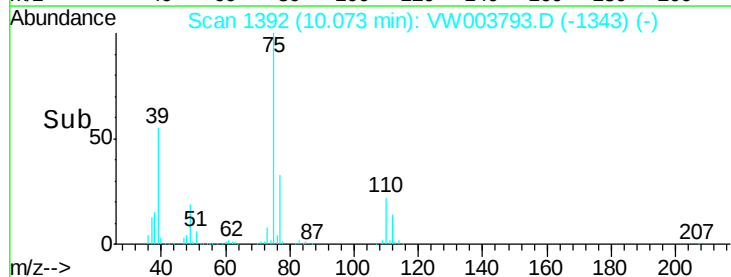
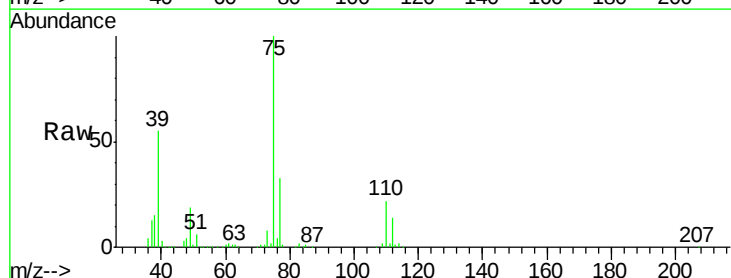
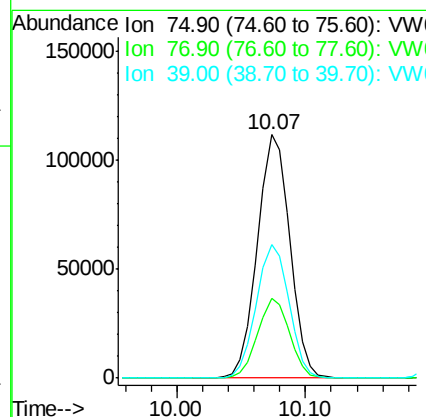
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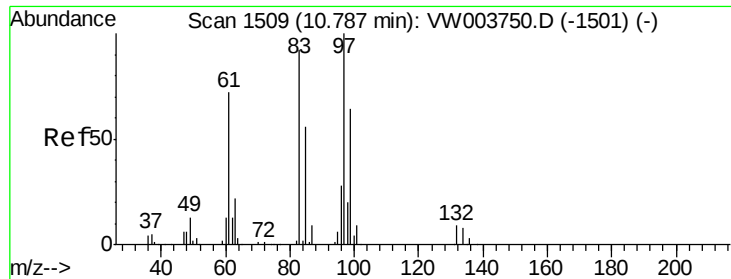
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#54
cis-1,3-Dichloropropene
Concen: 53.588 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.6	38.4
39	55.0	43.6	65.4





#55

1,1,2-Trichloroethane

Concen: 53.889 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

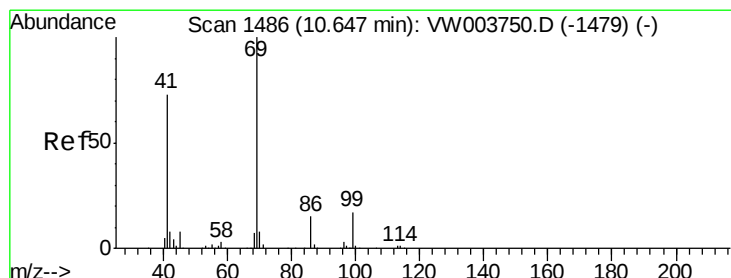
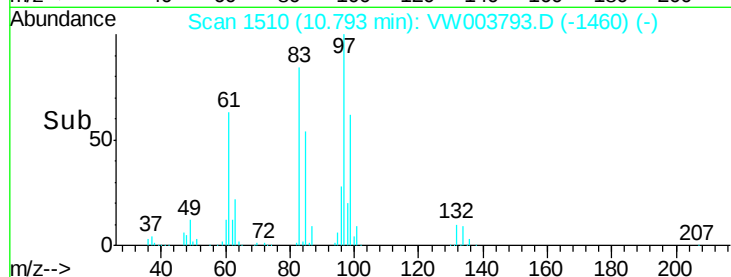
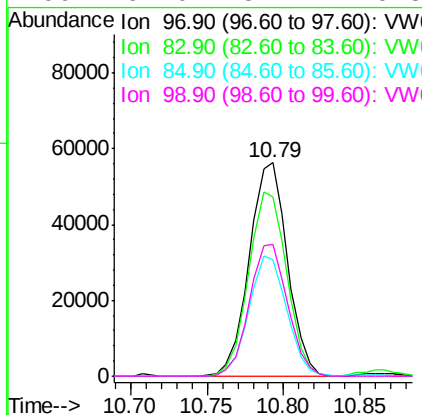
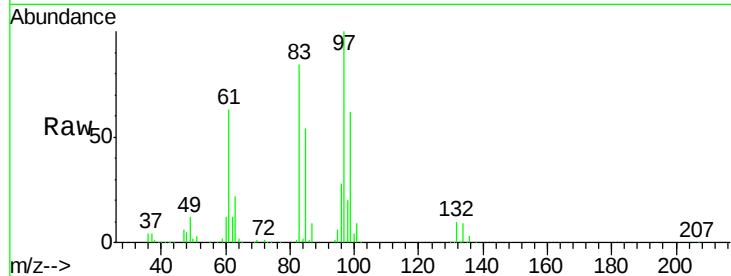
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	97834
Ion	Ratio	Lower	Upper
97	100		
83	83.8	73.8	110.6
85	54.4	45.0	67.4
99	62.0	51.2	76.8

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#56

Ethyl methacrylate

Concen: 56.668 ug/l

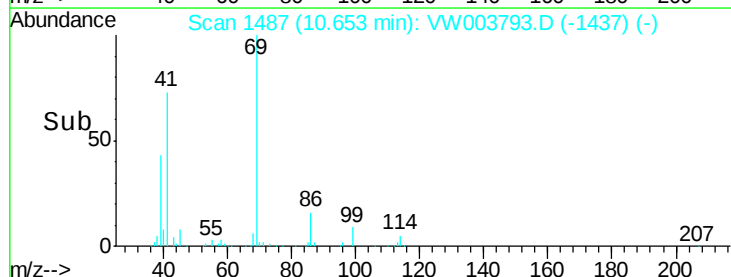
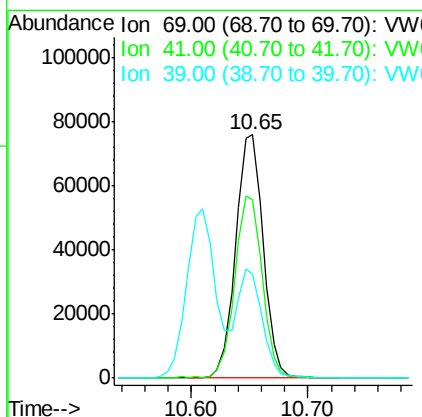
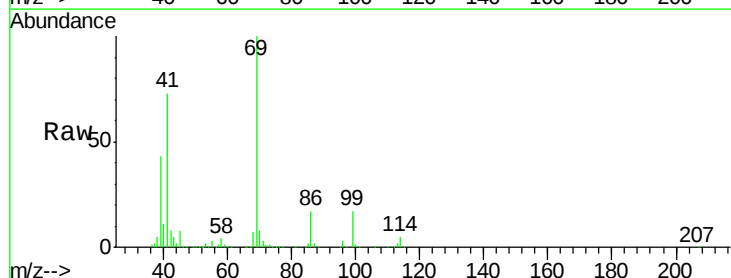
RT: 10.65 min Scan# 1487

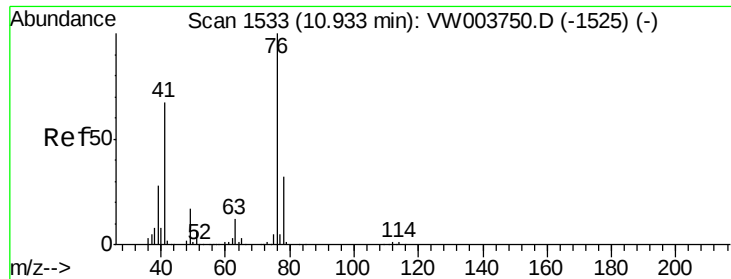
Delta R.T. 0.01 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion:	69	Resp:	125544
Ion	Ratio	Lower	Upper
69	100		
41	74.3	59.0	88.4
39	42.7	32.8	49.2





#57

1,3-Dichloropropane

Concen: 53.582 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 169548

Ion Ratio Lower Upper

76 100

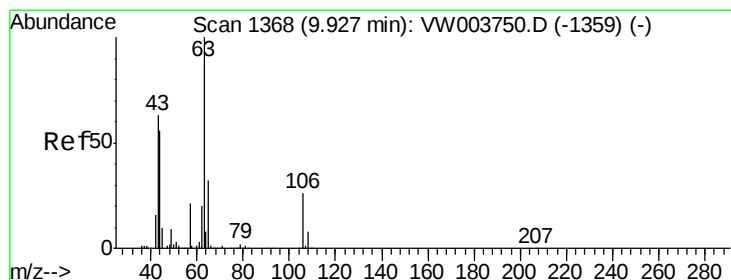
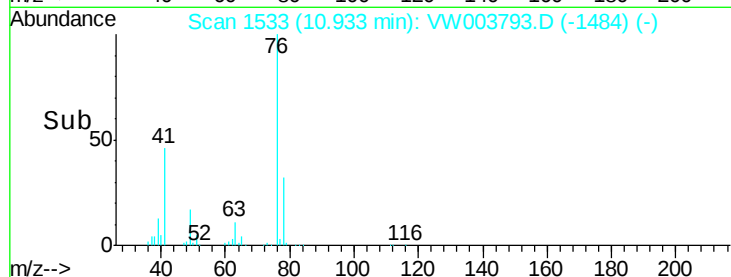
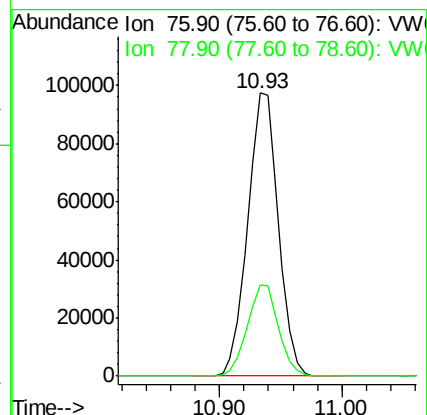
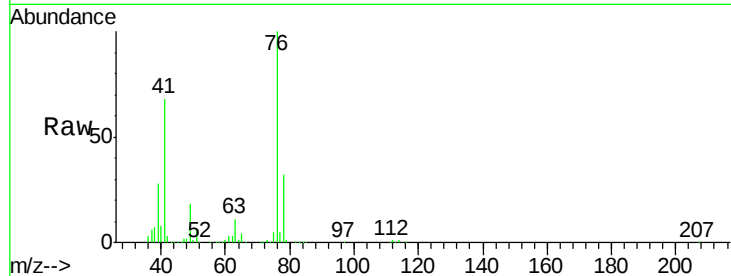
78 32.8 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 256.655 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003793.D

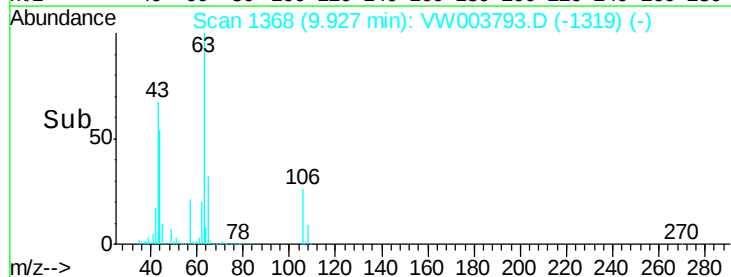
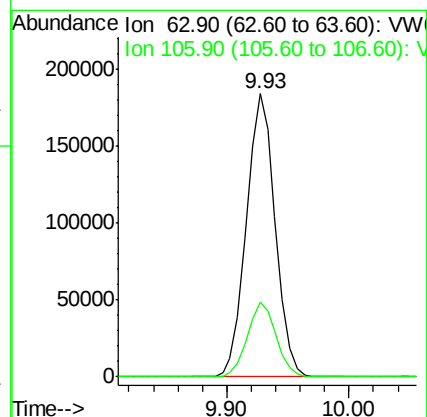
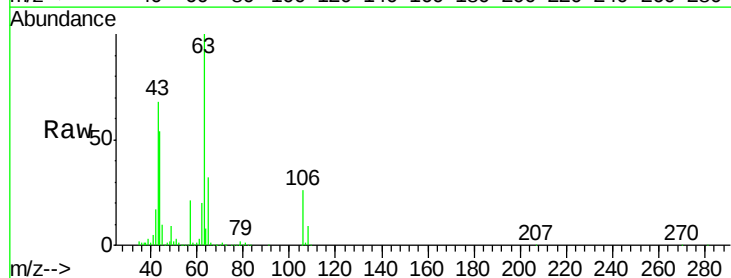
Acq: 09 Jul 2018 22:55

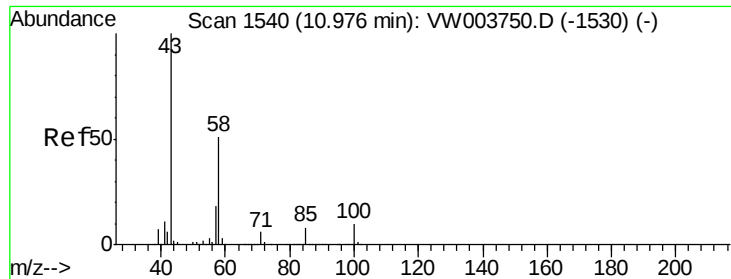
Tgt Ion: 63 Resp: 299810

Ion Ratio Lower Upper

63 100

106 26.4 20.9 31.3





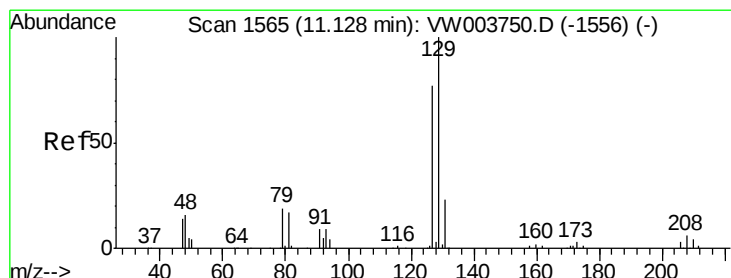
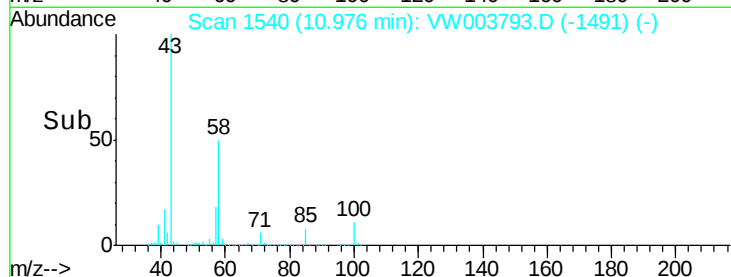
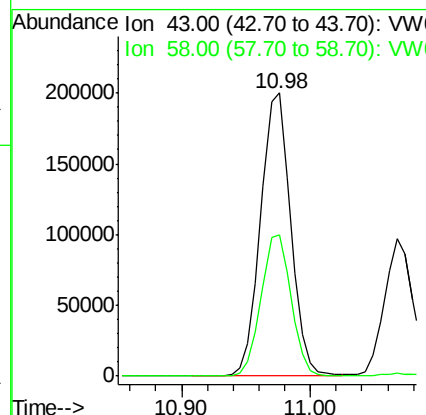
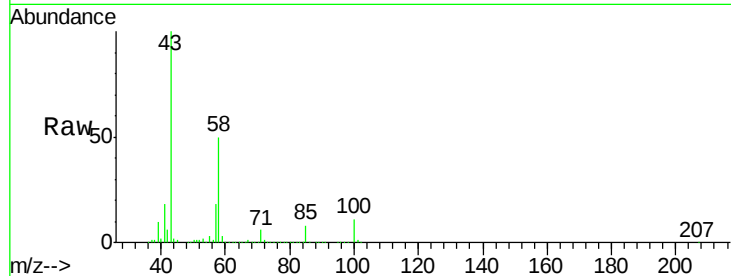
#59
2-Hexanone
Concen: 294.260 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 322477
Ion Ratio Lower Upper
43 100
58 50.2 25.4 76.2

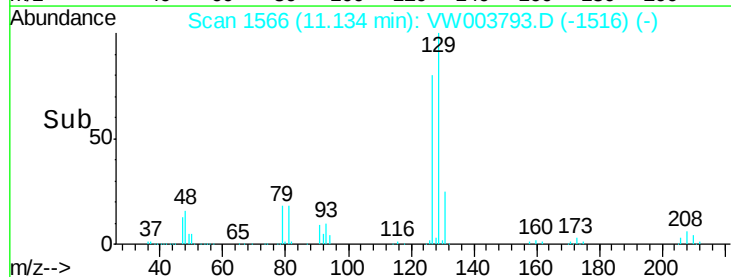
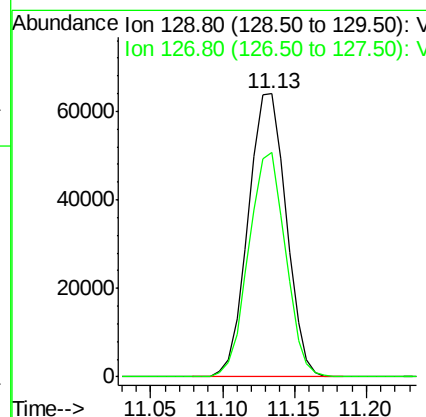
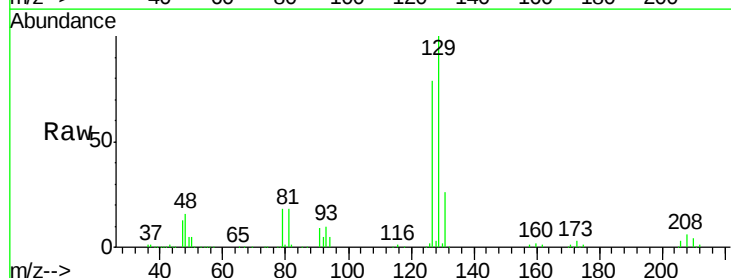
Manual Integrations
APPROVED

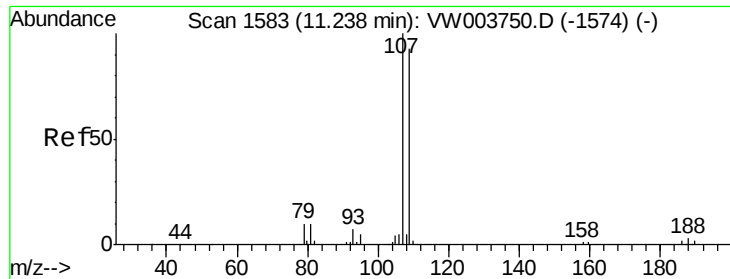
apatel
7/10/2018 10:47:28 AM



#60
Dibromochloromethane
Concen: 55.088 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 129 Resp: 116744
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.285 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 94247

Ion Ratio Lower Upper

107 100

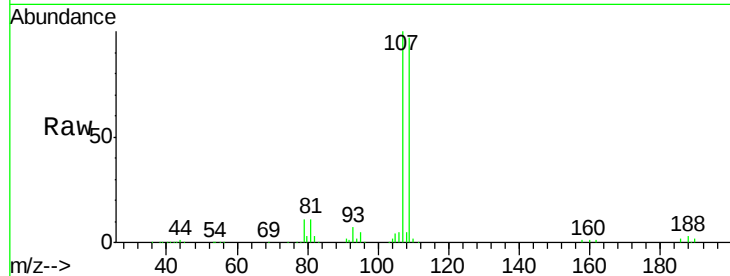
109 93.5 75.1 112.7

Manual Integrations

APPROVED

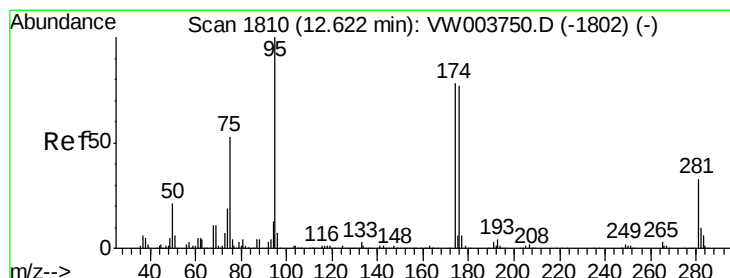
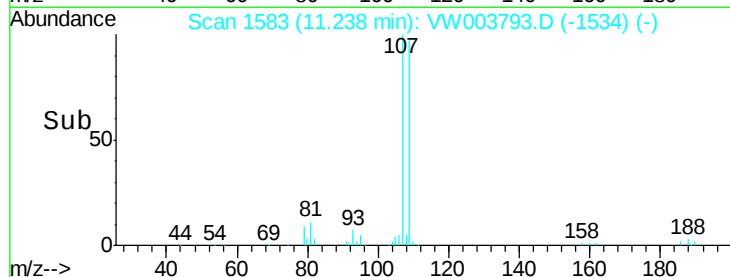
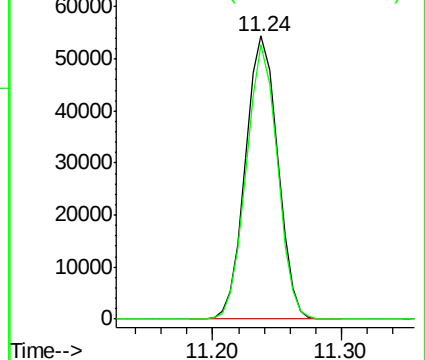
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.887 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

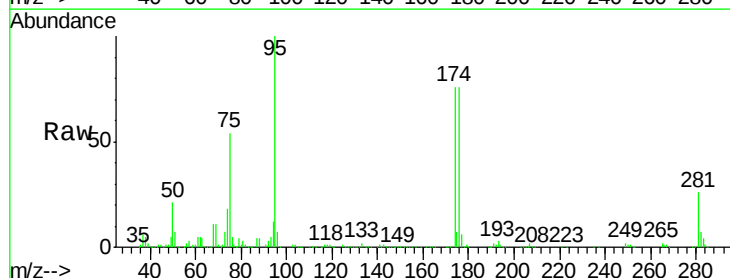
Tgt Ion: 95 Resp: 167574

Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.4

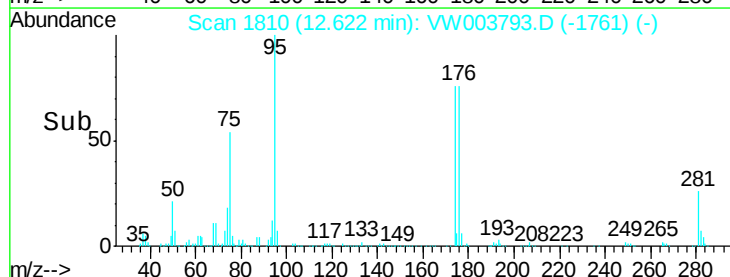
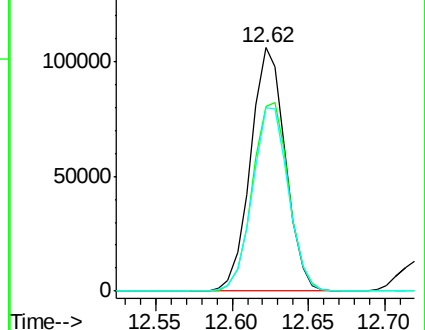
176 77.7 0.0 156.8

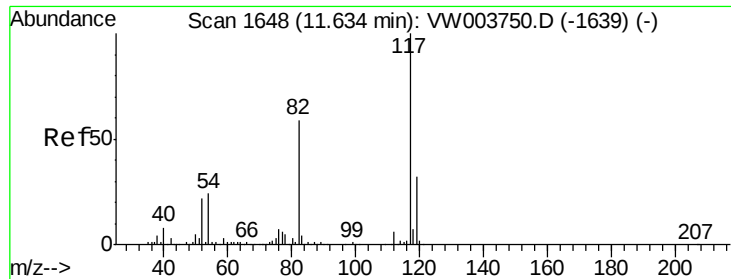


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





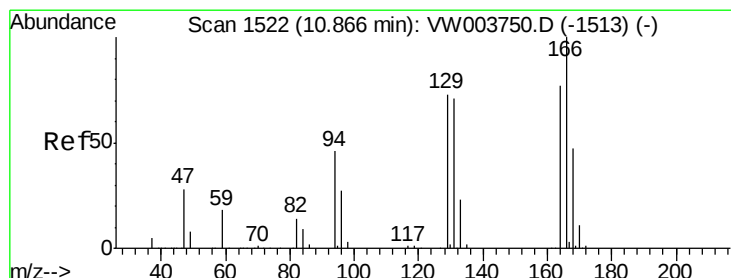
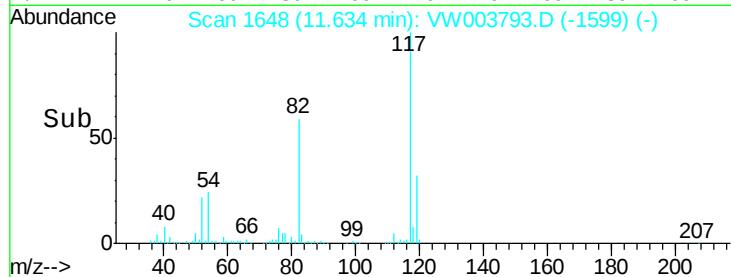
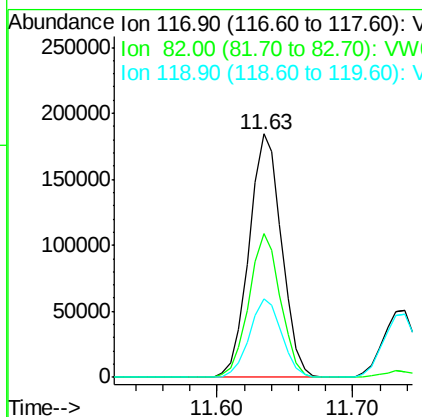
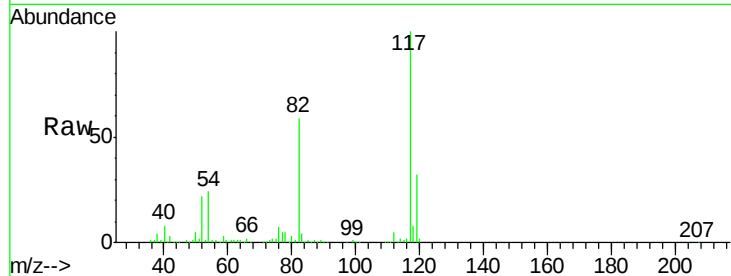
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	308507		
82	58.9	46.9	70.3	
119	32.3	25.5	38.3	

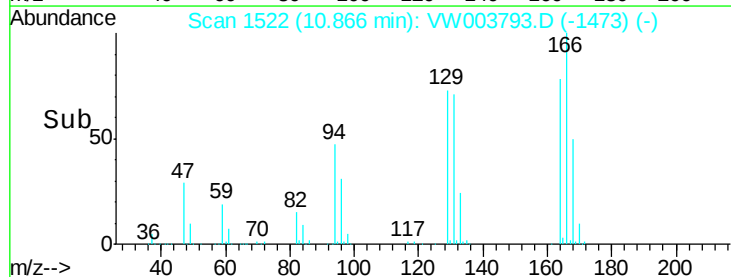
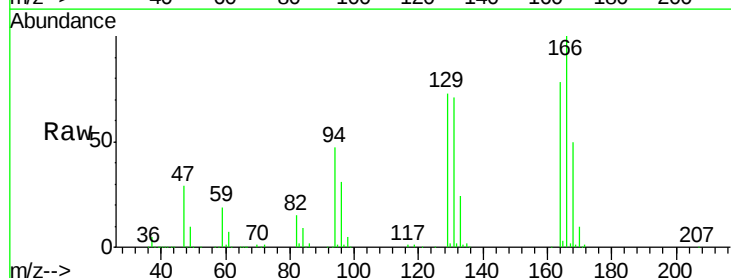
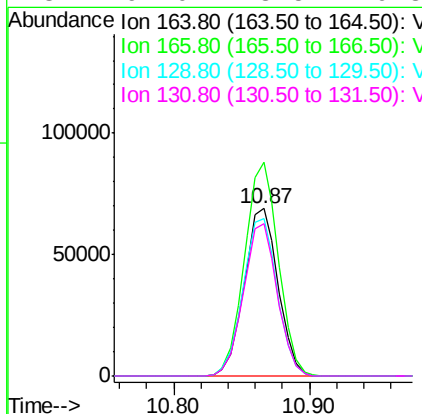
Manual Integrations
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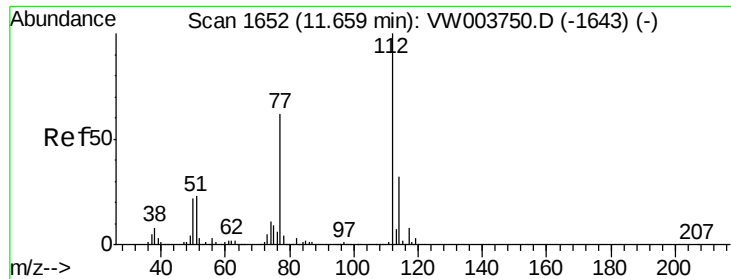
apatel
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#64
Tetrachloroethene
Concen: 52.857 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	120619		
166	127.6	104.2	156.4	
129	93.8	75.8	113.8	
131	91.0	73.5	110.3	





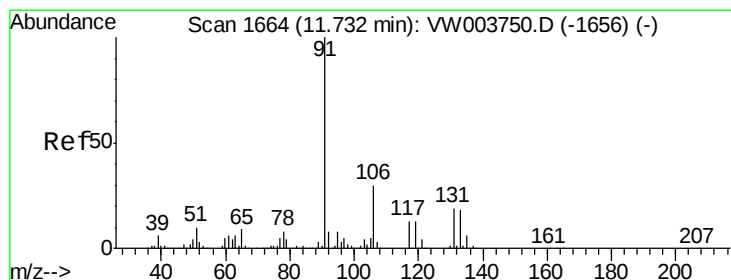
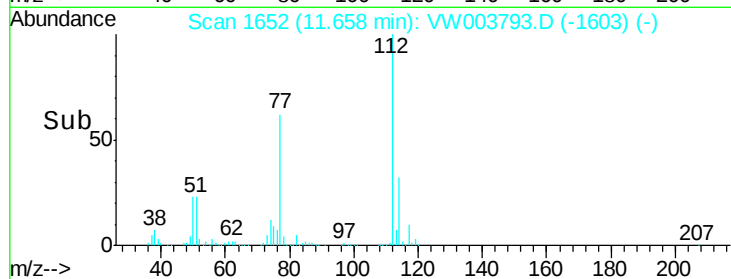
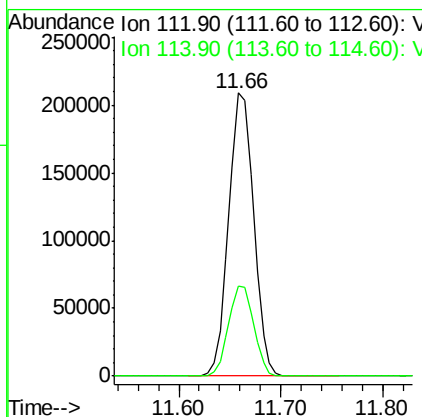
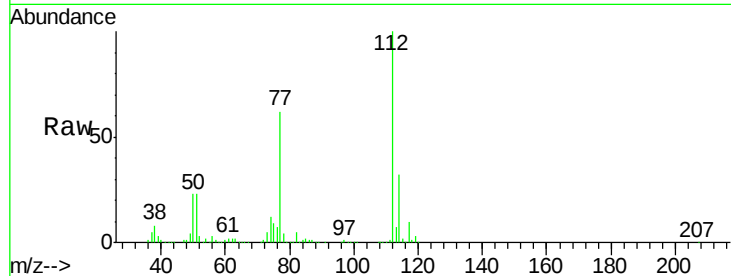
#65
Chlorobenzene
Concen: 52.072 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.0	39.0

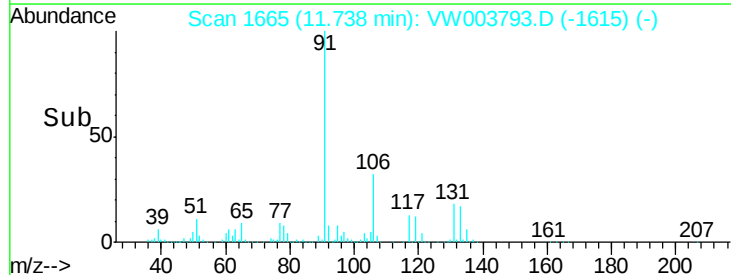
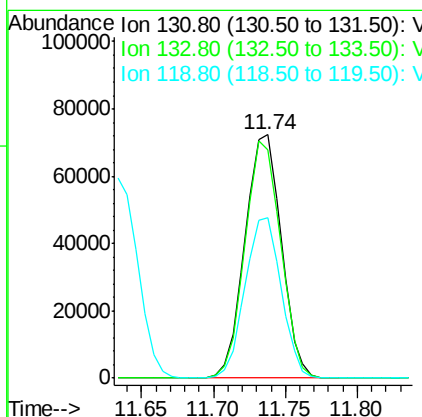
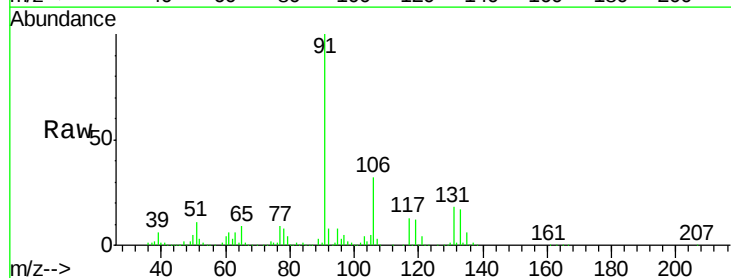
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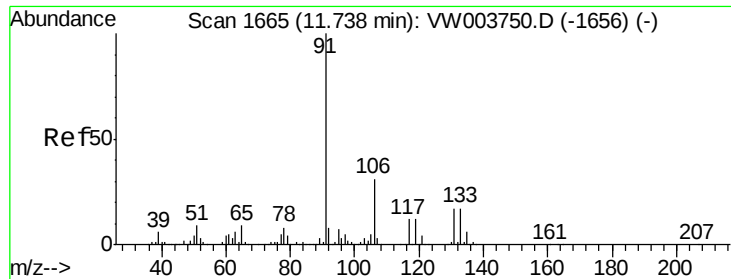
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.202 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.0	144.2
119	65.5	33.2	99.6





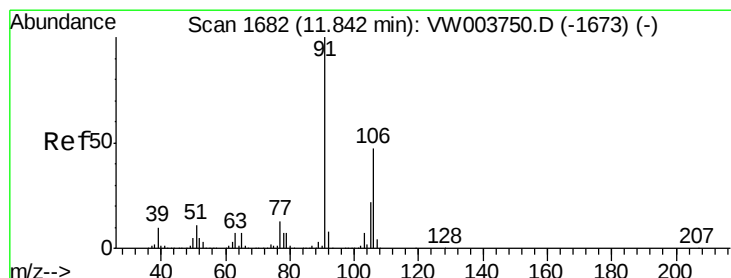
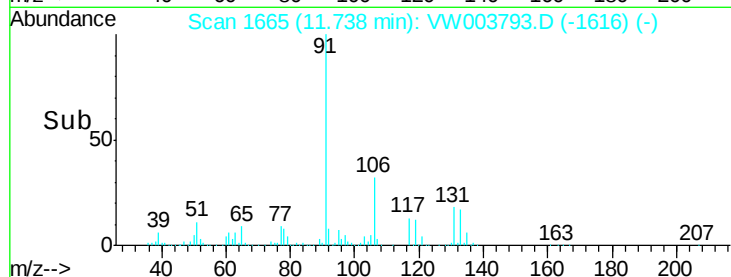
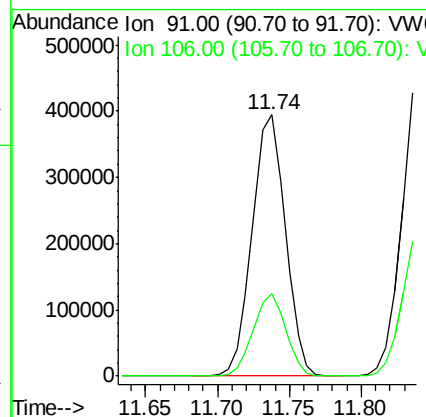
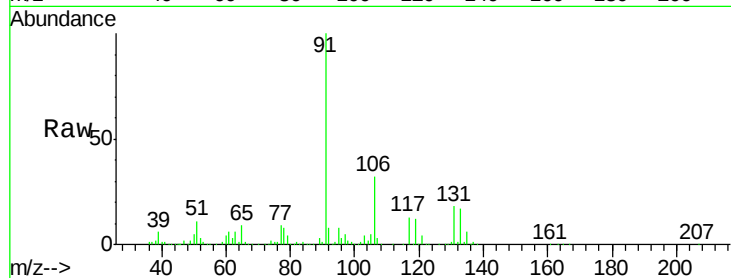
#67
Ethyl Benzene
Concen: 54.148 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 629696
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0

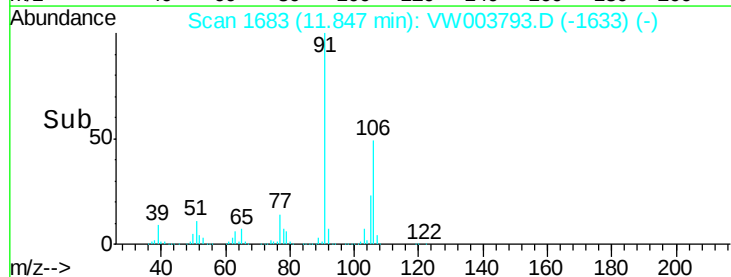
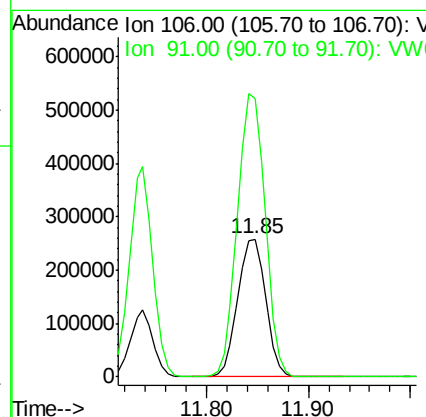
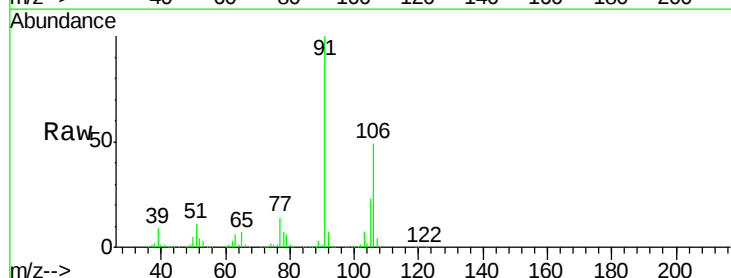
Manual Integrations
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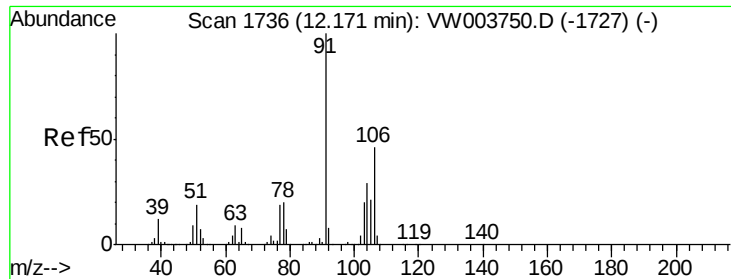
apatel
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#68
m/p-Xylenes
Concen: 110.094 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion: 106 Resp: 490267
Ion Ratio Lower Upper
106 100
91 204.5 164.3 246.5





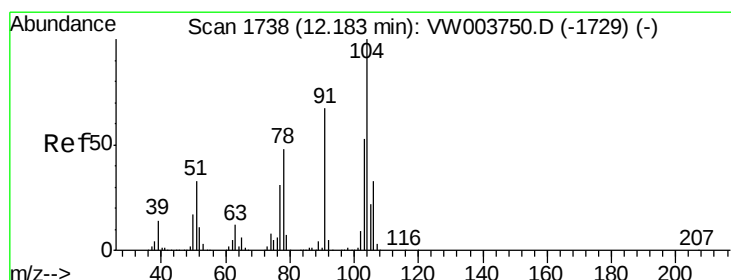
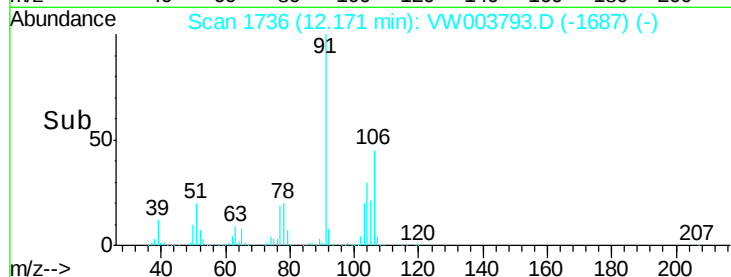
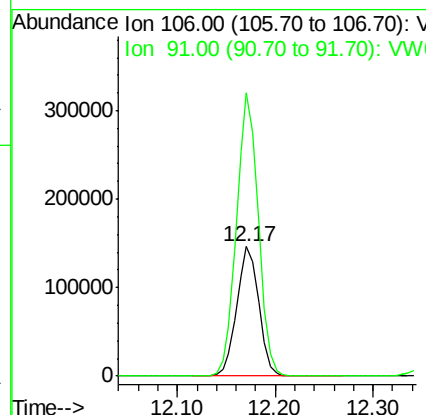
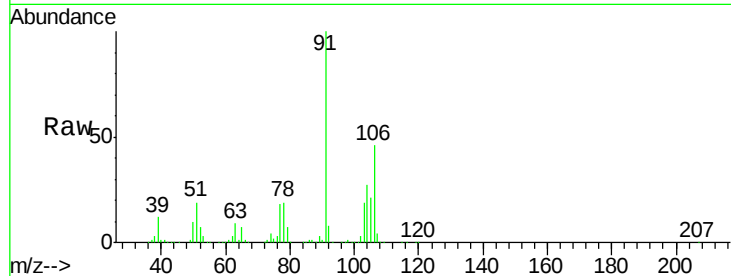
#69
o-Xylene
Concen: 55.523 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 228147
Ion Ratio Lower Upper
106 100
91 216.3 109.1 327.2

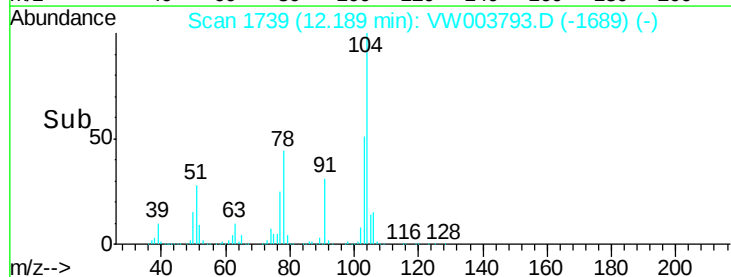
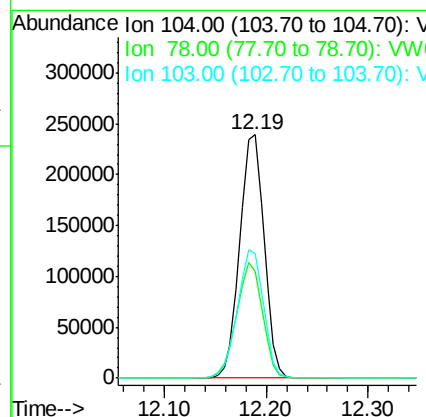
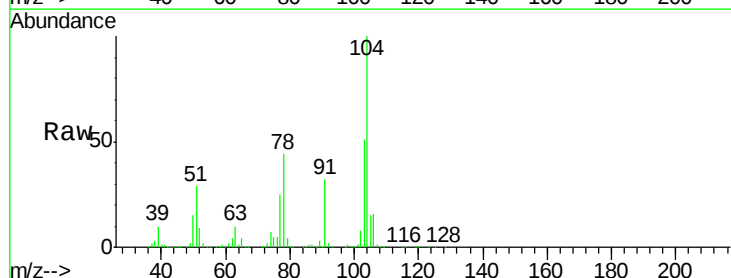
Manual Integrations
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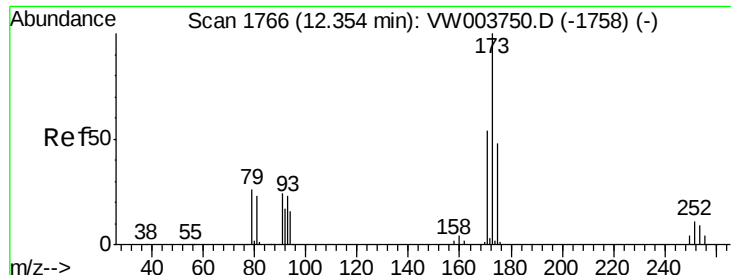
apatel
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#70
Styrene
Concen: 56.651 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion:104 Resp: 395846
Ion Ratio Lower Upper
104 100
78 50.3 41.1 61.7
103 56.0 44.6 67.0





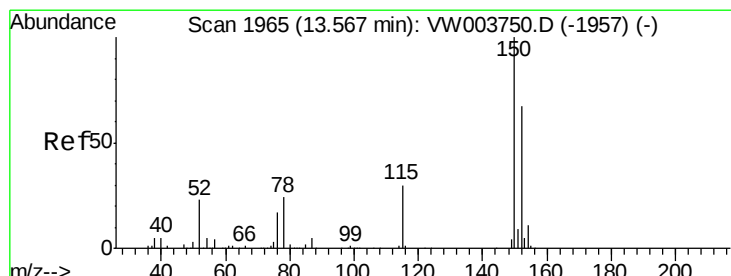
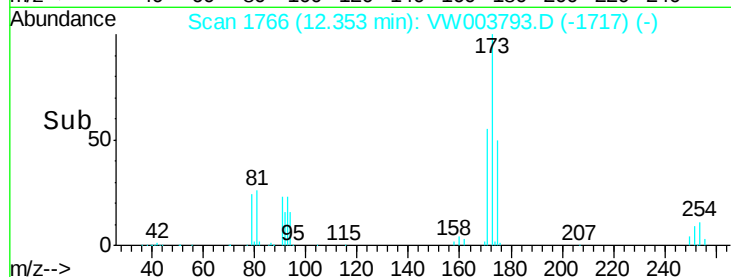
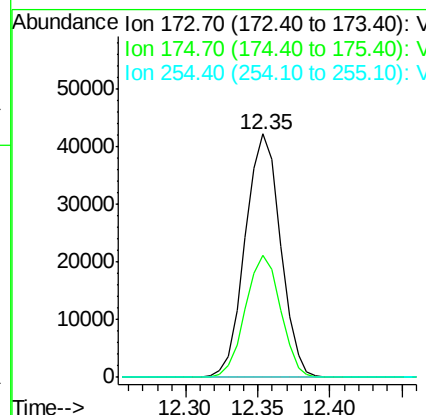
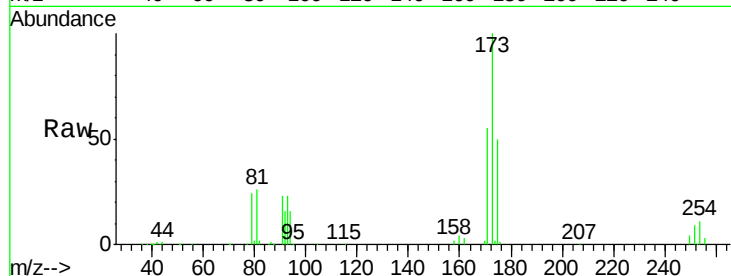
#71
Bromoform
Concen: 54.586 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.1	72.4
254	0.0	0.0	0.0

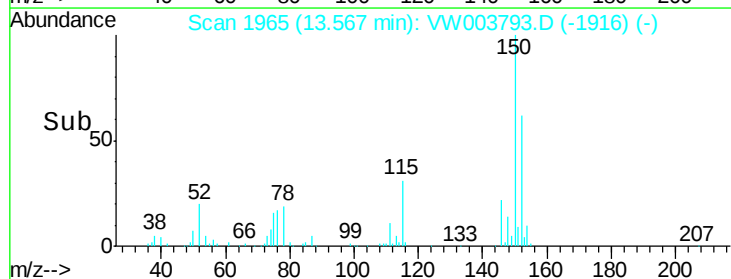
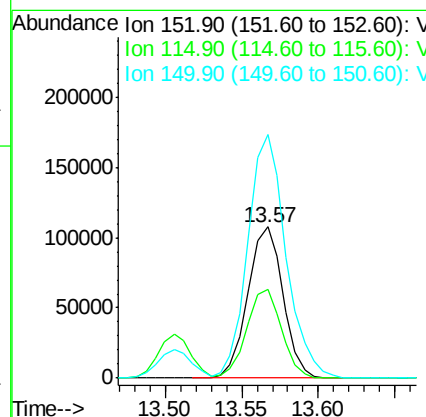
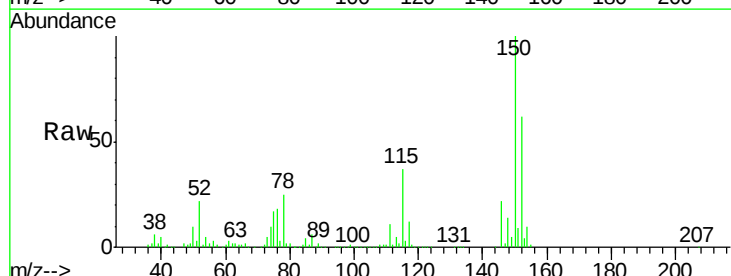
Manual Integrations
APPROVED

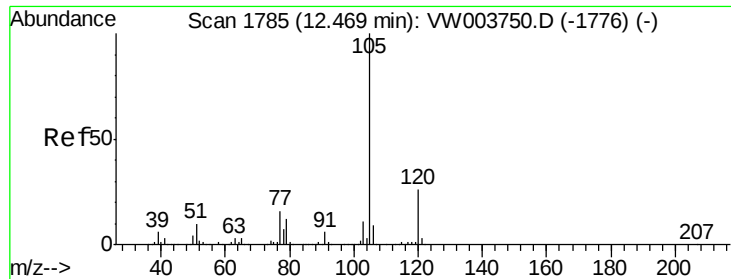
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.8
150	175.2	0.0	342.4





#73

Isopropylbenzene

Concen: 53.672 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 623676

Ion Ratio Lower Upper

105 100

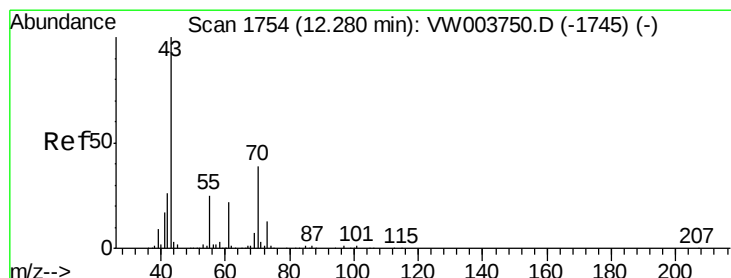
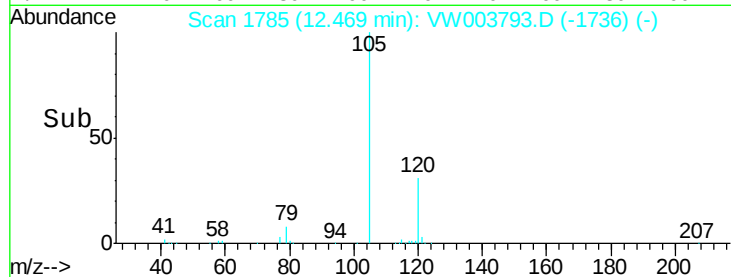
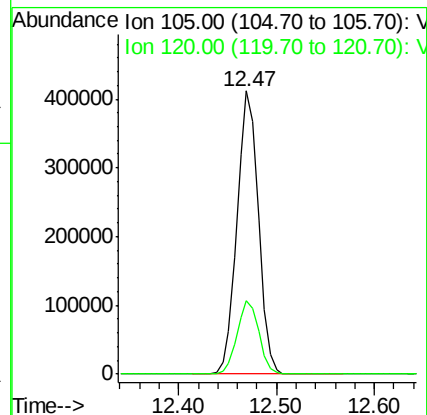
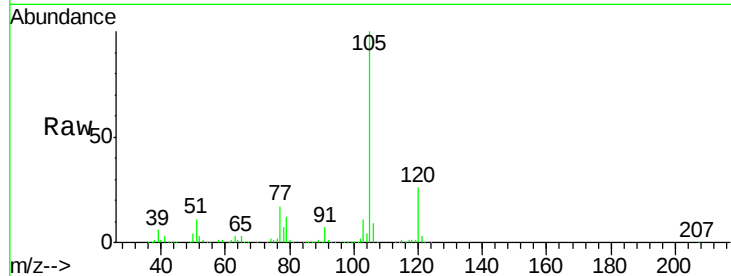
120 26.4 13.1 39.3

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#74

N-ethyl acetate

Concen: 53.319 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion: 43 Resp: 167941

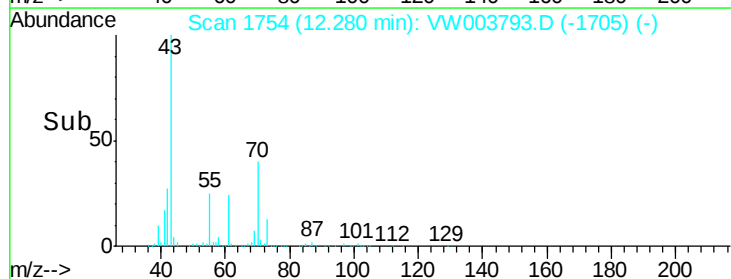
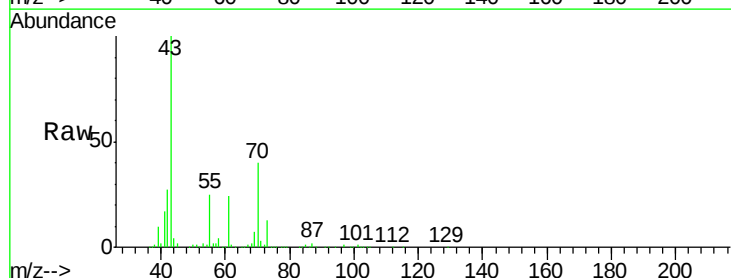
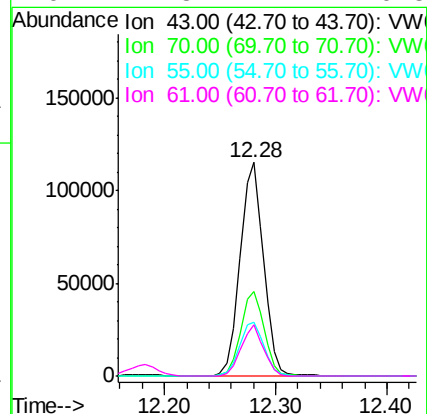
Ion Ratio Lower Upper

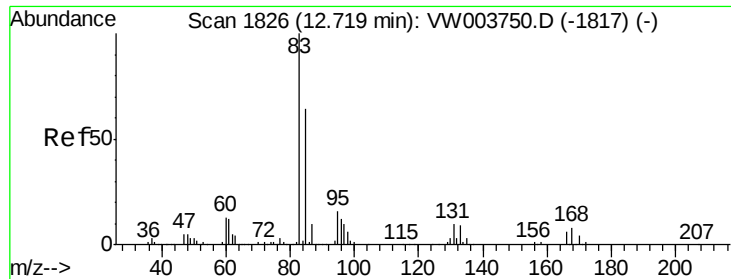
43 100

70 39.6 31.3 46.9

55 26.4 20.1 30.1

61 22.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.036 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

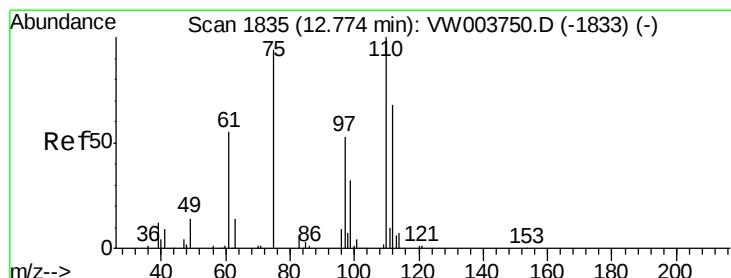
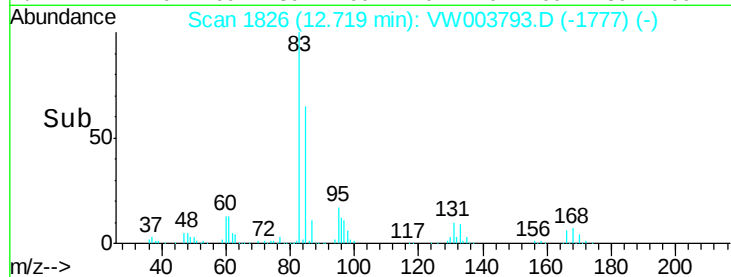
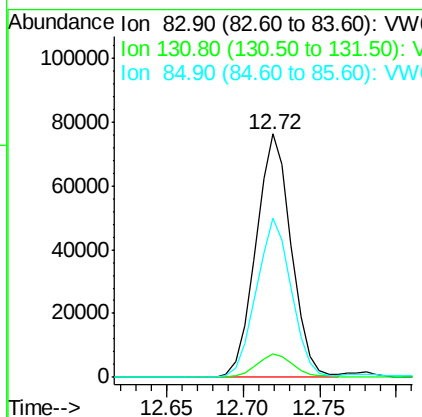
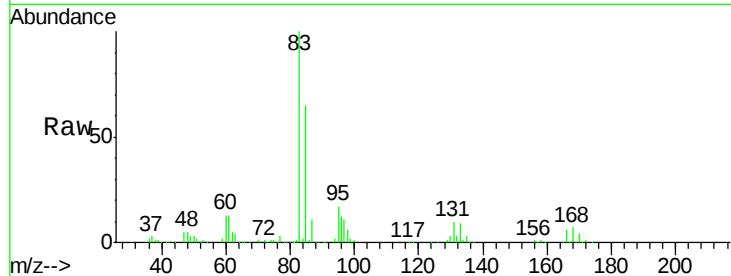
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	122579
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.9	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.932 ug/l m

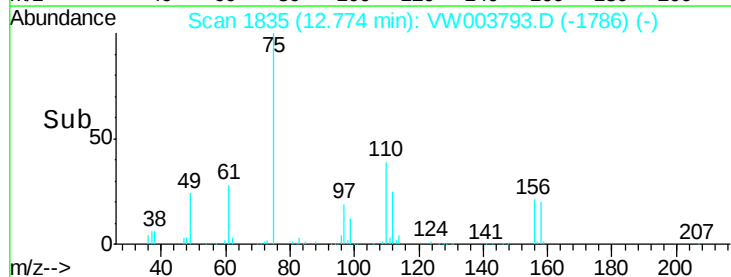
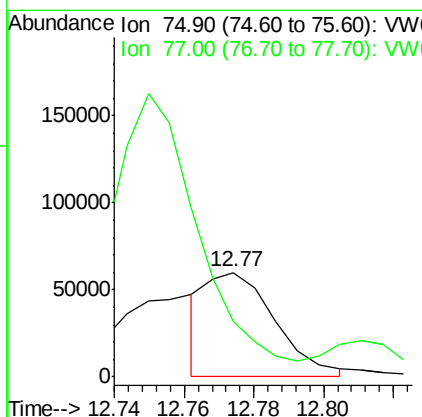
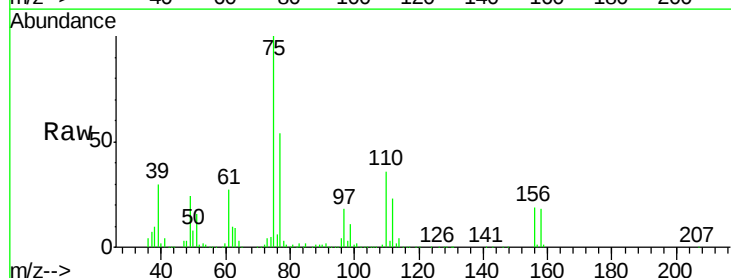
RT: 12.77 min Scan# 1835

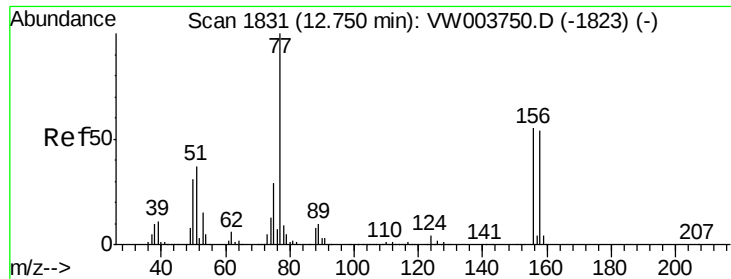
Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion:	75	Resp:	82446
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.141 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

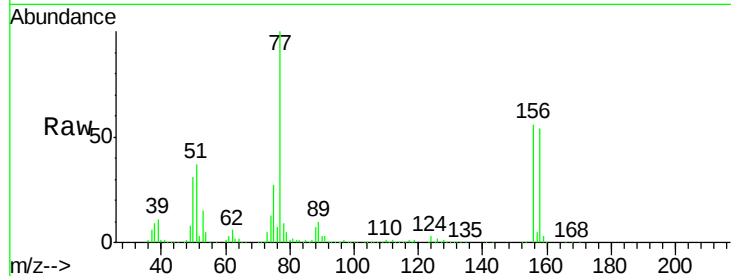
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	193.5		98.7	296.0	
158	97.0		49.0	147.0	

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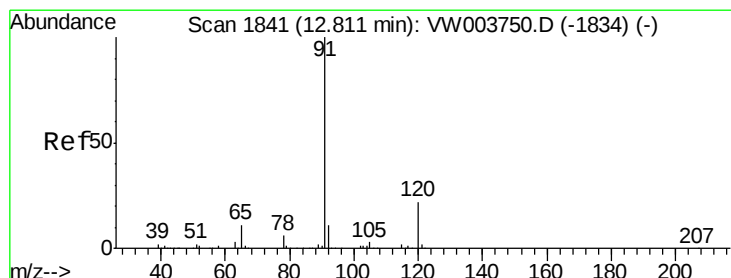
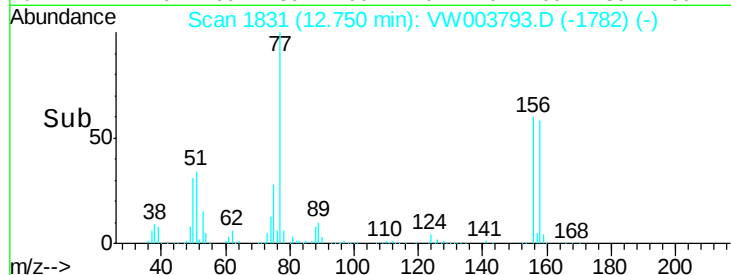
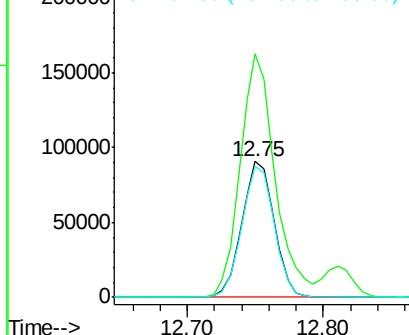
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.139 ug/l

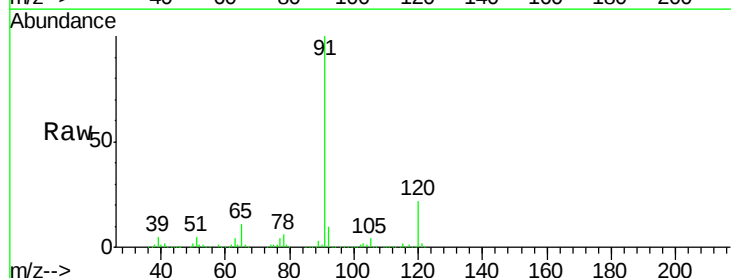
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003793.D

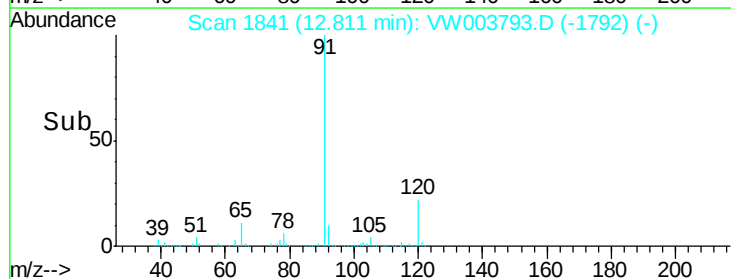
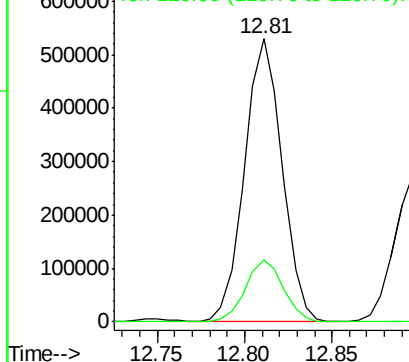
Acq: 09 Jul 2018 22:55

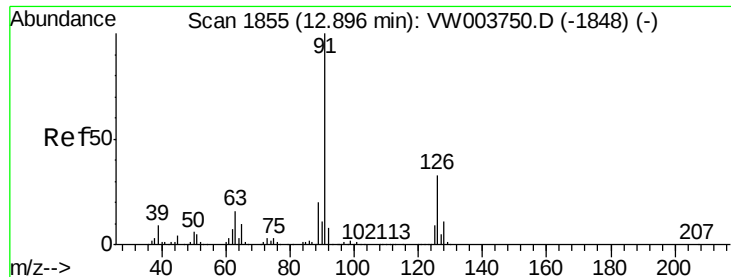
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.2		11.2	33.6	



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.982 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 444004

Ion Ratio Lower Upper

91 100

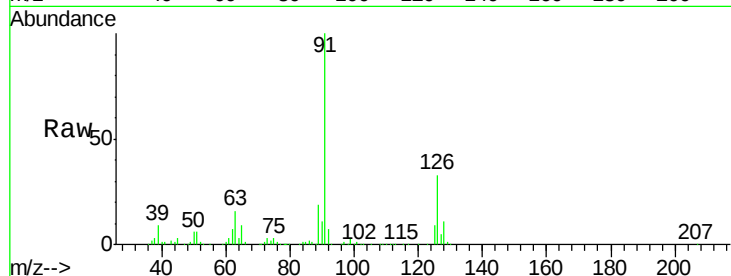
126 33.4 17.0 51.0

Manual Integrations

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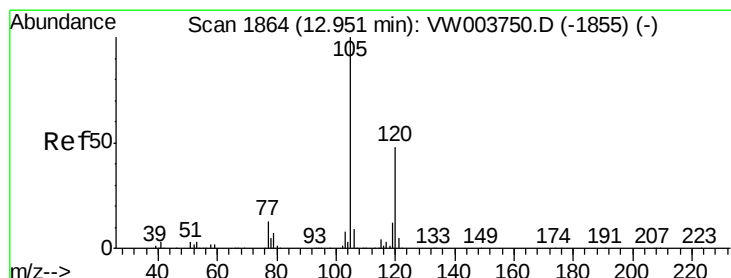
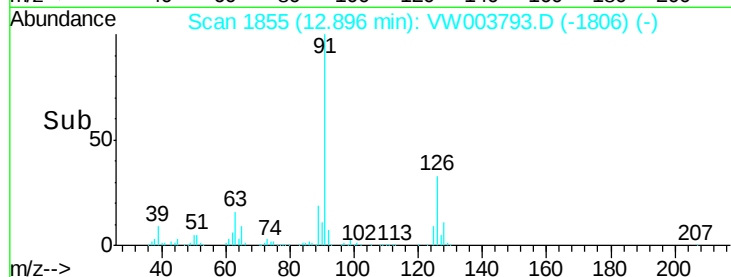
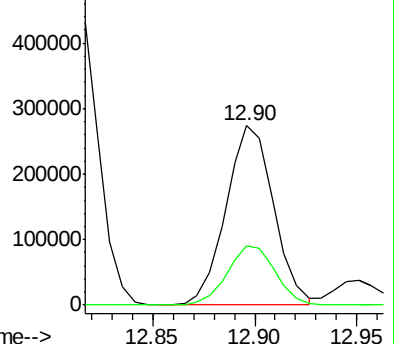
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.500 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003793.D

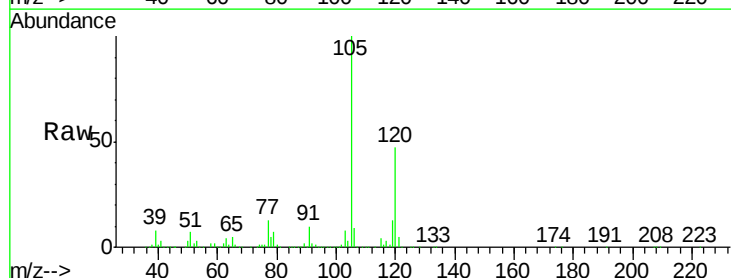
Acq: 09 Jul 2018 22:55

Tgt Ion: 105 Resp: 545825

Ion Ratio Lower Upper

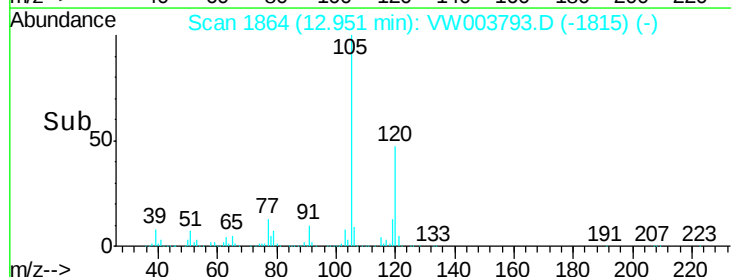
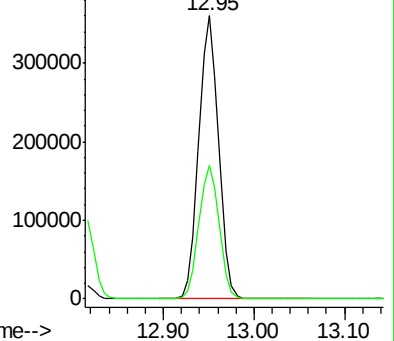
105 100

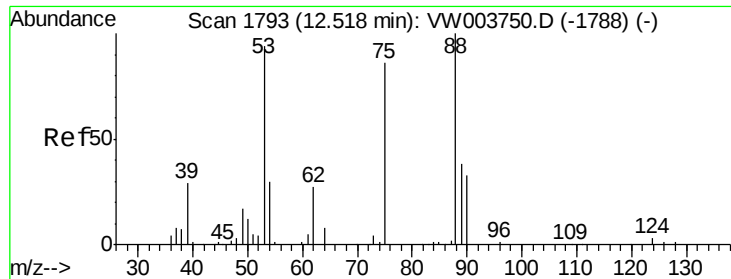
120 48.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





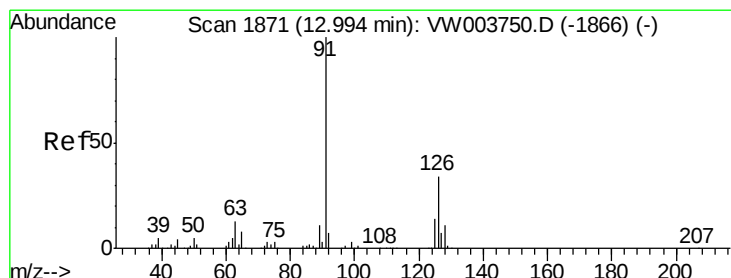
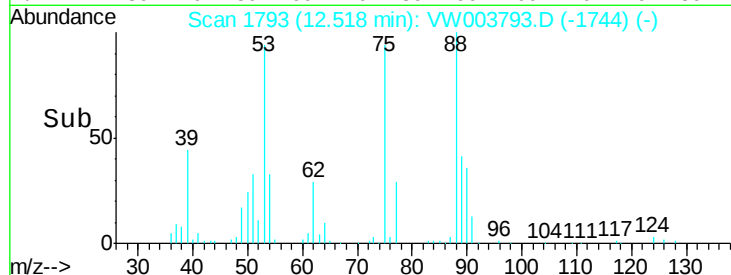
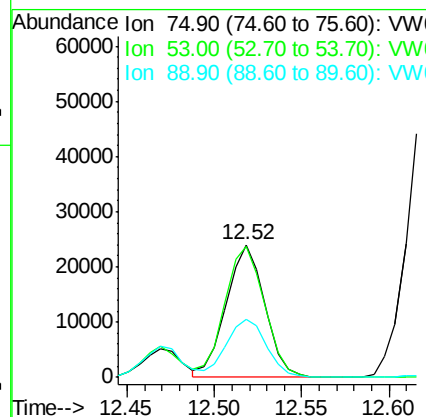
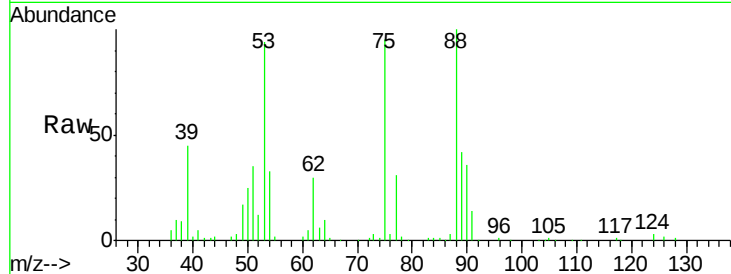
#81
trans-1,4-Dichloro-2-butene
Concen: 52.792 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.3	85.0	127.6
89	45.3	36.3	54.5

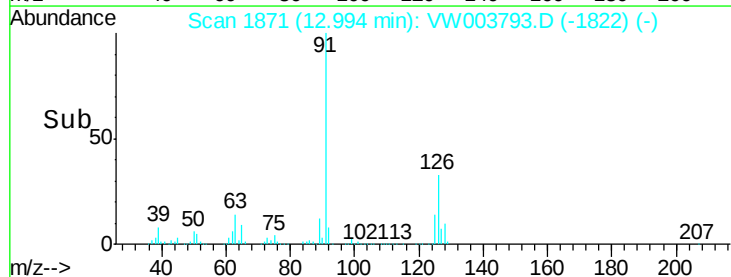
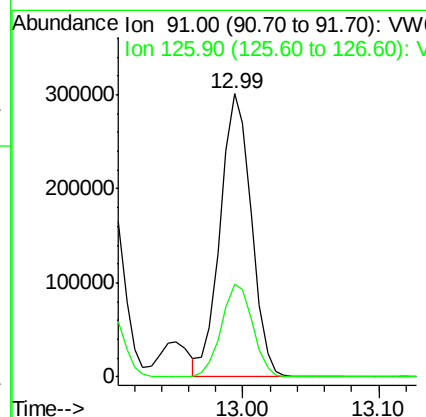
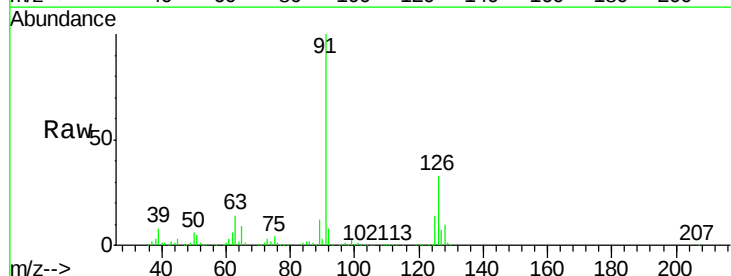
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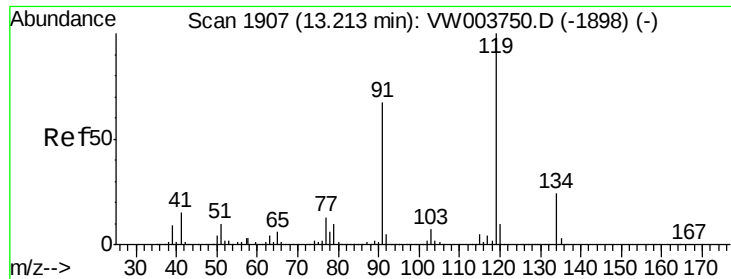
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#82
4-Chlorotoluene
Concen: 52.733 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.5	49.5





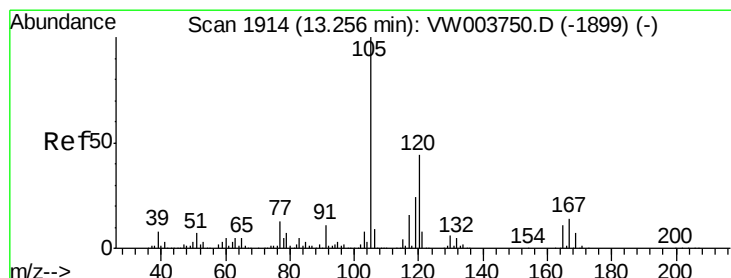
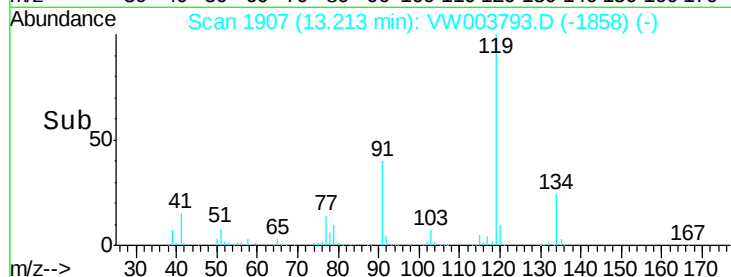
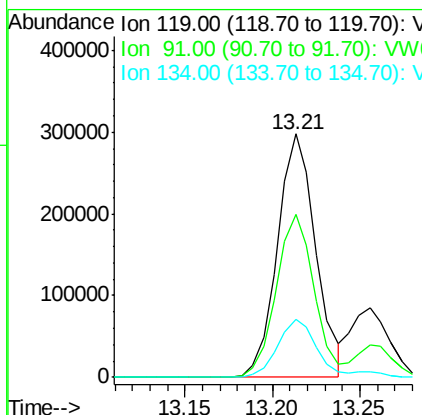
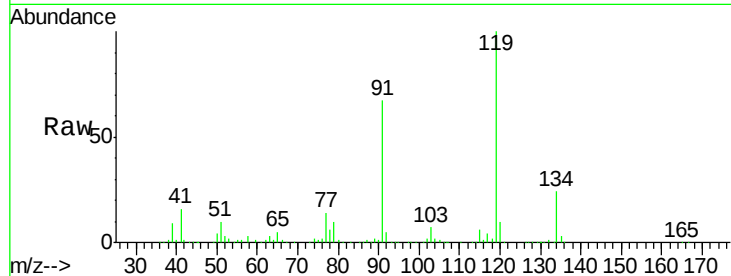
#83
 tert-Butylbenzene
 Concen: 54.975 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	33.0	98.9
134	25.8	12.8	38.4

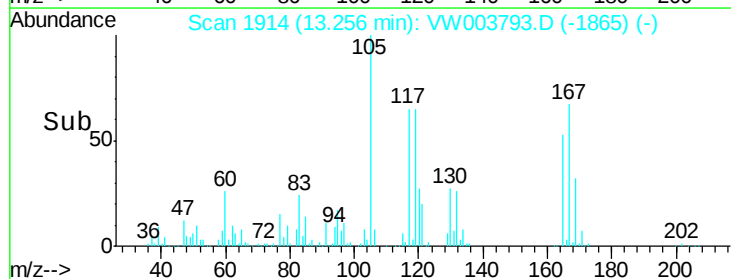
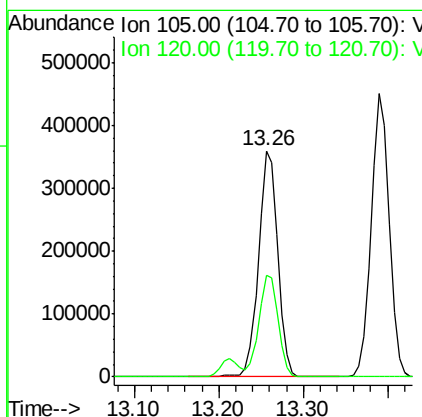
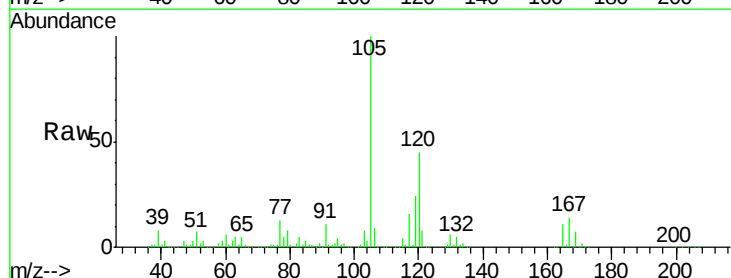
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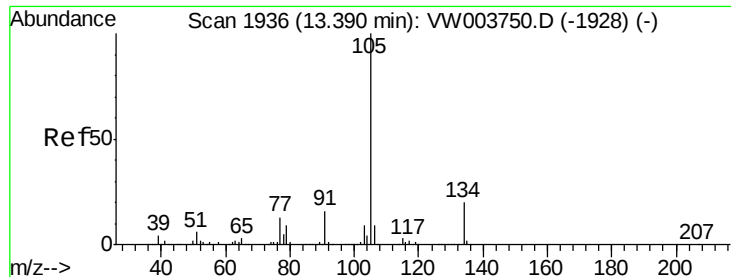
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.828 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 54.061 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 667969

Ion Ratio Lower Upper

105 100

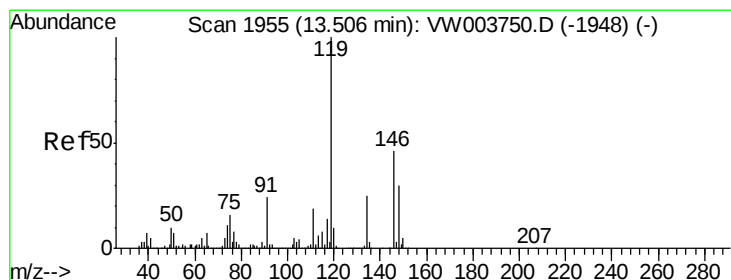
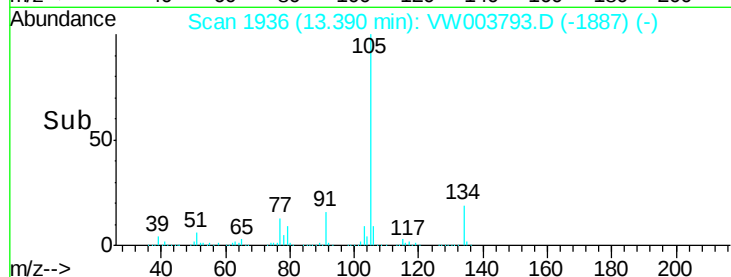
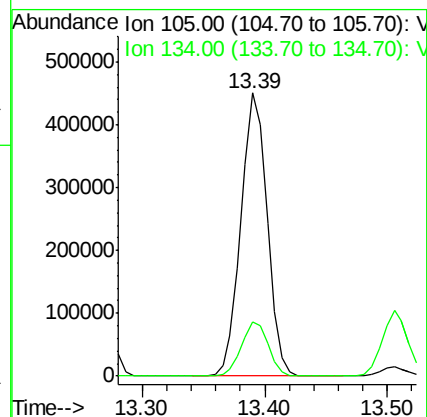
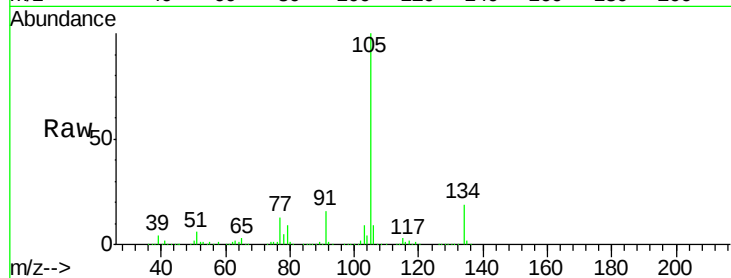
134 19.6 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.052 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

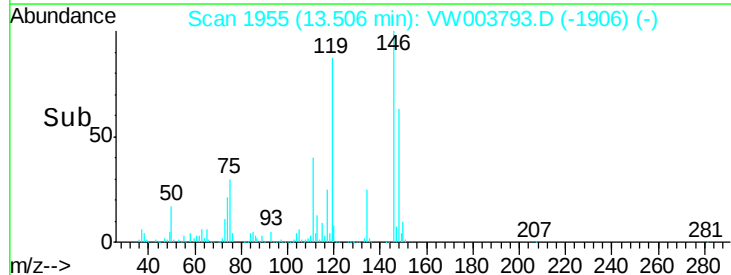
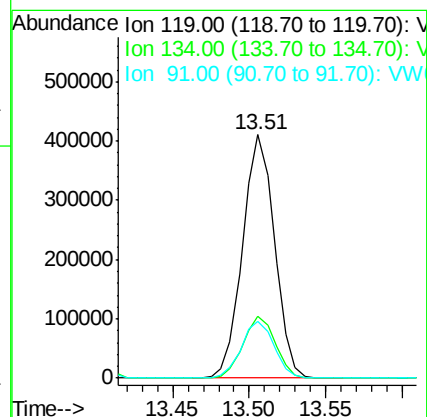
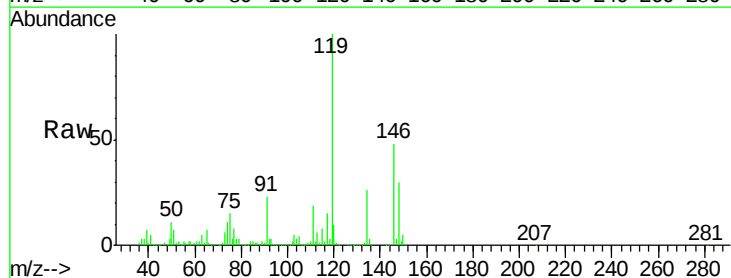
Tgt Ion:119 Resp: 594380

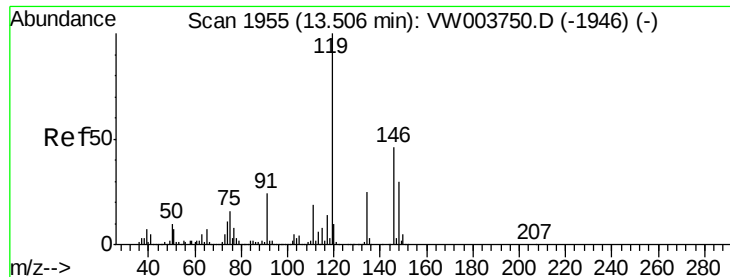
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 51.999 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Instrument :

MSVOA_W

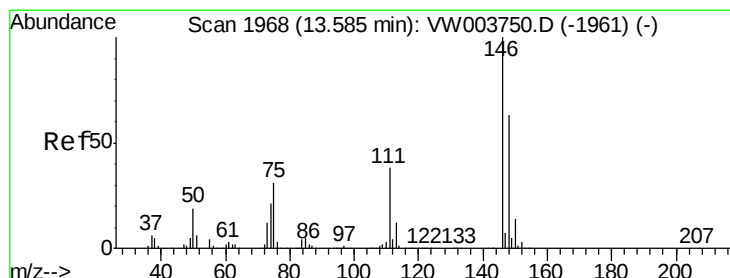
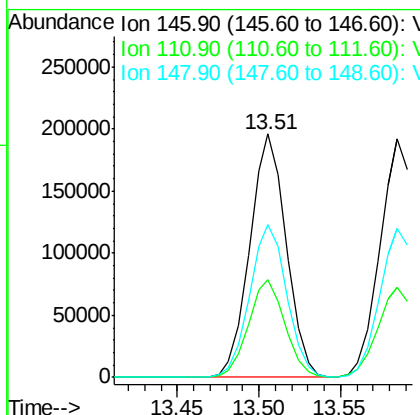
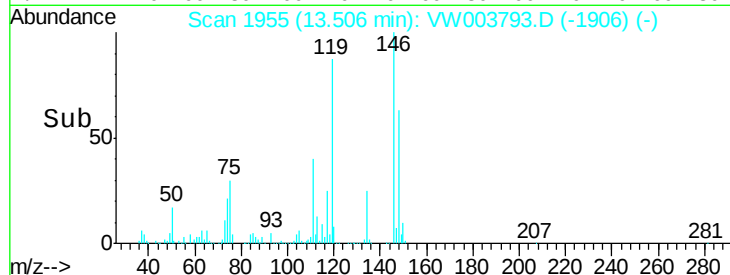
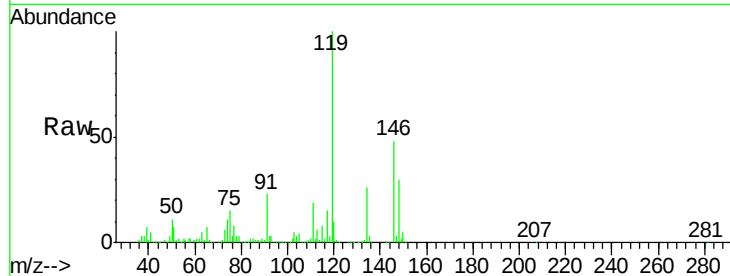
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	303921
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.2	60.5
148	63.7	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.196 ug/l

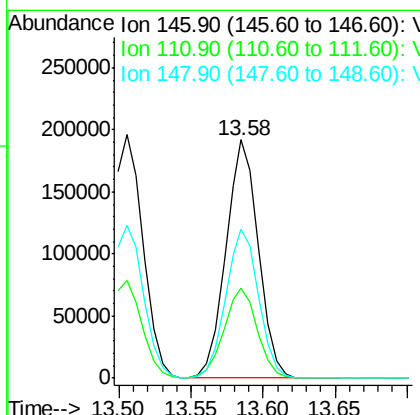
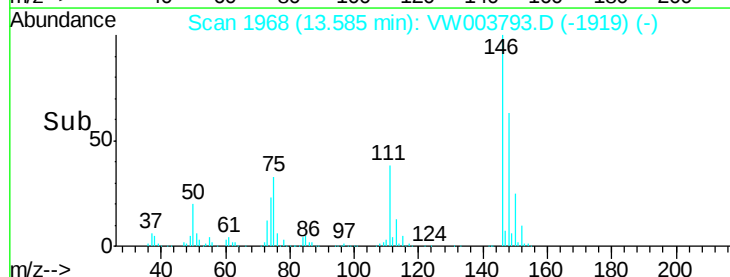
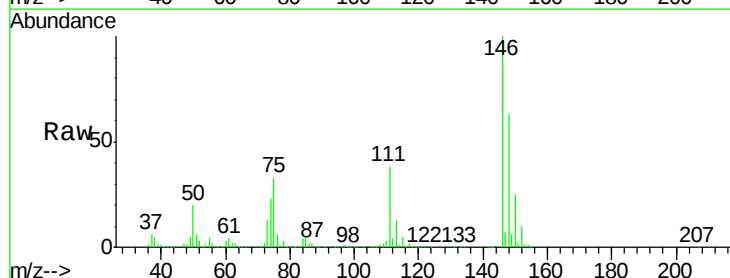
RT: 13.58 min Scan# 1968

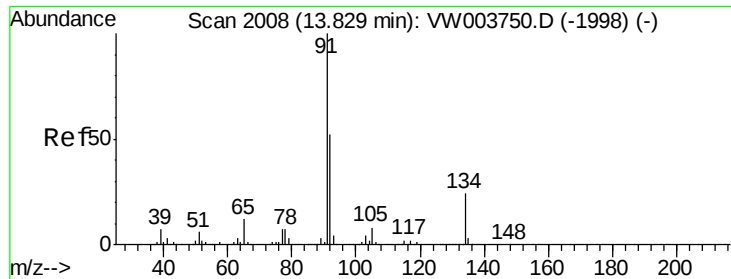
Delta R.T. -0.00 min

Lab File: VW003793.D

Acq: 09 Jul 2018 22:55

Tgt Ion:	146	Resp:	300900
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.4	58.4
148	63.3	31.9	95.7





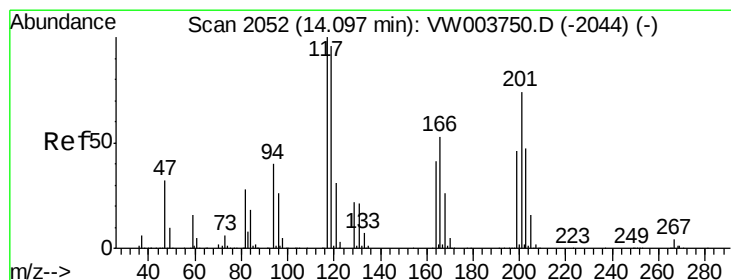
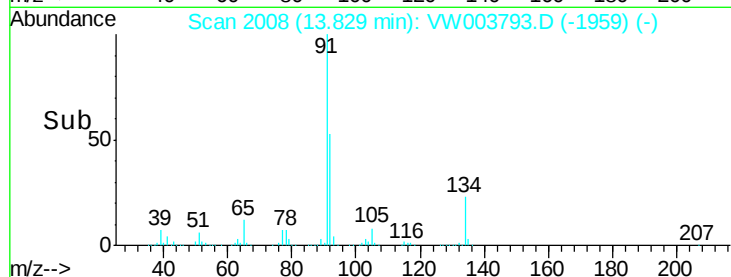
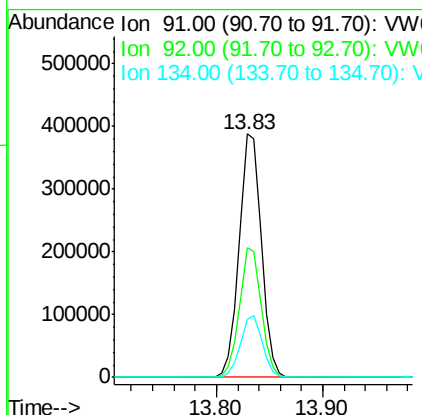
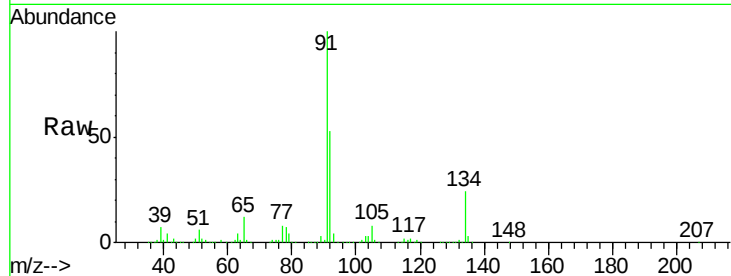
#89
n-Butylbenzene
Concen: 53.817 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.3
134	24.7	12.4	37.4

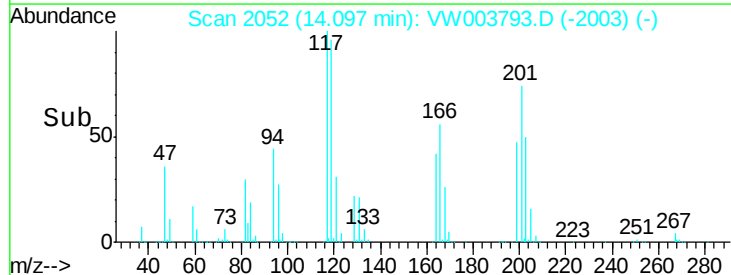
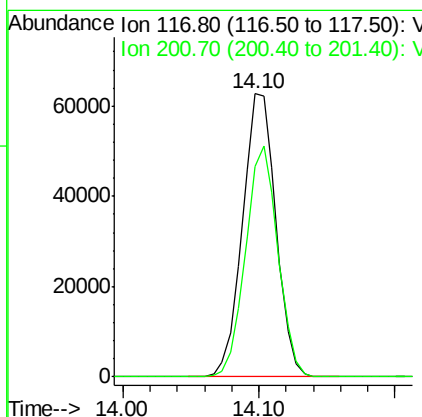
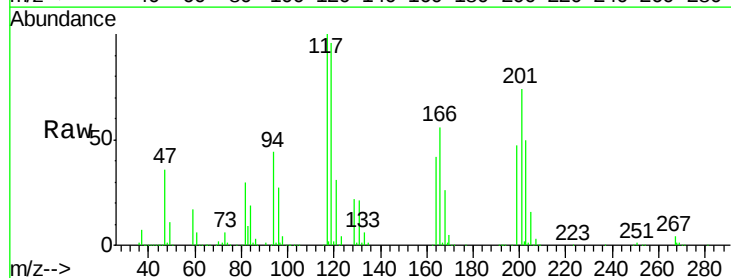
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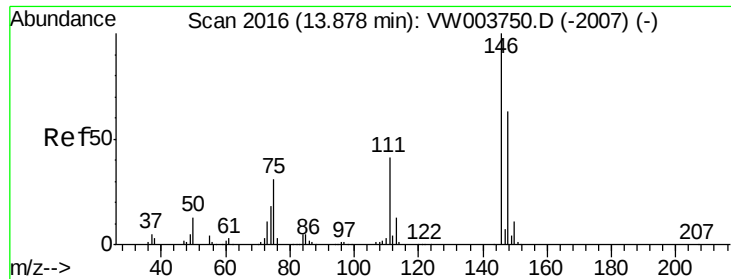
apatel
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#90
Hexachloroethane
Concen: 51.792 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	39.2	117.6





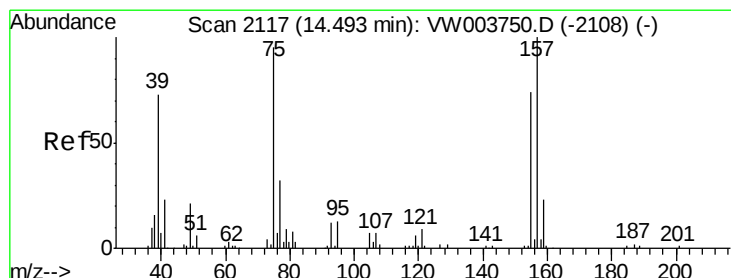
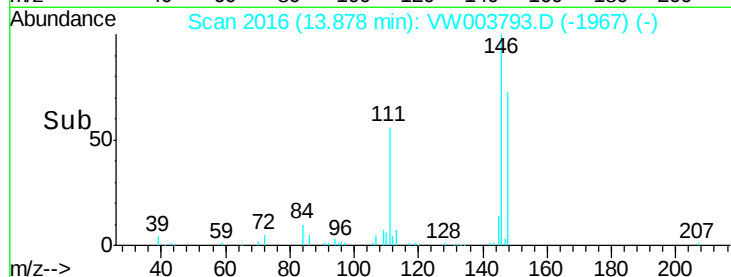
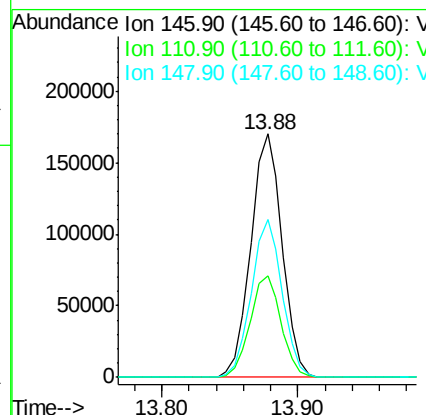
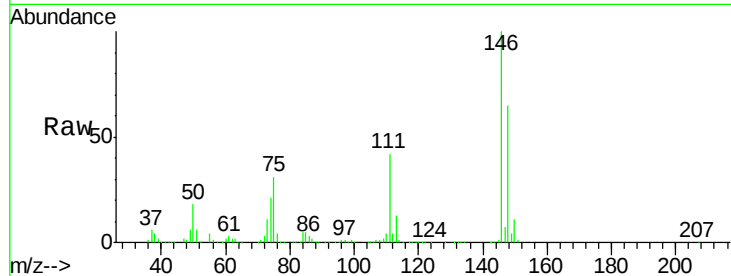
#91
 1,2-Dichlorobenzene
 Concen: 52.136 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	63.9	31.9	95.9

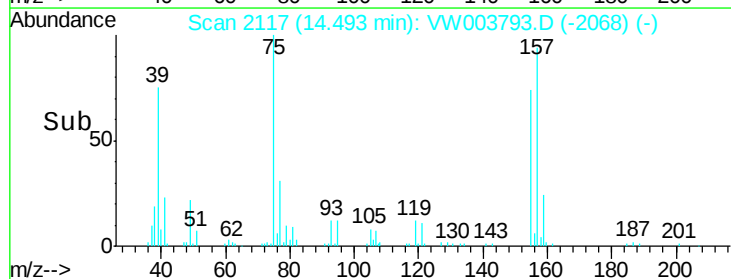
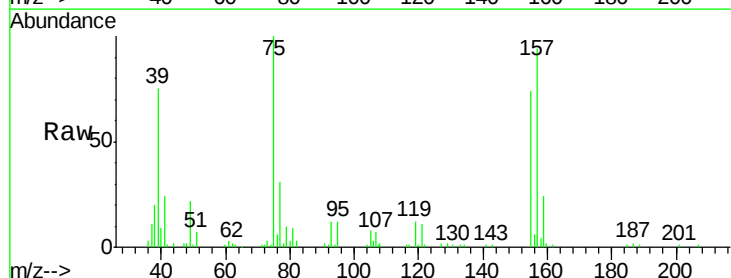
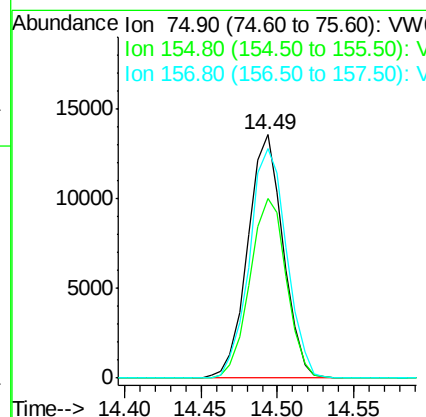
Manual Integrations
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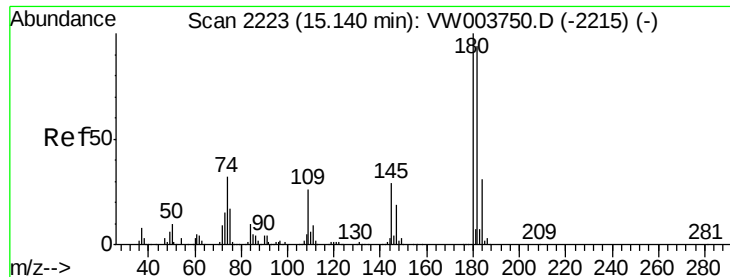
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.431 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	39.2	117.6
157	99.2	50.7	152.1





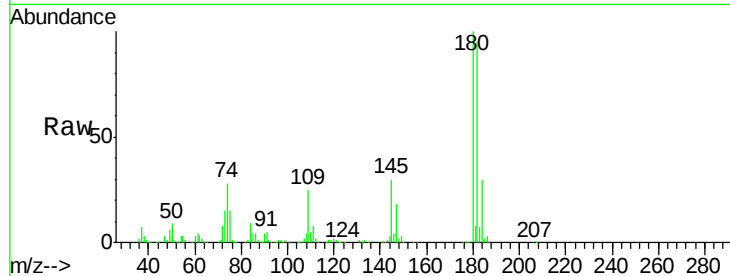
#93
 1,2,4-Trichlorobenzene
 Concen: 52.138 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

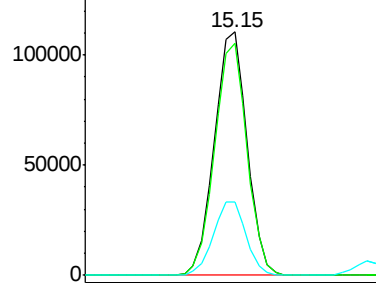
Tot Ion	Ratio	Resp	Lower	Upper
180	100	185653		
182	94.7	47.4	142.2	
145	30.2	15.0	45.0	

Manual Integrations
 APPROVED

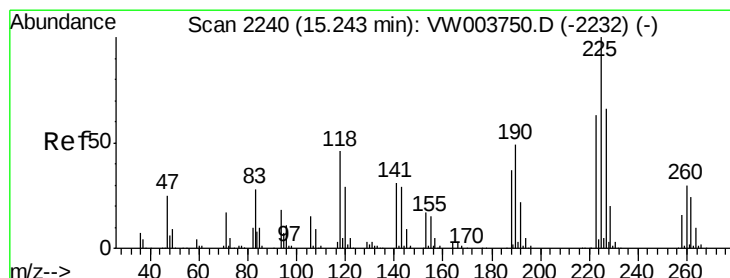
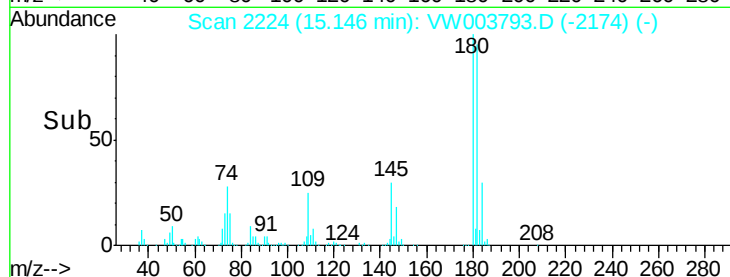
apatel
 7/10/2018 10:47:28 AM



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

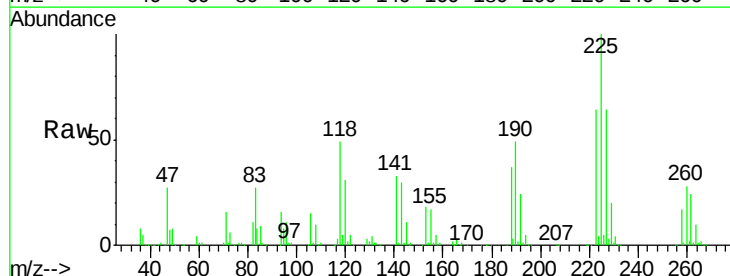


Time-->

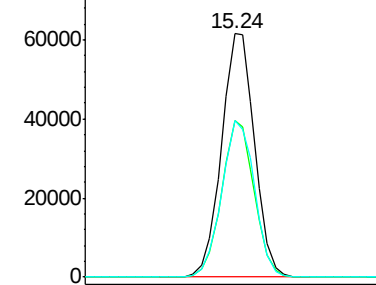


#94
 Hexachlorobutadiene
 Concen: 51.354 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003793.D
 Acq: 09 Jul 2018 22:55

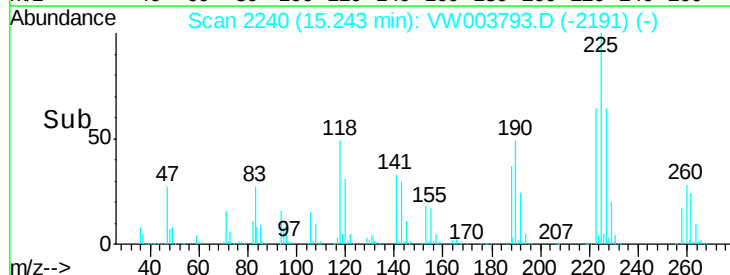
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104596		
223	63.1	32.6	97.7	
227	64.1	32.5	97.5	

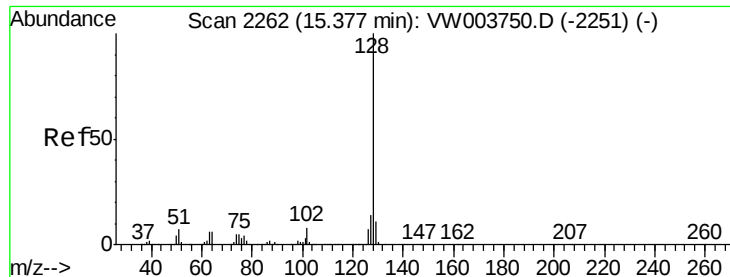


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





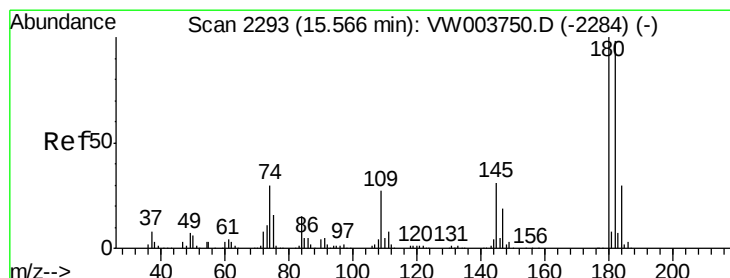
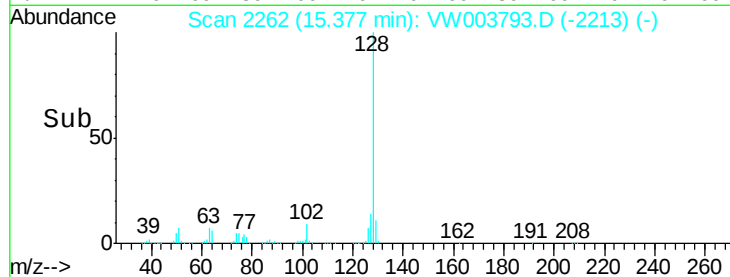
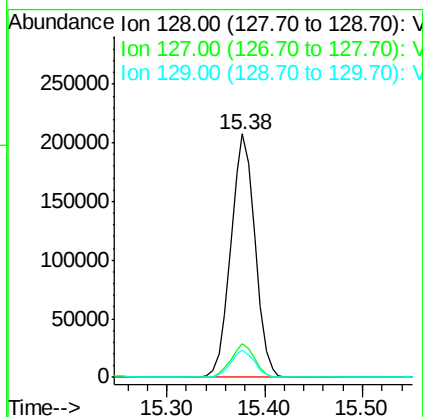
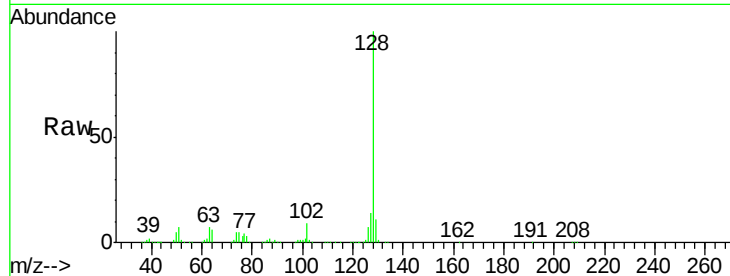
#95
Naphthalene
Concen: 55.650 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.1	8.6	13.0

Manual Integrations
APPROVED

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7/10/2018 10:47:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.272 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003793.D
Acq: 09 Jul 2018 22:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	31.9	15.8	47.4

