

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003870.D
 Acq On : 11 Jul 2018 17:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 7/12/2018 10:58:56 AM

Quant Time: Jul 12 06:38:49 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	229696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	353690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169185	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	135374	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	
35) Dibromofluoromethane	7.88	113	119410	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	10.33	98	475407	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.62	95	168501	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	56043	50.168	ug/l	97
3) Chloromethane	2.21	50	89971	42.424	ug/l	98
4) Vinyl Chloride	2.36	62	127913	45.729	ug/l	99
5) Bromomethane	2.78	94	83202	42.138	ug/l	98
6) Chloroethane	2.92	64	77227	46.036	ug/l	99
7) Trichlorofluoromethane	3.25	101	60772	53.781	ug/l	97
8) Diethyl Ether	3.67	74	55885	48.257	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117212	53.337	ug/l	100
10) Methyl Iodide	4.26	142	166202	50.810	ug/l	99
11) Tert butyl alcohol	5.22	59	36827	226.232	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	114267	52.957	ug/l	96
13) Acrolein	3.90	56	47199	210.800	ug/l	98
14) Allyl chloride	4.66	41	204241	54.443	ug/l	98
15) Acrylonitrile	5.38	53	140628	242.492	ug/l	99
16) Acetone	4.14	43	147901	283.799	ug/l	98
17) Carbon Disulfide	4.37	76	347280	49.092	ug/l	98
18) Methyl Acetate	4.68	43	69062	47.003	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	225113	50.488	ug/l	99
20) Methylene Chloride	4.91	84	142663	56.765	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	125308	49.054	ug/l	98
22) Diisopropyl ether	6.31	45	414116	50.212	ug/l	99
23) Vinyl Acetate	6.26	43	1271378	252.529	ug/l	100
24) 1,1-Dichloroethane	6.21	63	241864	48.488	ug/l	99
25) 2-Butanone	7.18	43	198982	243.773	ug/l	100
26) 2,2-Dichloropropane	7.17	77	144243	53.314	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	137979	48.846	ug/l	99
28) Bromochloromethane	7.51	49	100150	45.070	ug/l	99
29) Tetrahydrofuran	7.54	42	123521	235.402	ug/l	99
30) Chloroform	7.68	83	243527	47.859	ug/l	98
31) Cyclohexane	7.95	56	221006	50.420	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	191911	49.555	ug/l	99
36) 1,1-Dichloropropene	8.08	75	198181	52.809	ug/l	99
37) Ethyl Acetate	7.26	43	88539	48.487	ug/l	99
38) Carbon Tetrachloride	8.07	117	185324	51.939	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	231208	56.252	ug/l	98
40) Benzene	8.32	78	546430	50.931	ug/l	99
41) Methacrylonitrile	7.49	41	55105	52.461	ug/l	94
42) 1,2-Dichloroethane	8.40	62	166290	47.891	ug/l	99
43) Isopropyl Acetate	8.43	43	168252	48.617	ug/l	99
44) Trichloroethene	9.09	130	137105	50.690	ug/l	99
45) 1,2-Dichloropropane	9.37	63	140167	50.245	ug/l	100
46) Dibromomethane	9.46	93	70368	47.973	ug/l	99
47) Bromodichloromethane	9.65	83	178857	49.565	ug/l	99
48) Methyl methacrylate	9.44	41	81815	49.640	ug/l	98
49) 1,4-Dioxane	9.48	88	20063	915.173	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	448703	250.550	ug/l	100
52) Toluene	10.39	92	345496	51.933	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	186110	51.654	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	213049	52.382	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97913	48.062	ug/l	97
56) Ethyl methacrylate	10.65	69	130324	52.422	ug/l	97
57) 1,3-Dichloropropane	10.94	76	177271	49.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	323215	247.087	ug/l	99
59) 2-Hexanone	10.98	43	318481	258.977	ug/l	99
60) Dibromochloromethane	11.13	129	116898	49.156	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92299	47.376	ug/l	99
64) Tetrachloroethene	10.87	164	117193	48.930	ug/l	99
65) Chlorobenzene	11.66	112	363482	50.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	129093	51.754	ug/l	98
67) Ethyl Benzene	11.74	91	660753	54.136	ug/l	98
68) m/p-Xylenes	11.84	106	503137	107.649	ug/l	99
69) o-Xylene	12.17	106	234923	54.472	ug/l	100
70) Styrene	12.18	104	400523	54.613	ug/l	100
71) Bromoform	12.35	173	68829	50.000	ug/l #	99
73) Isopropylbenzene	12.47	105	662978	57.863	ug/l	100
74) N-amyl acetate	12.28	43	163089	52.513	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	117859	50.742	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	96939m	58.349	ug/l	
77) Bromobenzene	12.76	156	149721	52.636	ug/l	99
78) n-propylbenzene	12.81	91	828541	57.606	ug/l	100
79) 2-Chlorotoluene	12.90	91	458115	55.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	563127	57.025	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38596	56.830	ug/l	95
82) 4-Chlorotoluene	12.99	91	486206	54.719	ug/l	99
83) tert-Butylbenzene	13.21	119	478792	58.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	573745	55.927	ug/l	99
85) sec-Butylbenzene	13.39	105	708868	58.184	ug/l	100
86) p-Isopropyltoluene	13.51	119	619525	58.195	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	305298	52.975	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298975	51.590	ug/l	99
89) n-Butylbenzene	13.83	91	608311	58.090	ug/l	100
90) Hexachloroethane	14.10	117	109643	53.467	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	265449	51.175	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19340	48.102	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	189010	53.833	ug/l	99
94) Hexachlorobutadiene	15.25	225	112718	56.126	ug/l	97
95) Naphthalene	15.38	128	347405	55.363	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	166540	52.975	ug/l	99

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

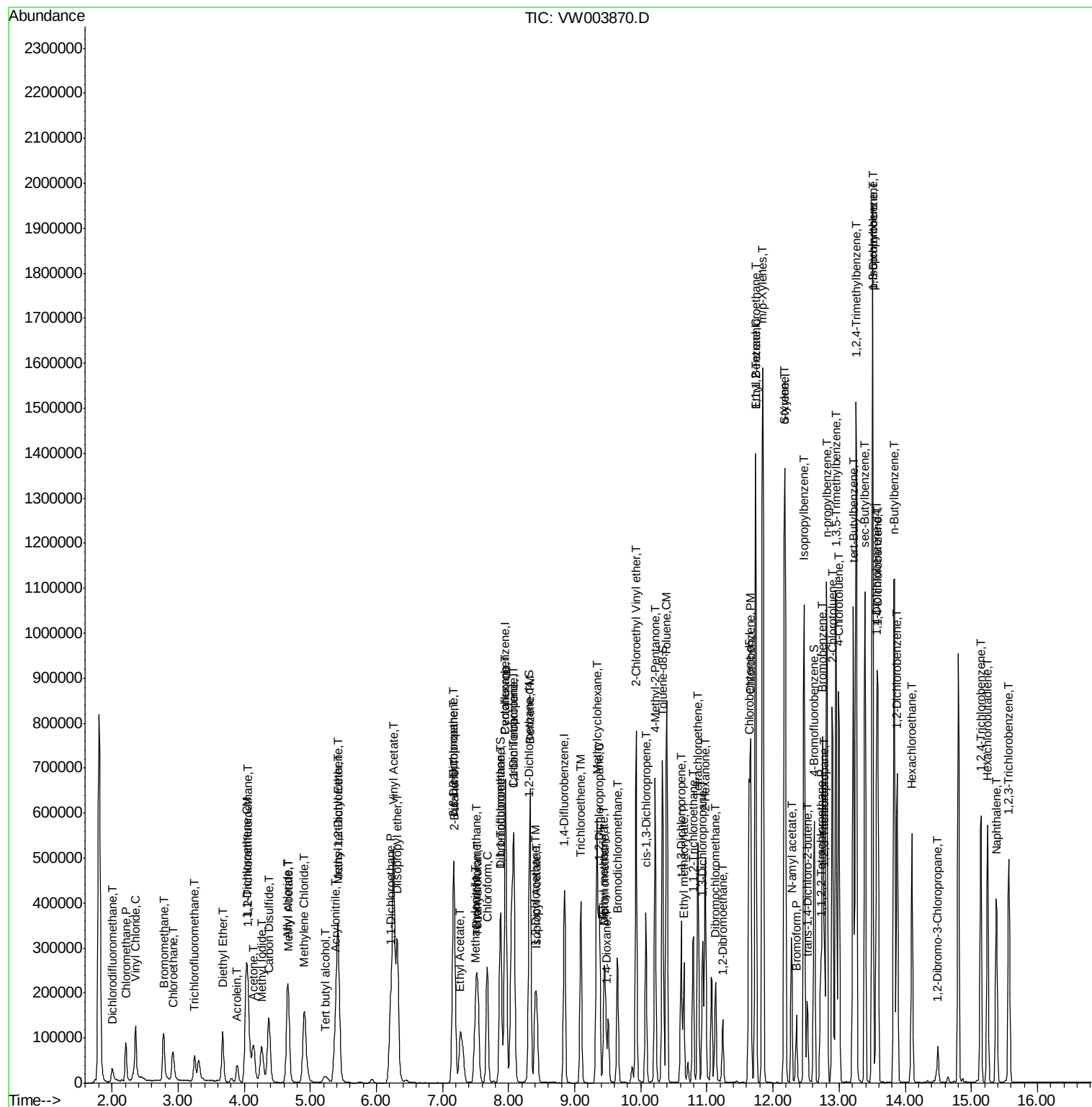
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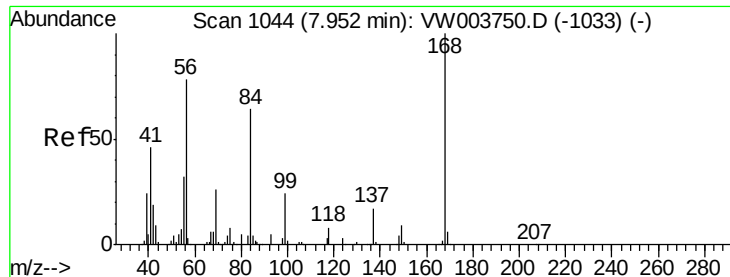
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 229696

Ion Ratio Lower Upper

168 100

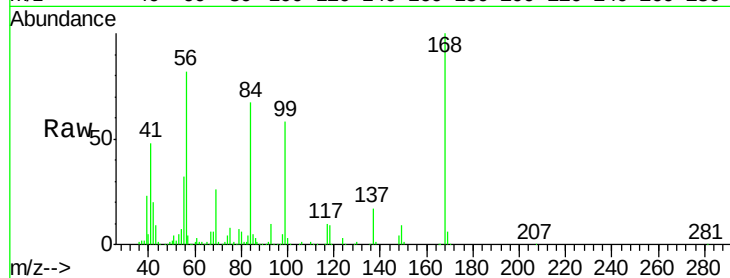
99 57.5 45.0 67.6

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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

120000

100000

80000

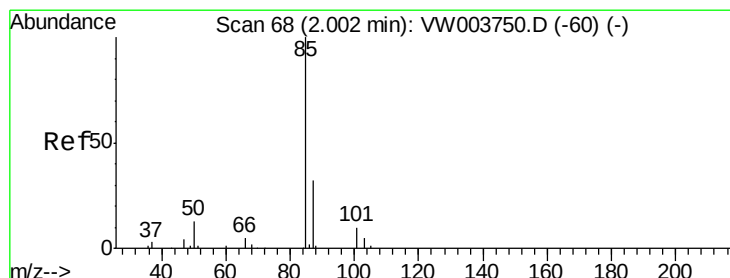
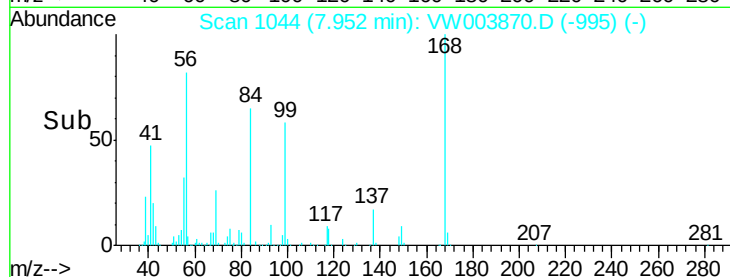
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.168 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003870.D

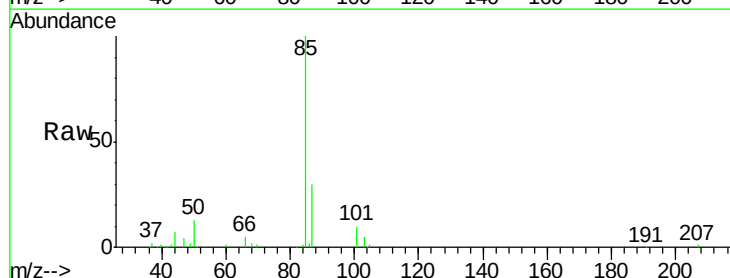
Acq: 11 Jul 2018 17:57

Tgt Ion: 85 Resp: 56043

Ion Ratio Lower Upper

85 100

87 30.5 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

20000

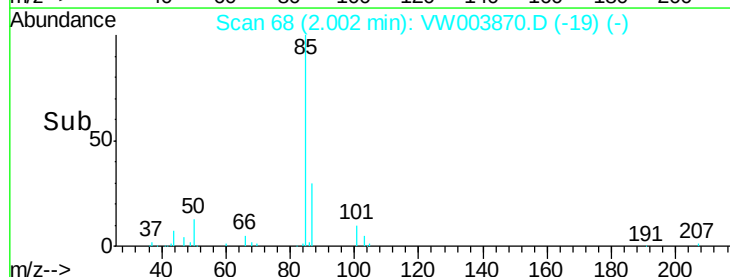
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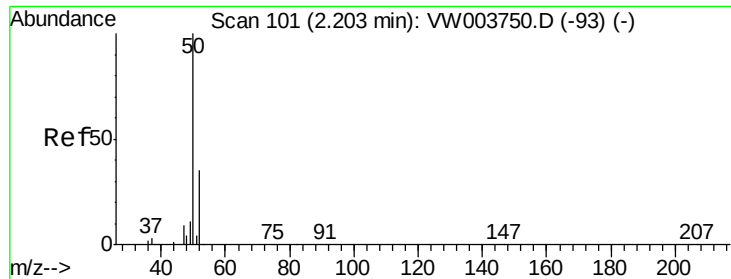
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 42.424 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 89971

Ion Ratio Lower Upper

50 100

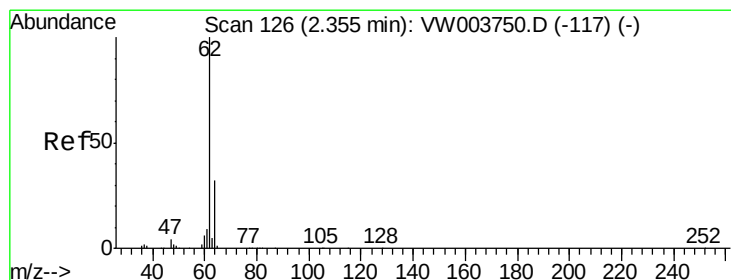
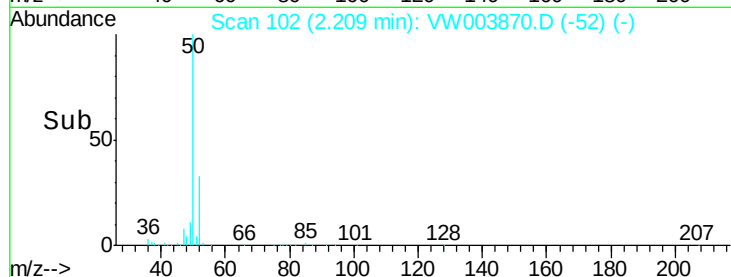
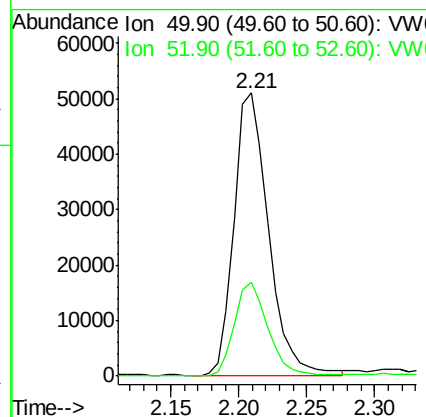
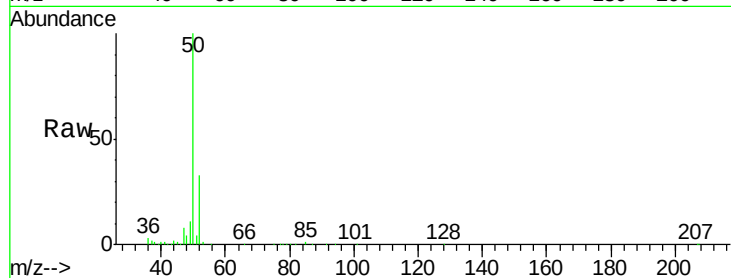
52 33.4 27.8 41.6

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#4

Vinyl Chloride

Concen: 45.729 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003870.D

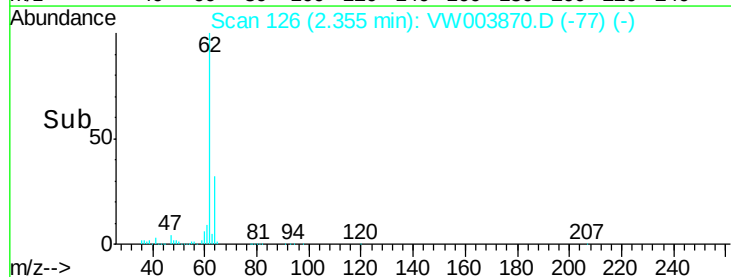
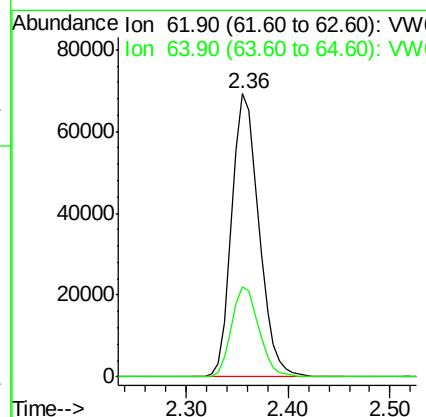
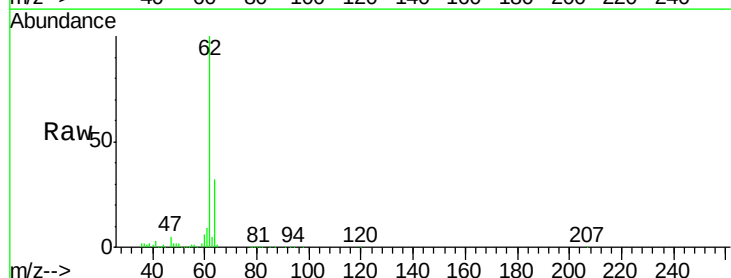
Acq: 11 Jul 2018 17:57

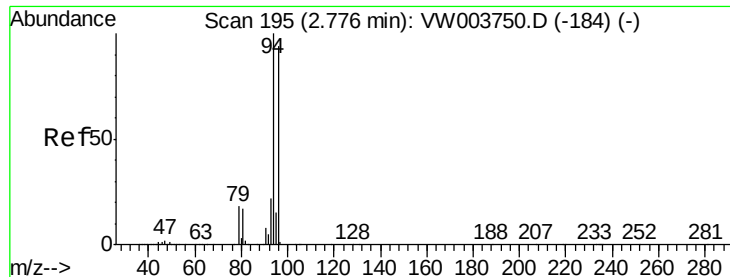
Tgt Ion: 62 Resp: 127913

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 42.138 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 83202

Ion Ratio Lower Upper

94 100

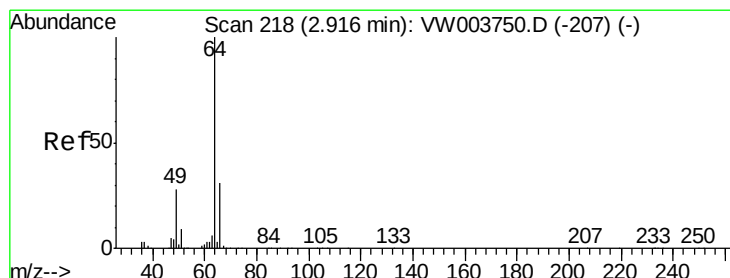
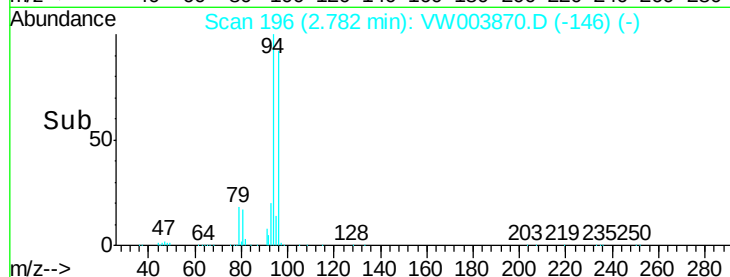
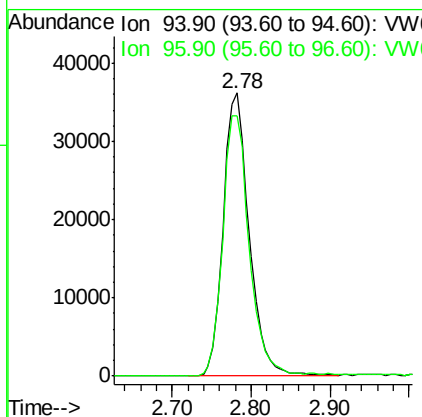
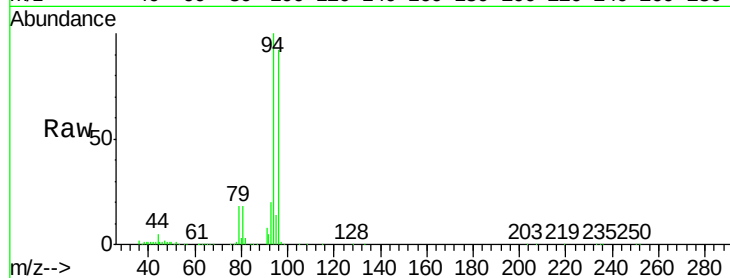
96 91.7 74.8 112.2

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#6

Chloroethane

Concen: 46.036 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003870.D

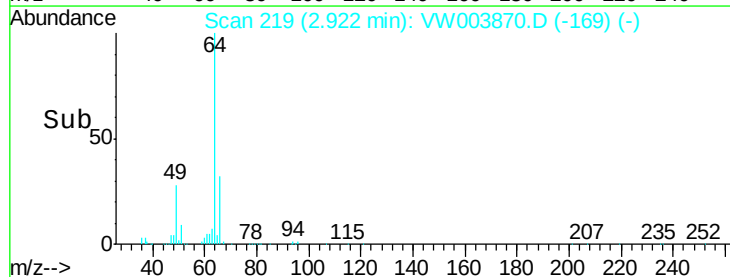
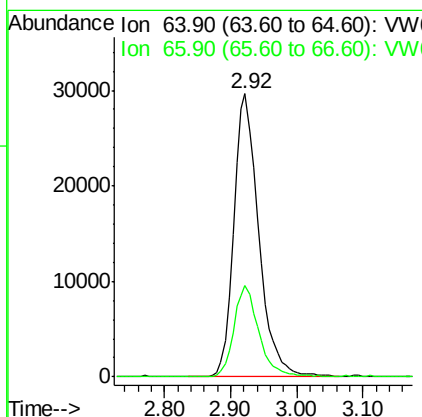
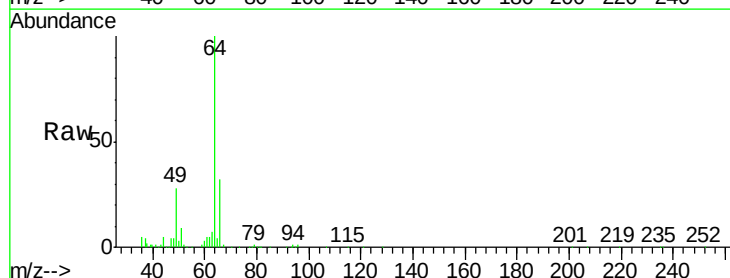
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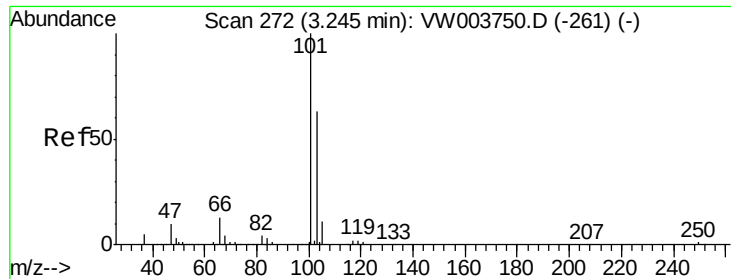
Tgt Ion: 64 Resp: 77227

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7





#7

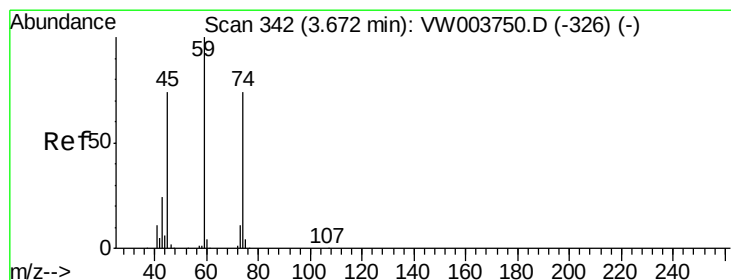
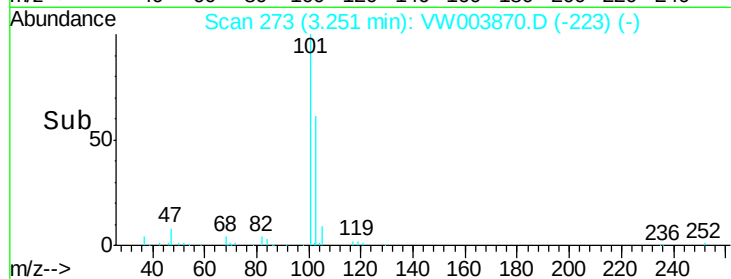
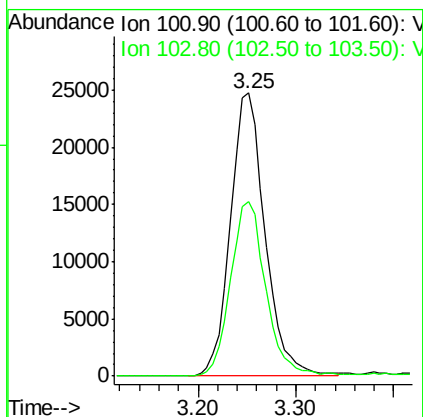
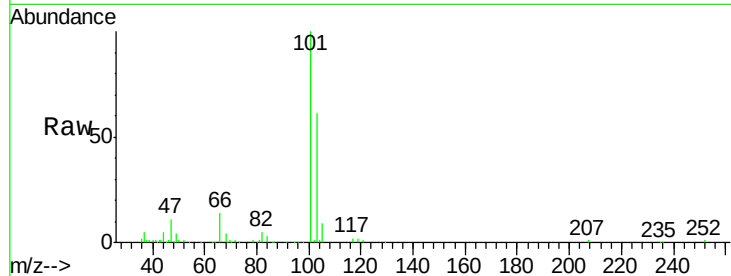
Trichlorofluoromethane
 Concen: 53.781 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		60772		
103	61.2	50.7	76.1		

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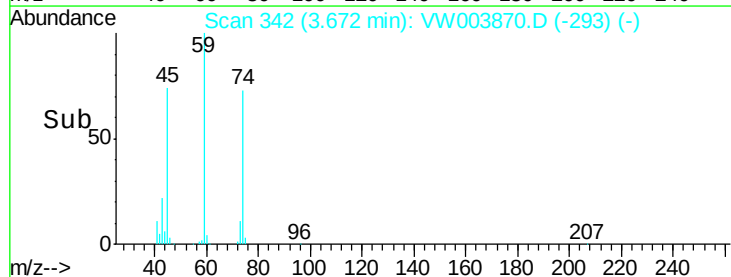
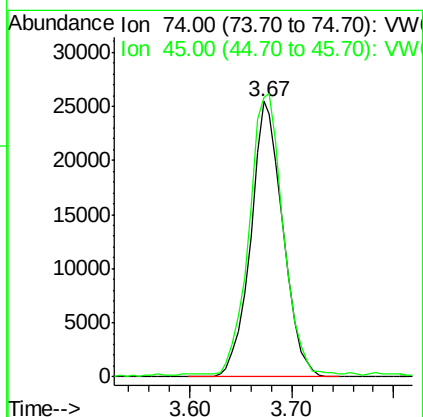
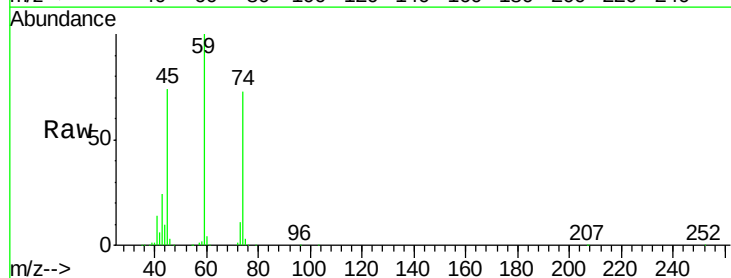
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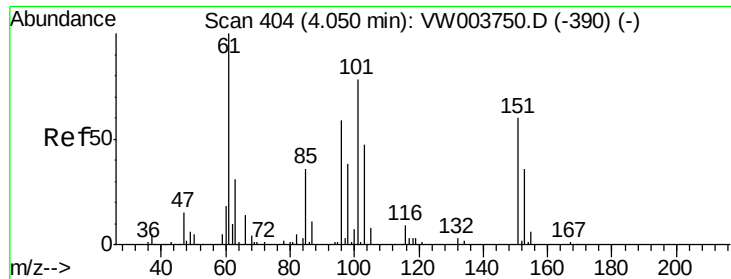


#8

Diethyl Ether
 Concen: 48.257 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003870.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		55885		
45	109.2	52.4	157.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.337 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

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MSVOA_W

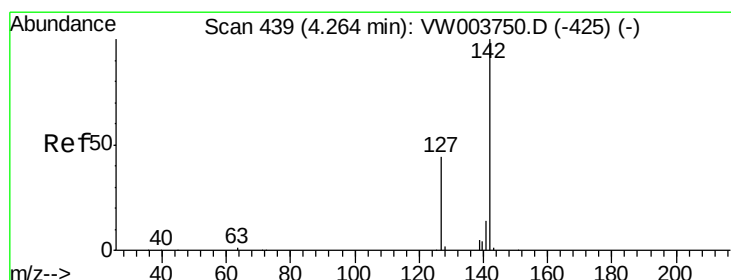
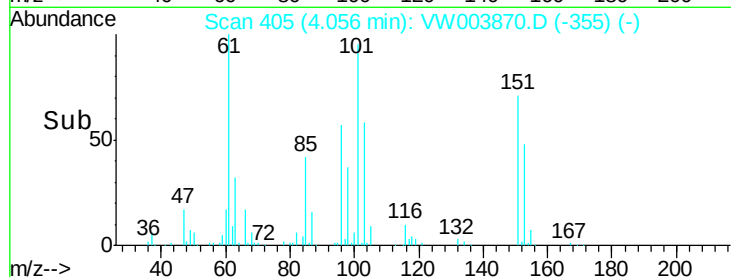
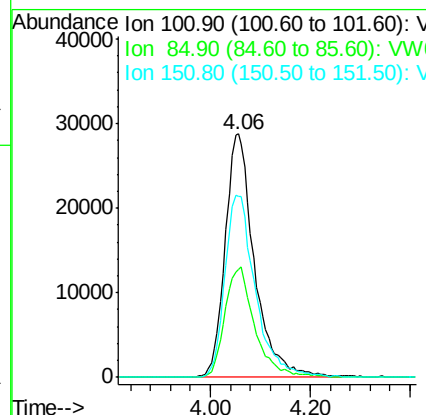
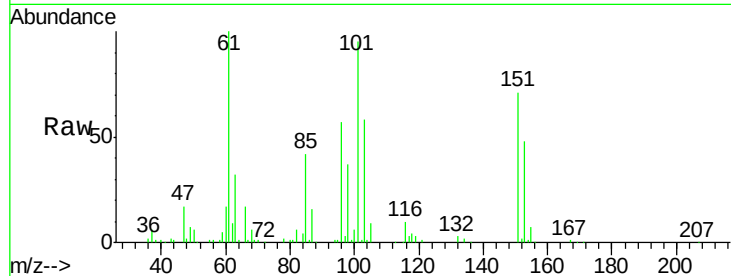
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	117212
Ion Ratio	Lower	Upper	
101	100		
85	45.8	37.1	55.7
151	77.9	62.3	93.5

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#10

Methyl Iodide

Concen: 50.810 ug/l

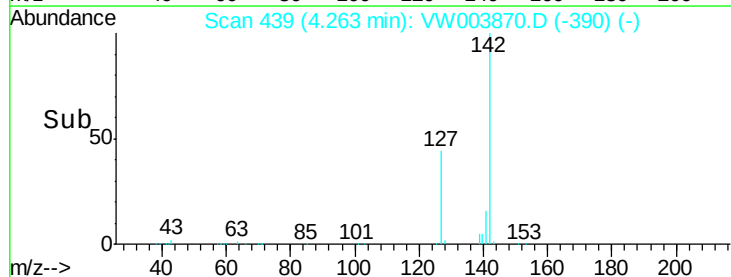
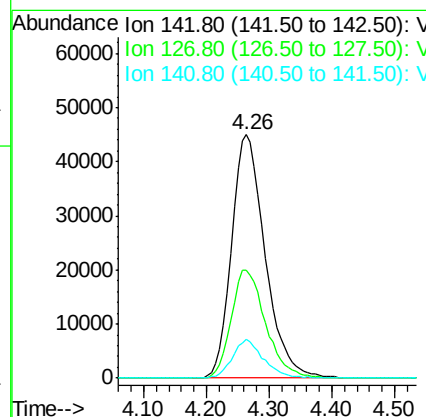
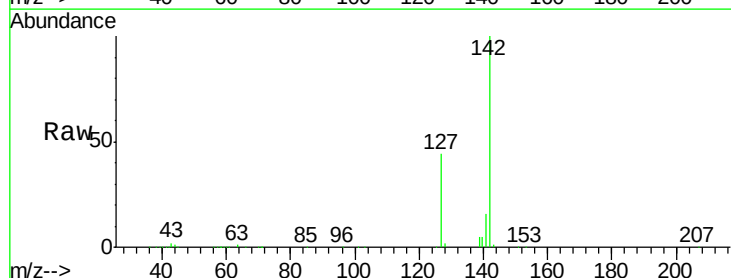
RT: 4.26 min Scan# 439

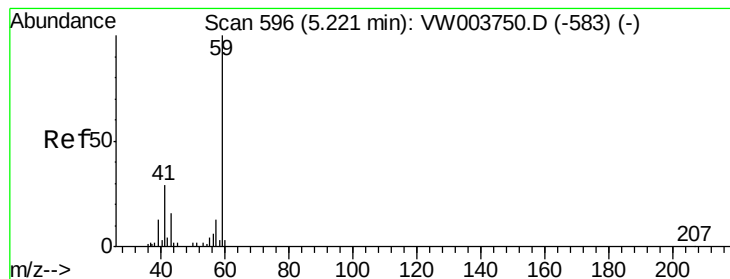
Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion:	142	Resp:	166202
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.1	54.1
141	14.8	11.6	17.4





#11

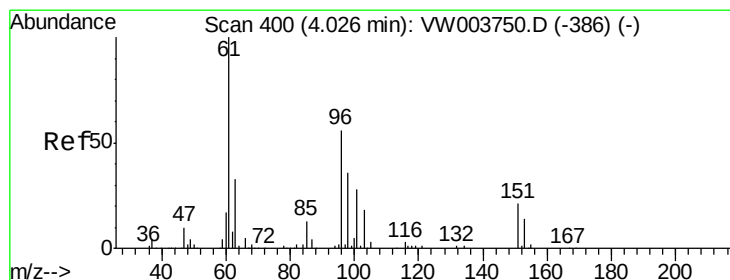
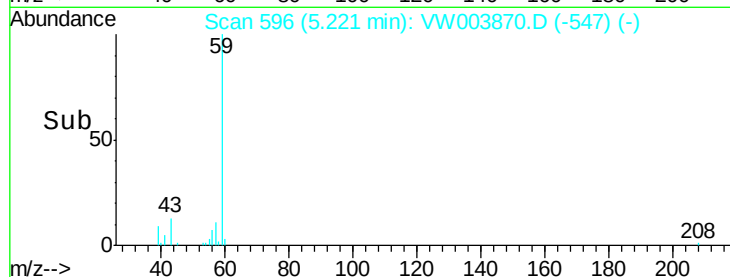
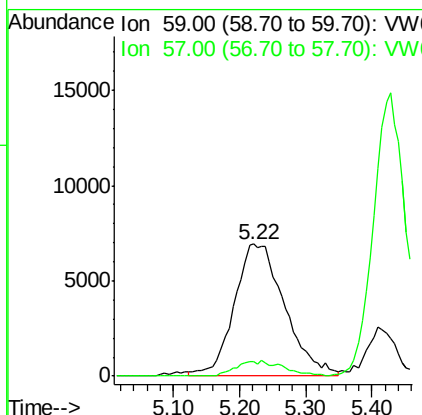
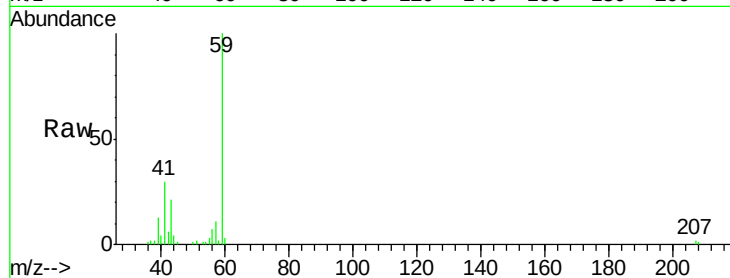
Tert butyl alcohol
Concen: 226.232 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.1	9.3	13.9#

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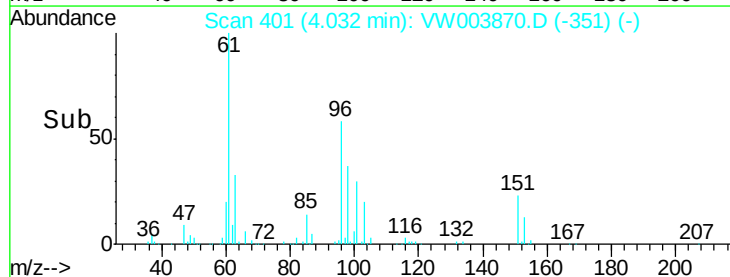
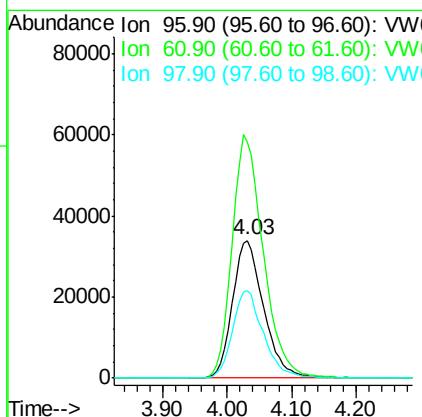
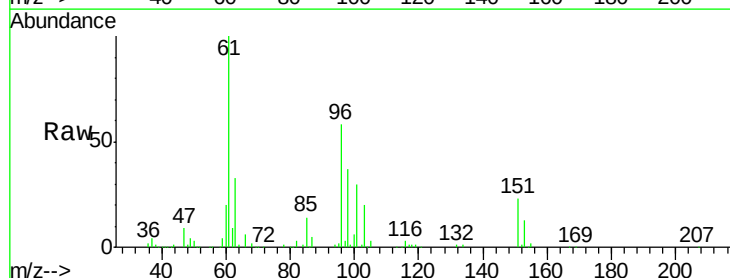
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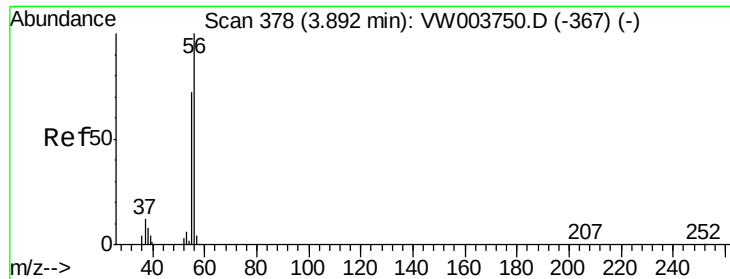


#12

1,1-Dichloroethene
Concen: 52.957 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.5	143.2	214.8
98	63.5	51.4	77.0





#13

Acrolein

Concen: 210.800 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 47199

Ion Ratio Lower Upper

56 100

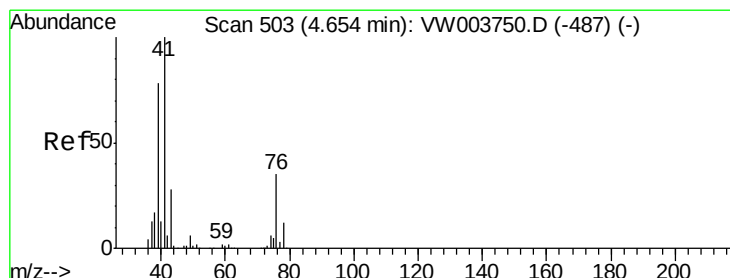
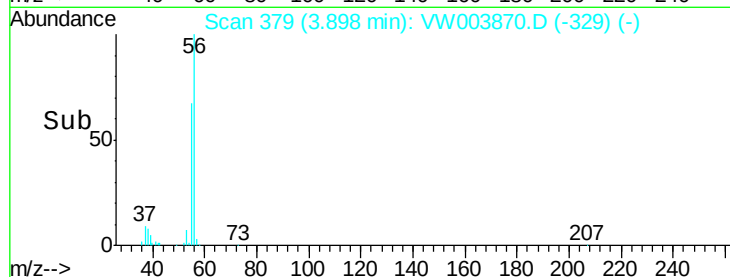
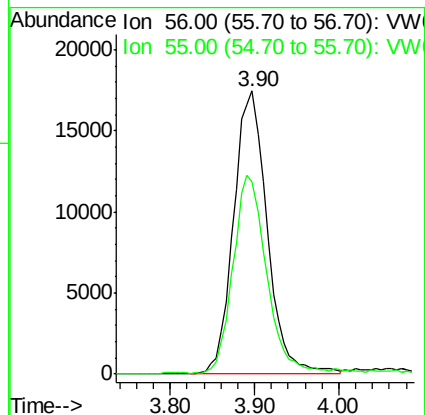
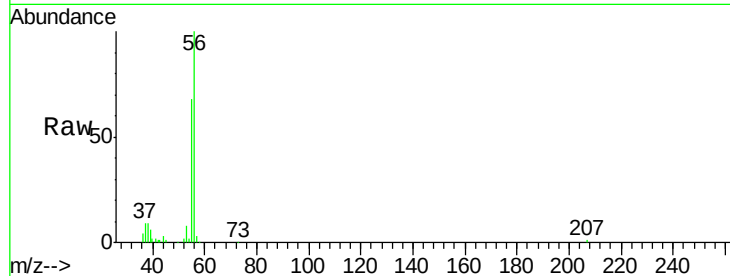
55 70.3 57.5 86.3

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#14

Allyl chloride

Concen: 54.443 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

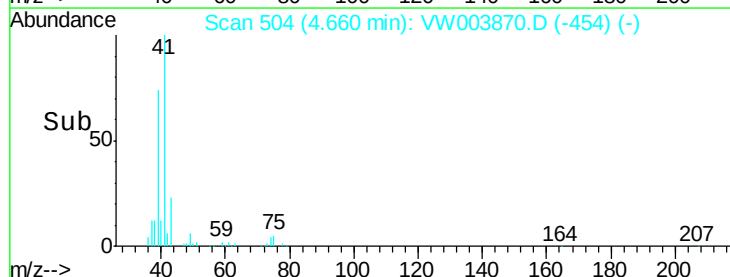
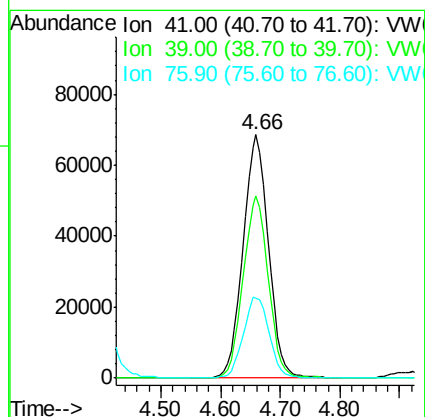
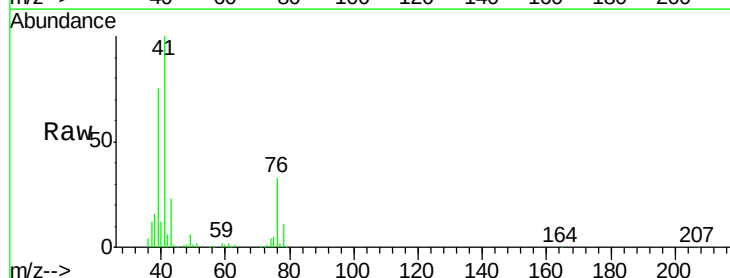
Tgt Ion: 41 Resp: 204241

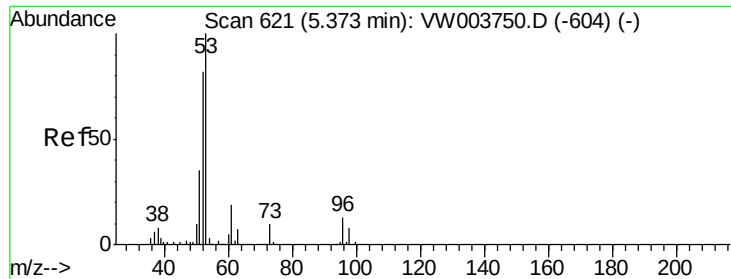
Ion Ratio Lower Upper

41 100

39 73.6 60.9 91.3

76 33.8 27.5 41.3





#15

Acrylonitrile

Concen: 242.492 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

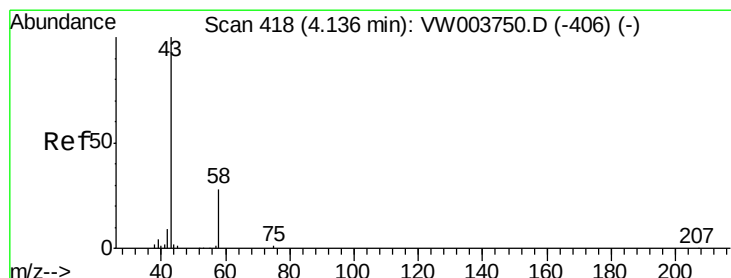
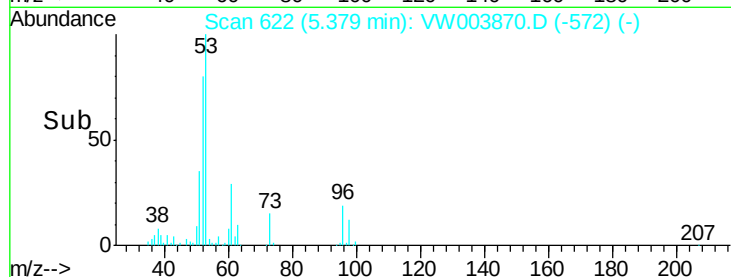
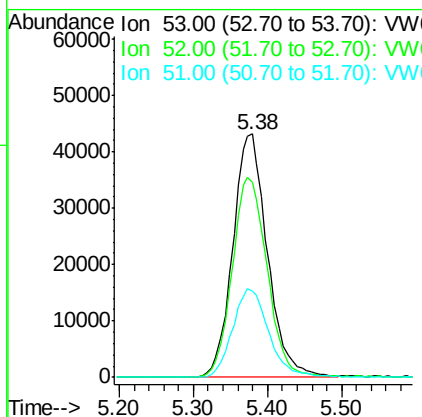
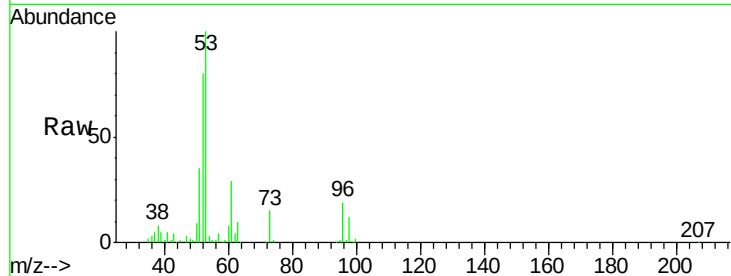
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	140628
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.2	99.2
51	38.2	30.2	45.4

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#16

Acetone

Concen: 283.799 ug/l

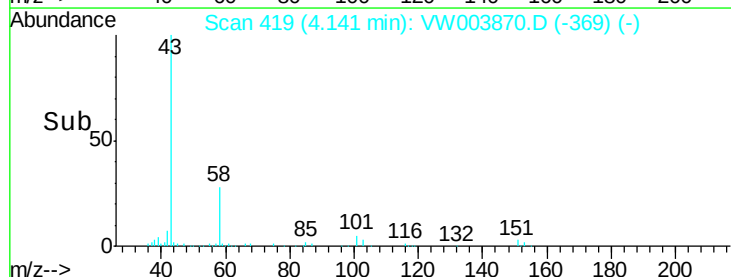
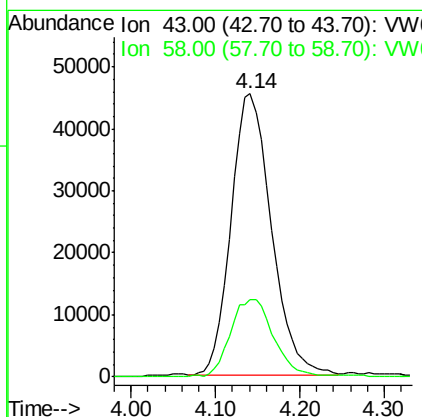
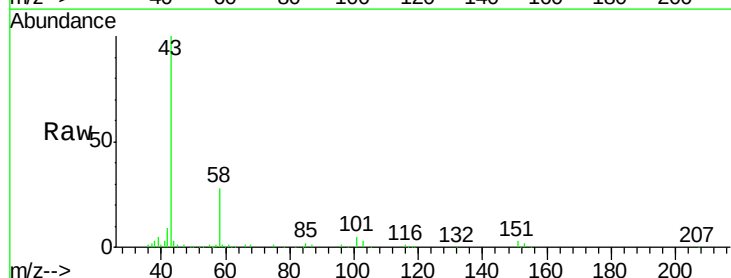
RT: 4.14 min Scan# 419

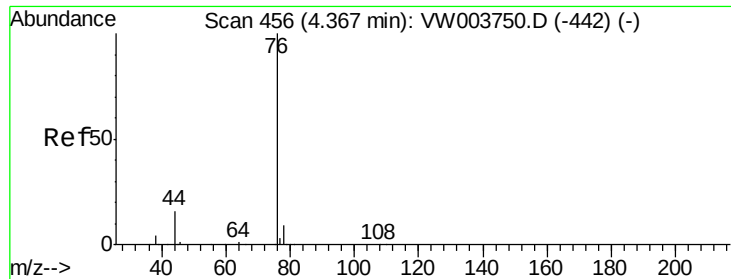
Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion:	43	Resp:	147901
Ion Ratio		Lower	Upper
43	100		
58	27.3	22.6	34.0





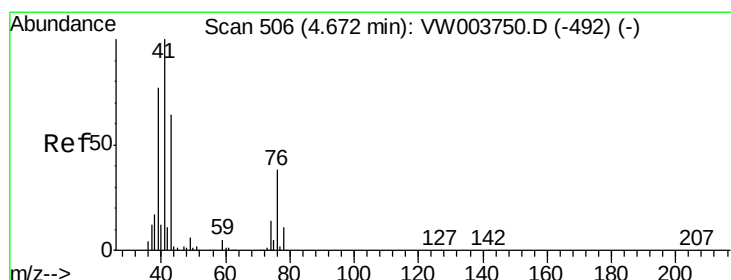
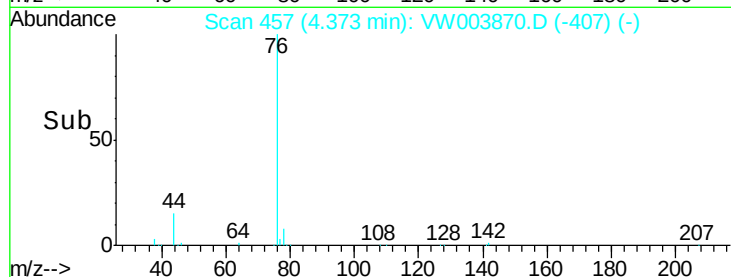
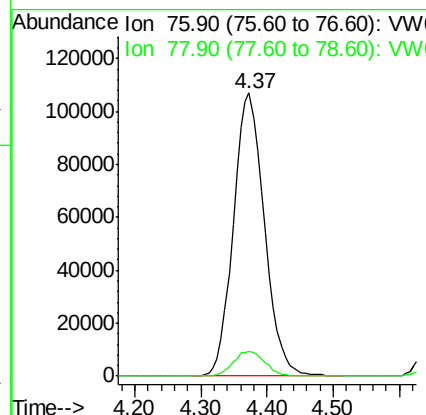
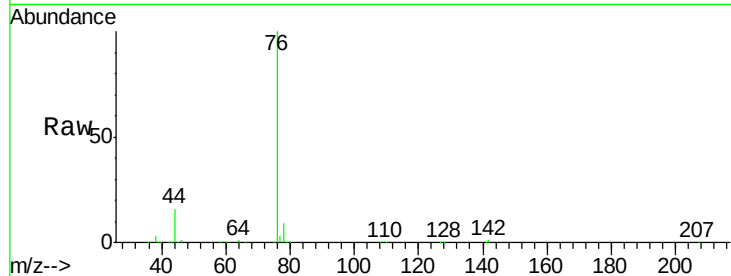
#17
Carbon Disulfide
Concen: 49.092 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

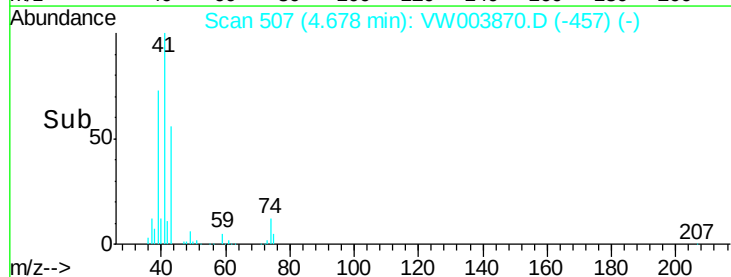
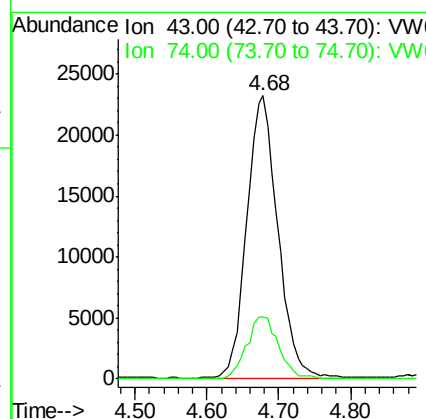
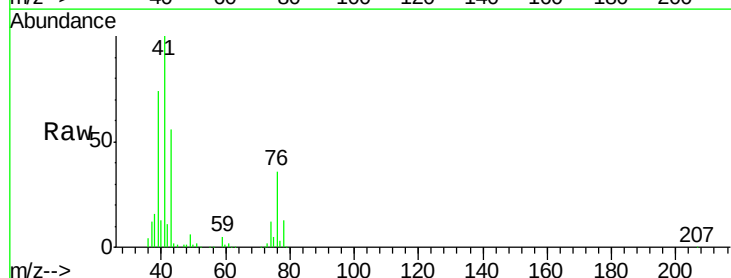
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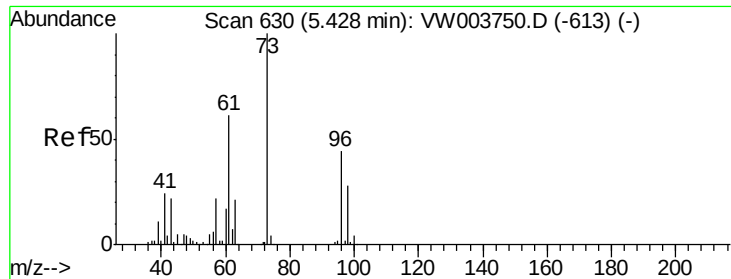
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#18
Methyl Acetate
Concen: 47.003 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.3	25.9





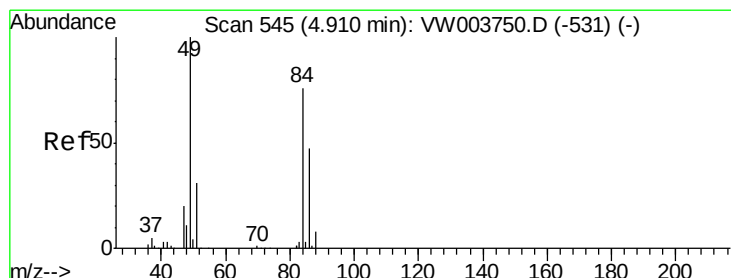
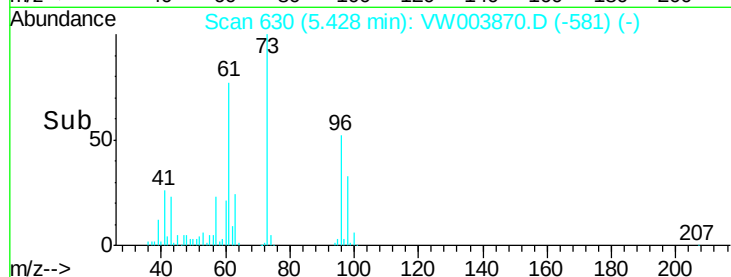
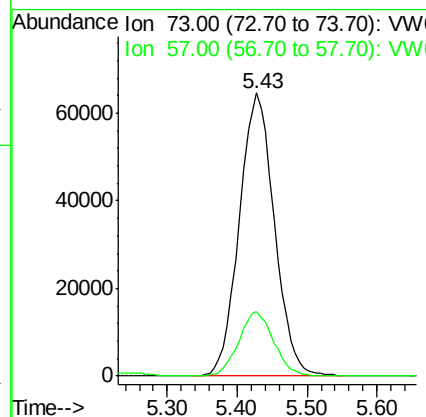
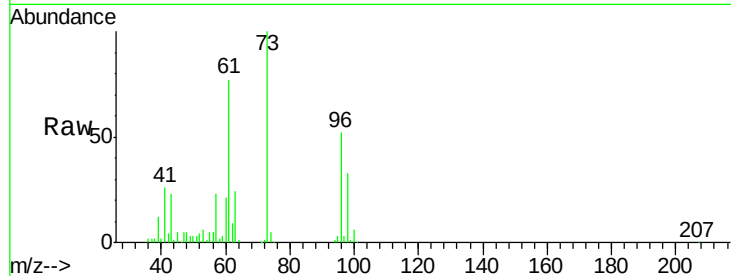
#19
Methyl tert-butyl Ether
Concen: 50.488 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 225113
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9

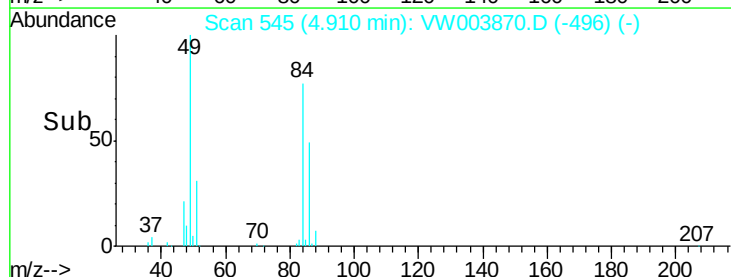
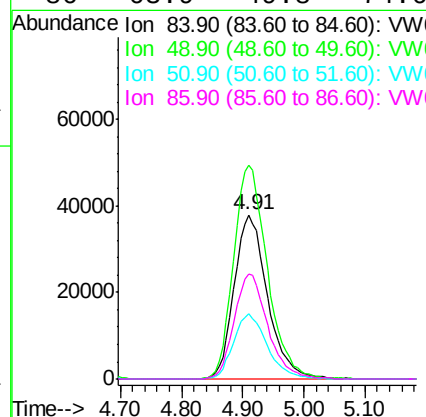
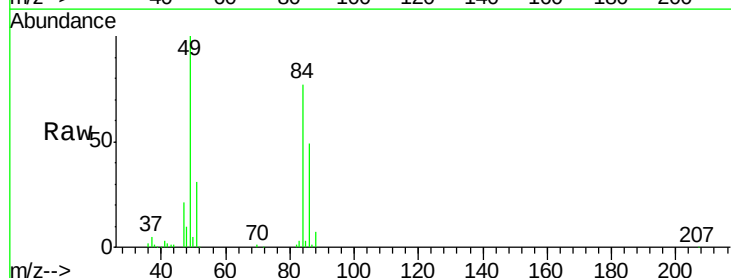
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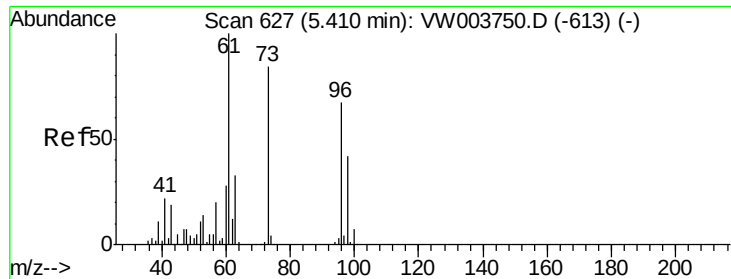
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#20
Methylene Chloride
Concen: 56.765 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 84 Resp: 142663
Ion Ratio Lower Upper
84 100
49 129.9 105.1 157.7
51 39.8 32.5 48.7
86 63.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 49.054 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 125308

Ion Ratio Lower Upper

96 100

61 150.1 119.0 178.6

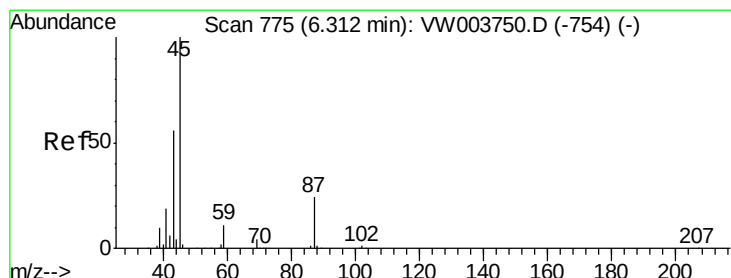
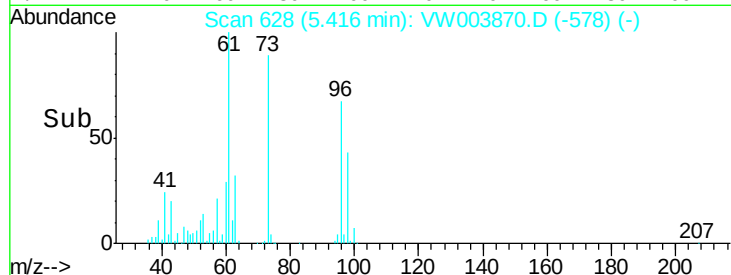
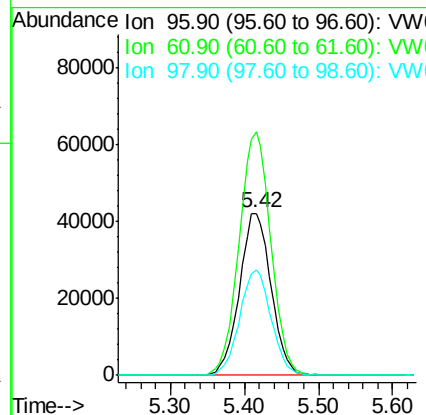
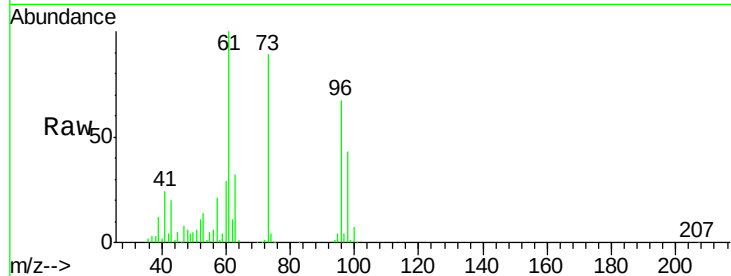
98 64.9 49.8 74.8

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#22

Diisopropyl ether

Concen: 50.212 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion: 45 Resp: 414116

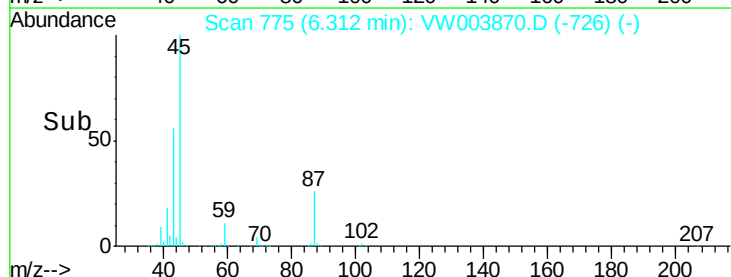
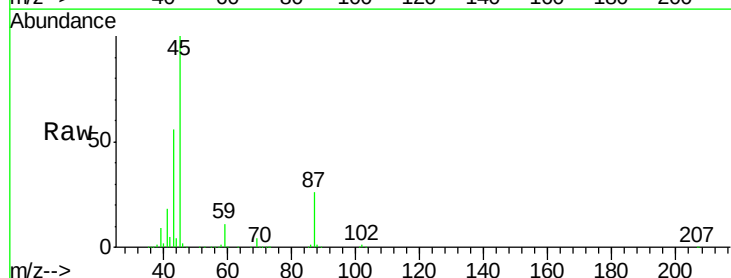
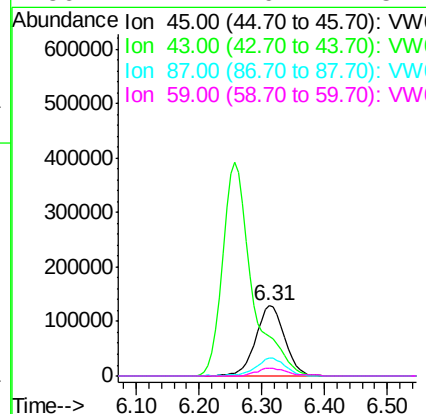
Ion Ratio Lower Upper

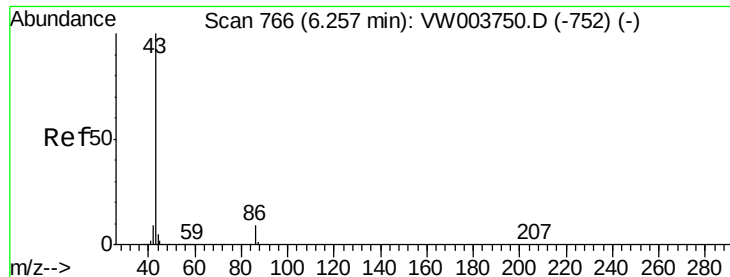
45 100

43 56.0 44.5 66.7

87 25.7 19.6 29.4

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 252.529 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1271378

Ion Ratio Lower Upper

43 100

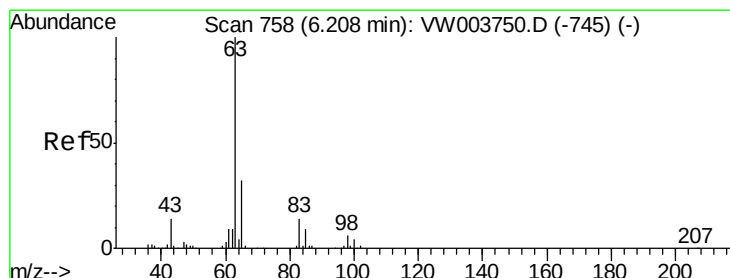
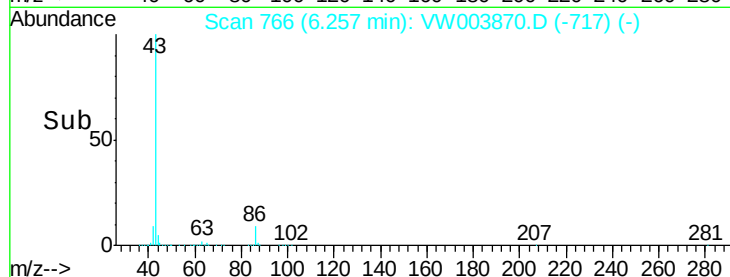
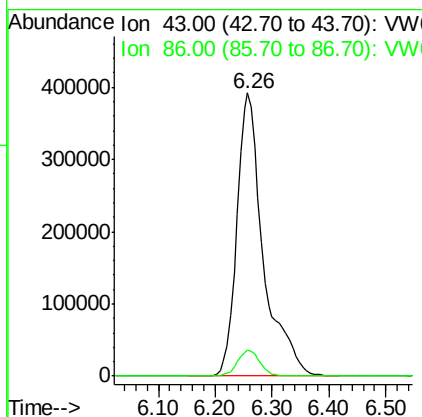
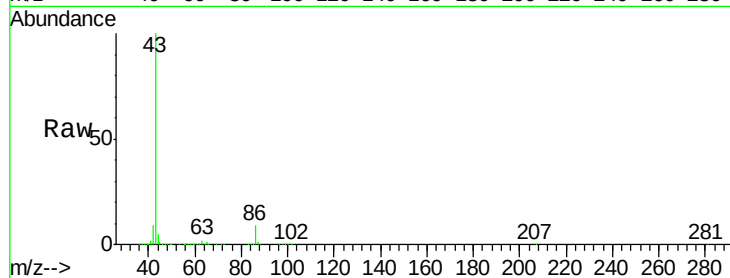
86 9.1 7.3 10.9

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#24

1,1-Dichloroethane

Concen: 48.488 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

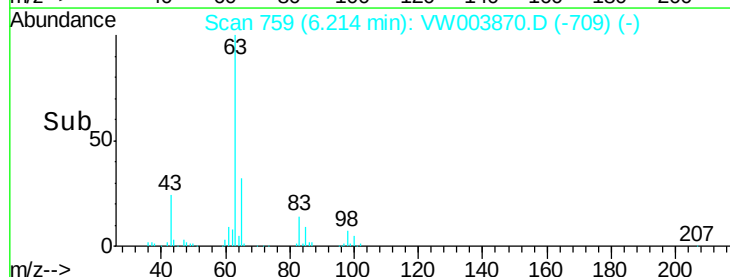
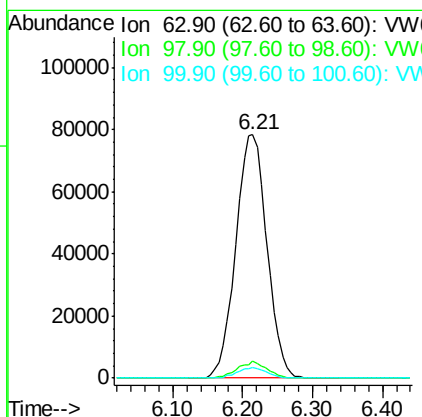
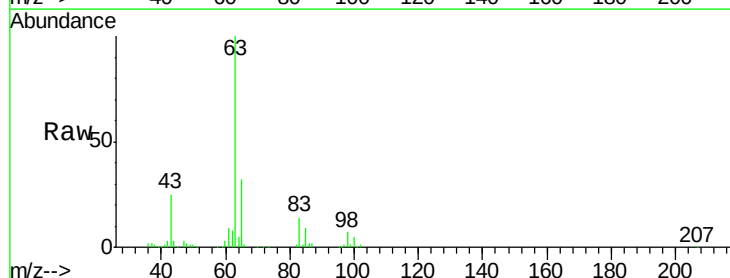
Tgt Ion: 63 Resp: 241864

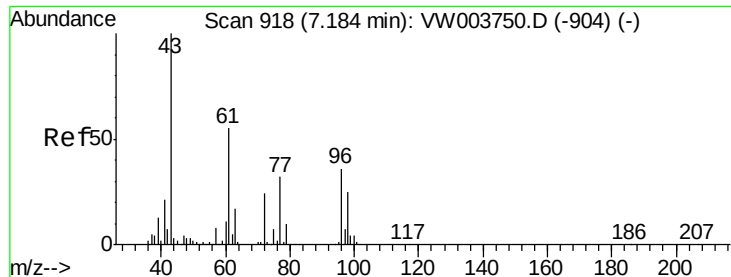
Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 243.773 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 198982

Ion Ratio Lower Upper

43 100

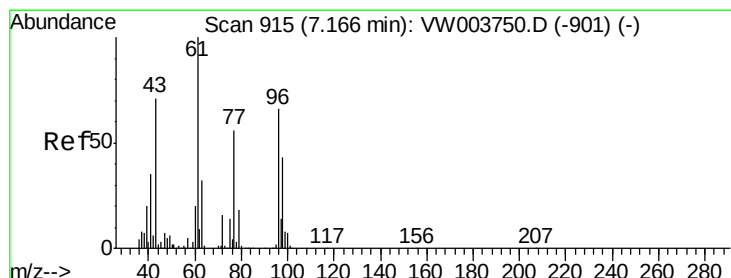
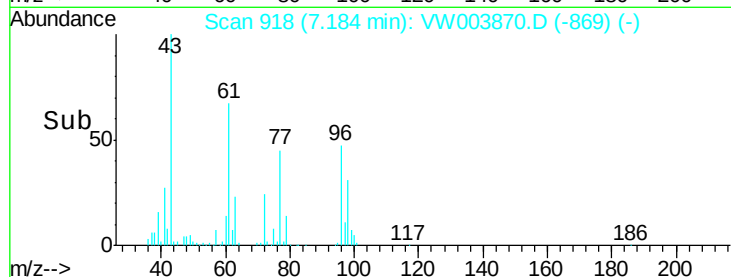
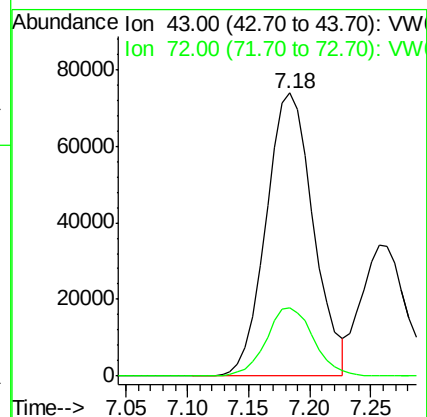
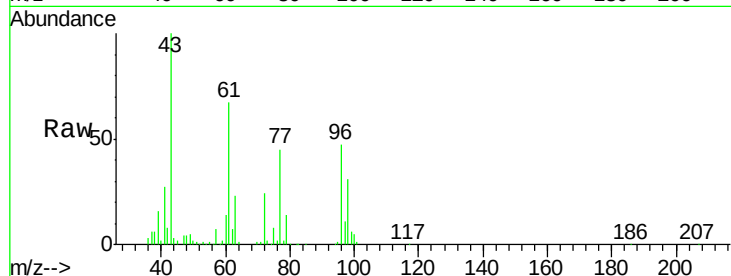
72 24.3 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 53.314 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003870.D

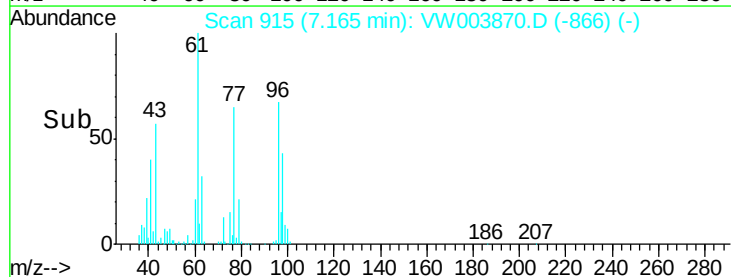
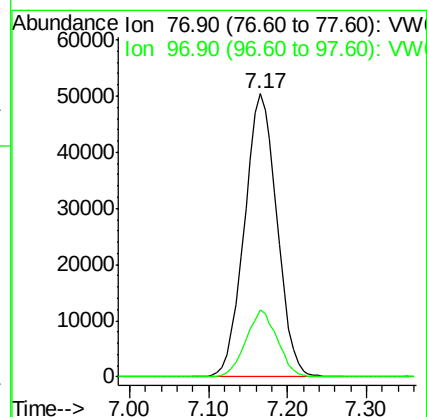
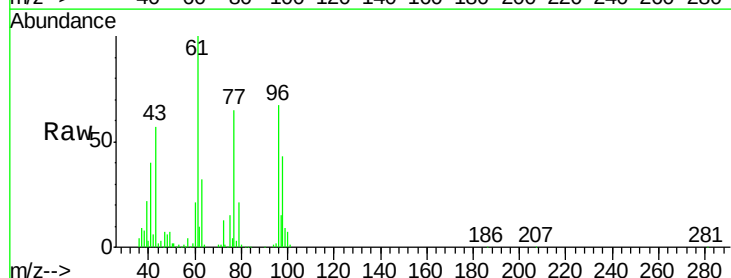
Acq: 11 Jul 2018 17:57

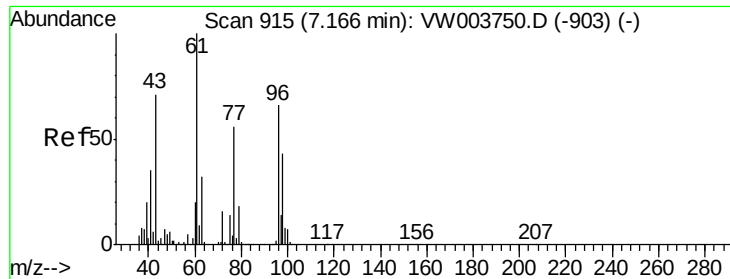
Tgt Ion: 77 Resp: 144243

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5





#27

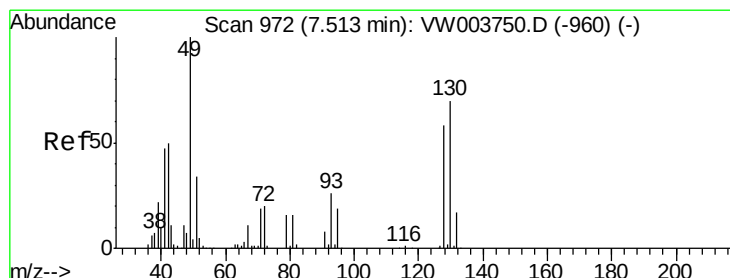
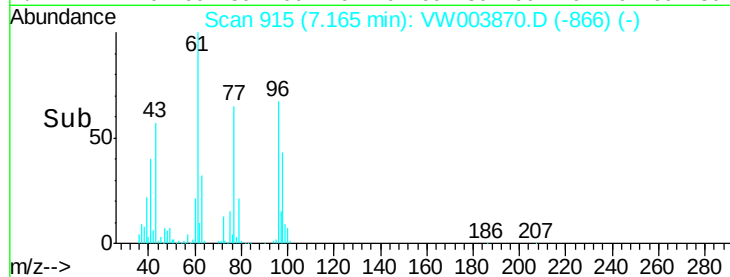
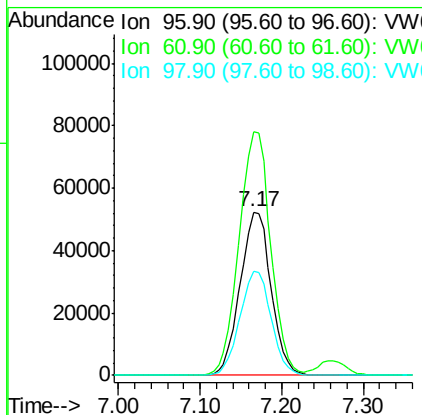
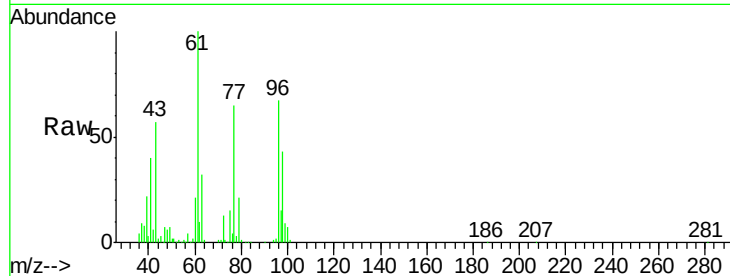
cis-1,2-Dichloroethene
 Concen: 48.846 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	300.8
98	64.3	0.0	128.6

Manual Integrations
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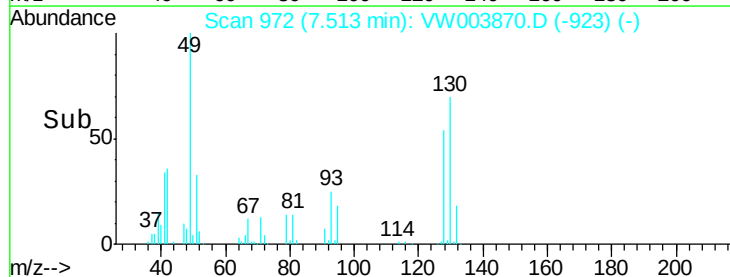
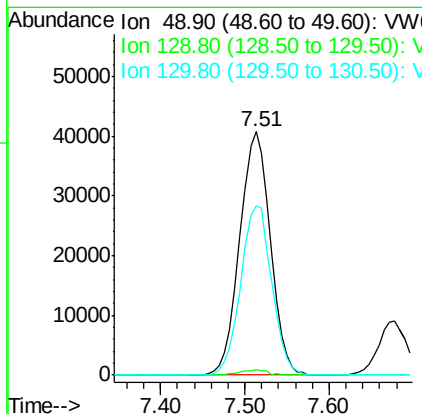
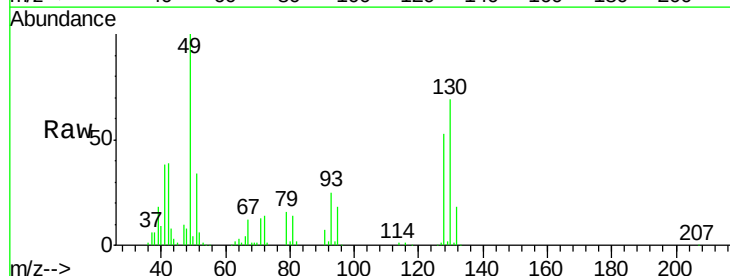
apatel
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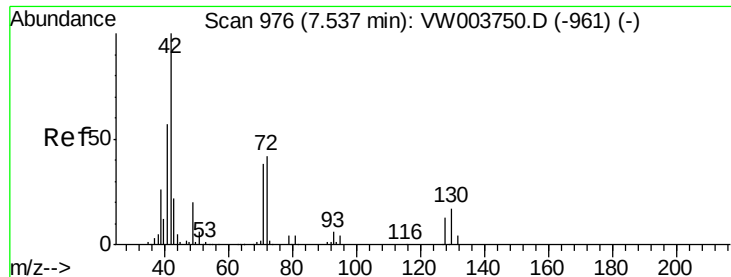


#28

Bromochloromethane
 Concen: 45.070 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	70.3	56.9	85.3





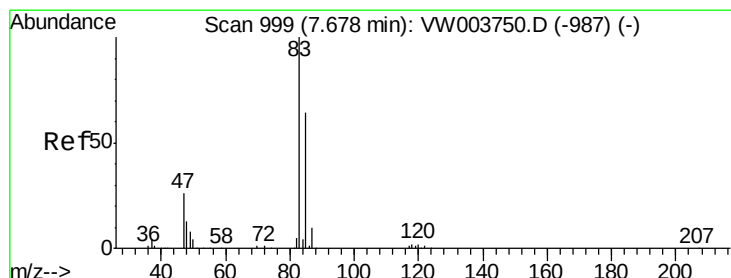
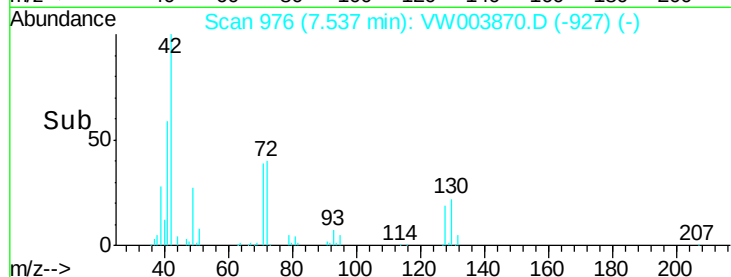
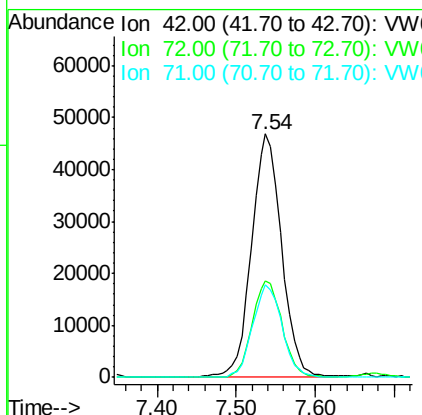
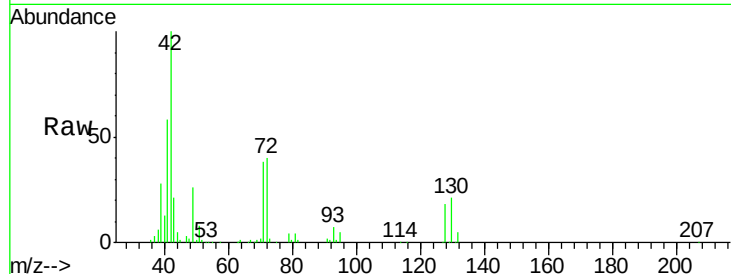
#29
Tetrahydrofuran
Concen: 235.402 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	123521
Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.8	47.8
71	37.5	30.3	45.5

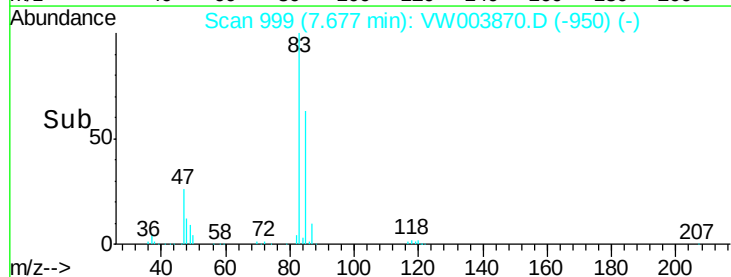
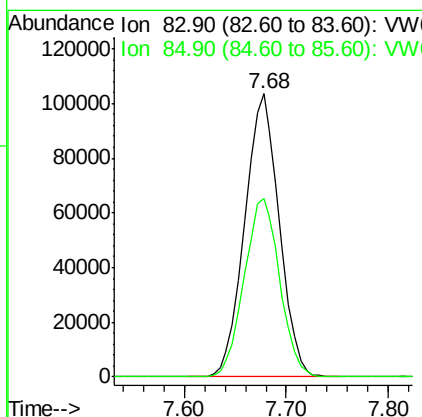
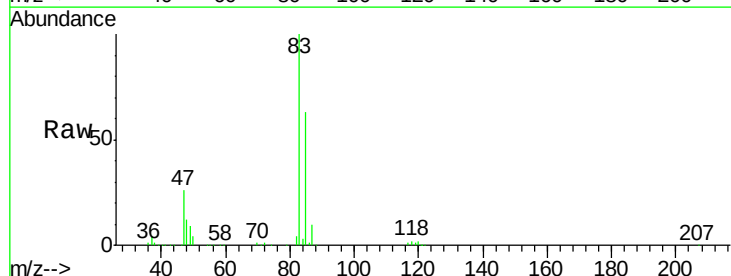
Manual Integrations
APPROVED

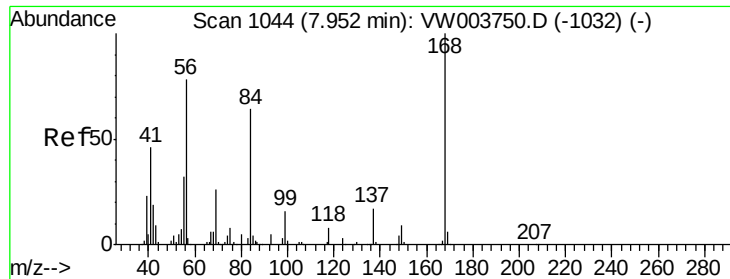
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#30
Chloroform
Concen: 47.859 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion:	83	Resp:	243527
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3





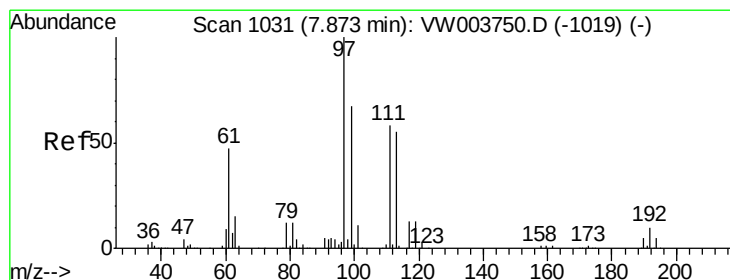
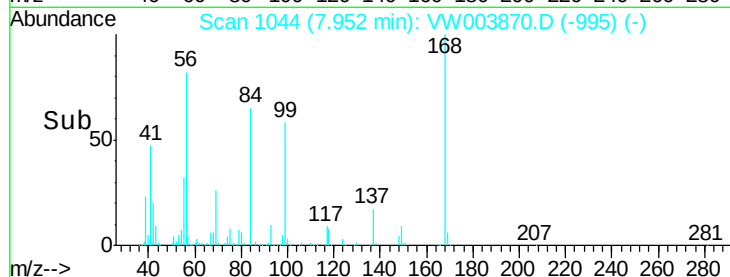
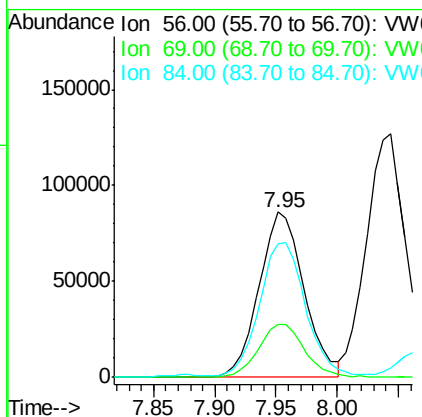
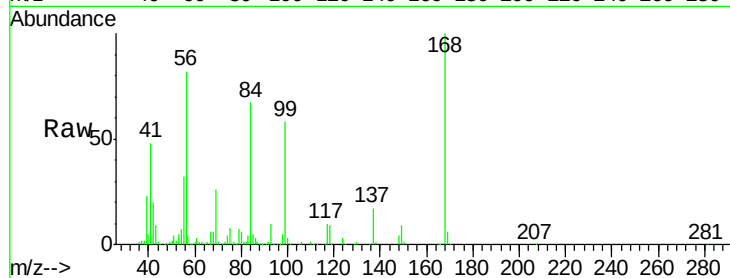
#31
Cyclohexane
Concen: 50.420 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.2	39.4
84	79.3	65.5	98.3

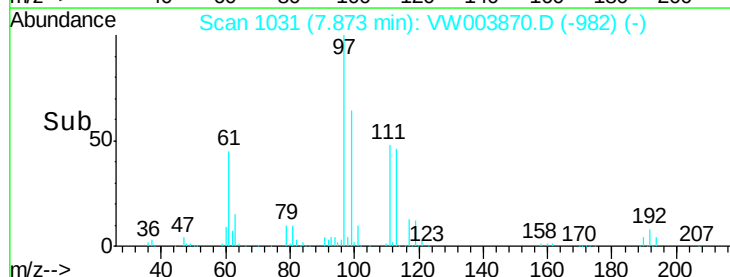
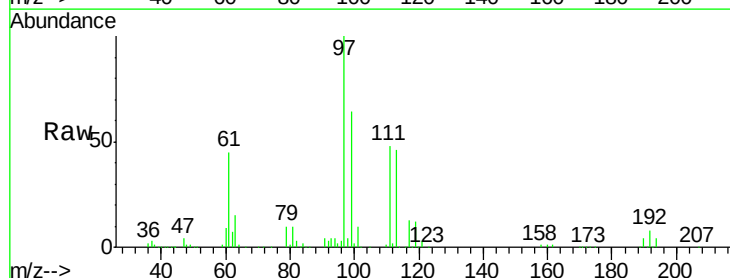
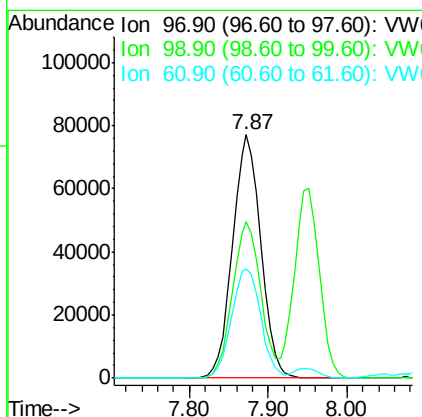
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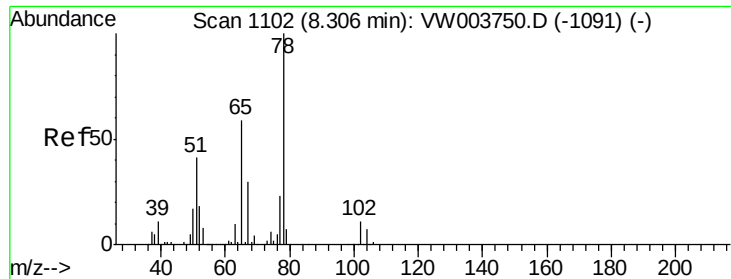
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#32
1,1,1-Trichloroethane
Concen: 49.555 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.2	76.8
61	46.6	37.6	56.4





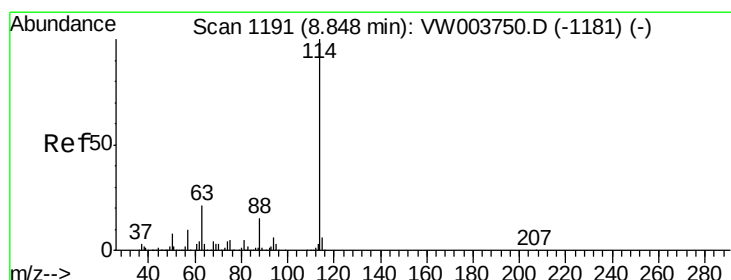
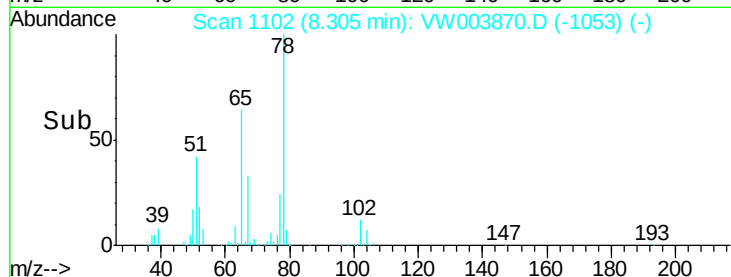
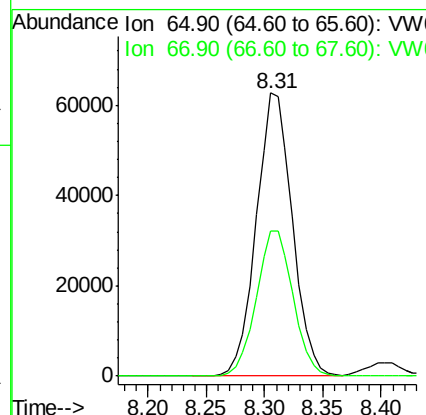
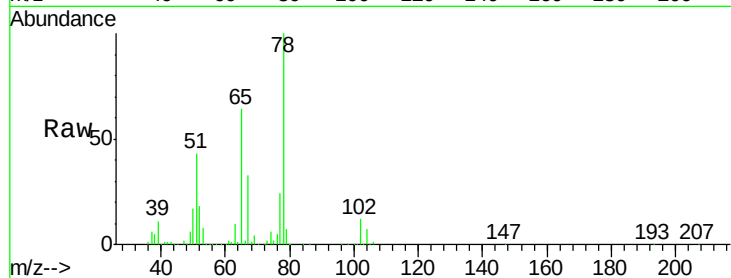
#33
 1,2-Dichloroethane-d4
 Concen: 45.068 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135374		
67	52.3	0.0	103.8	

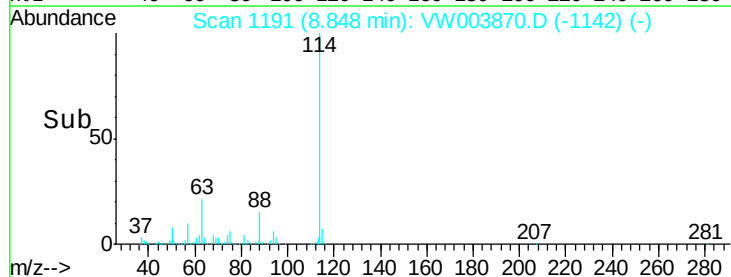
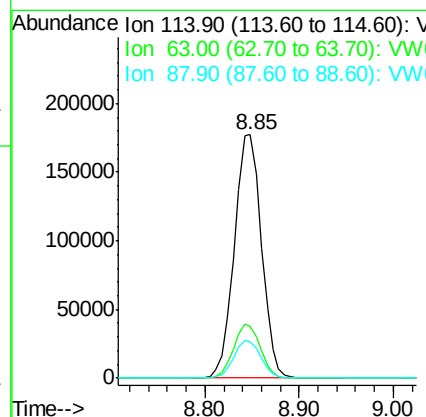
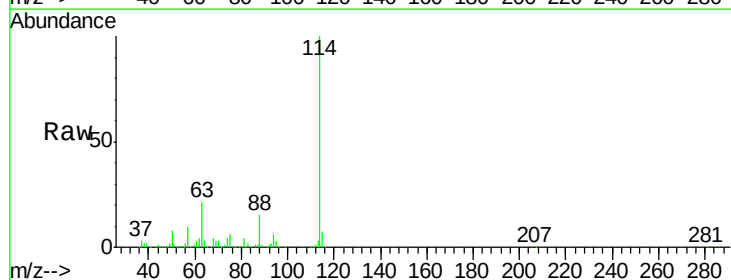
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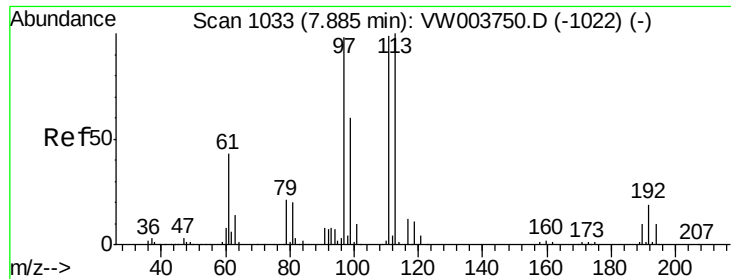
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	353690		
63	21.3	0.0	41.8	
88	15.0	0.0	30.2	





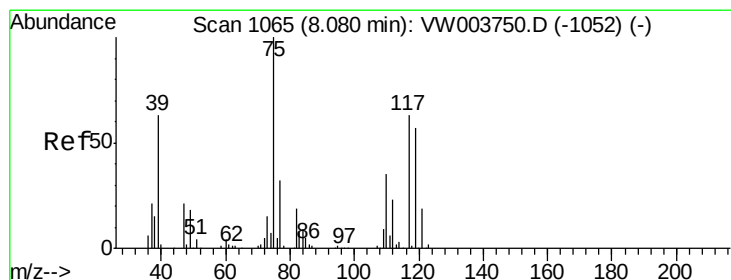
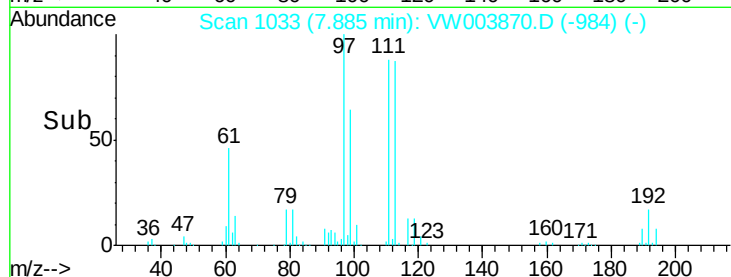
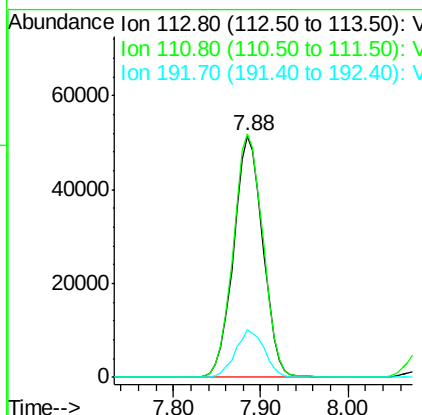
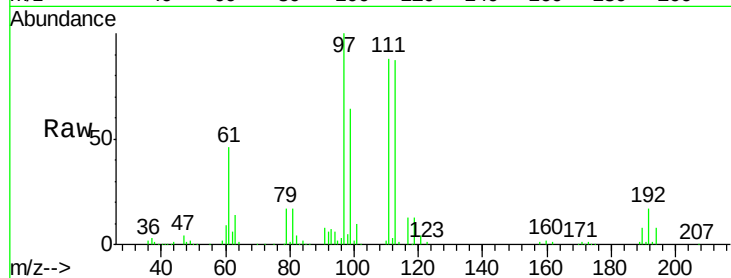
#35
 Dibromofluoromethane
 Concen: 48.238 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	19.5	15.8	23.8

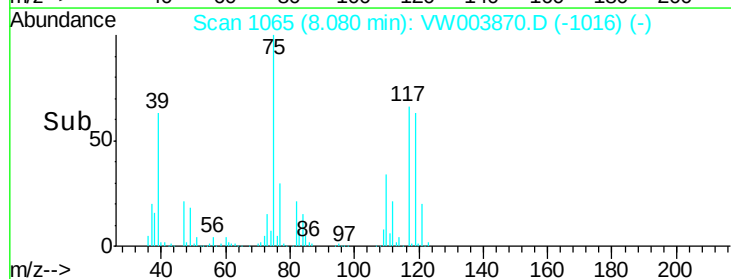
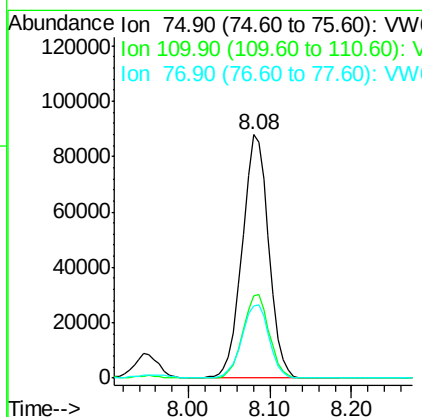
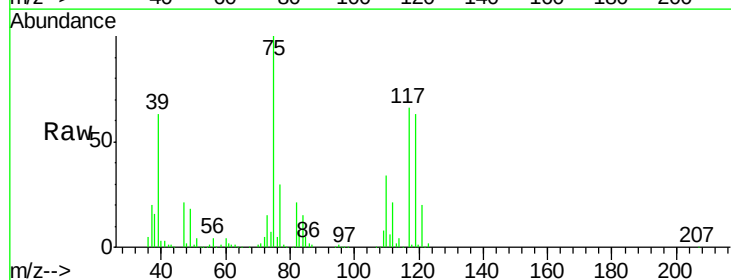
Manual Integrations
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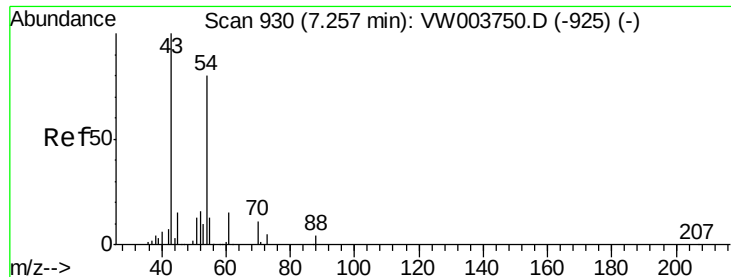
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#36
 1,1-Dichloropropene
 Concen: 52.809 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.6
77	31.1	24.8	37.2





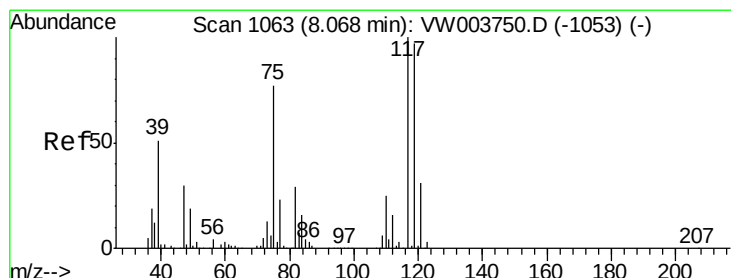
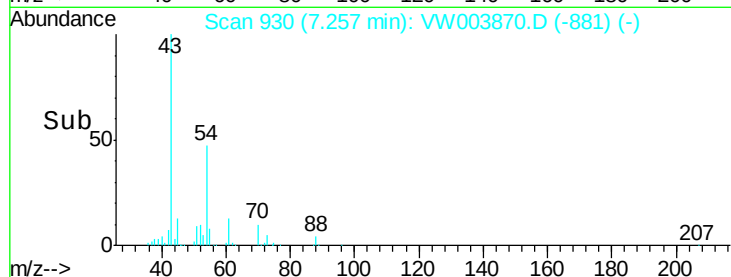
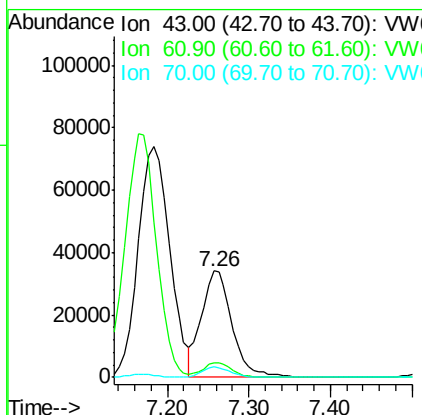
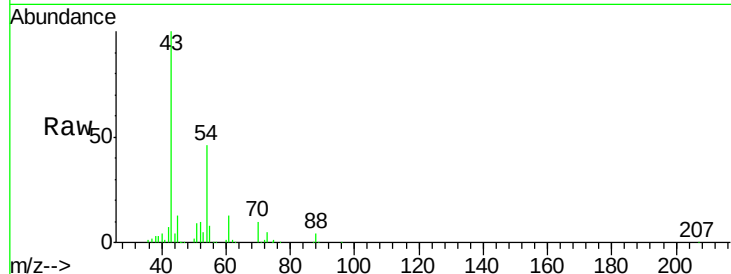
#37
Ethyl Acetate
Concen: 48.487 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	9.2	7.5	11.3

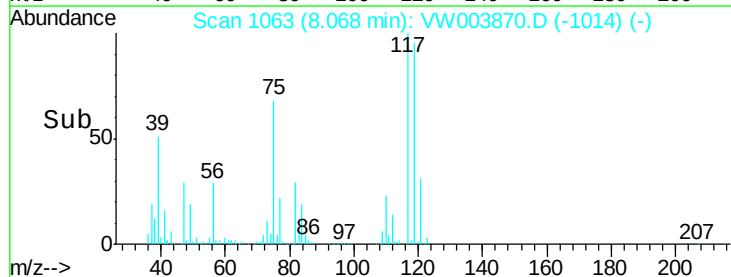
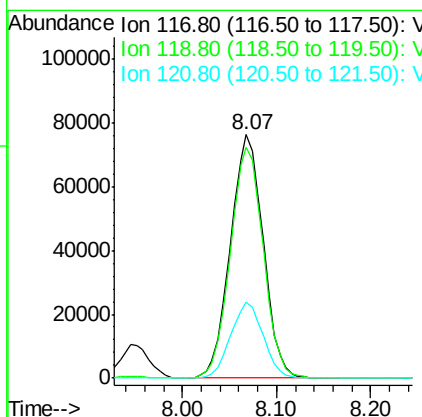
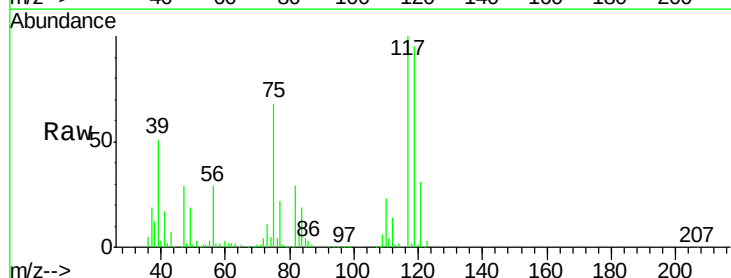
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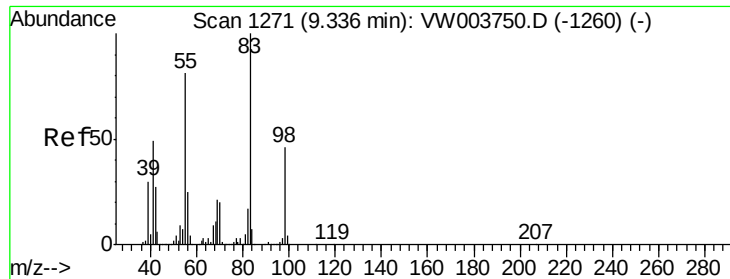
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#38
Carbon Tetrachloride
Concen: 51.939 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.2
121	31.3	24.6	37.0





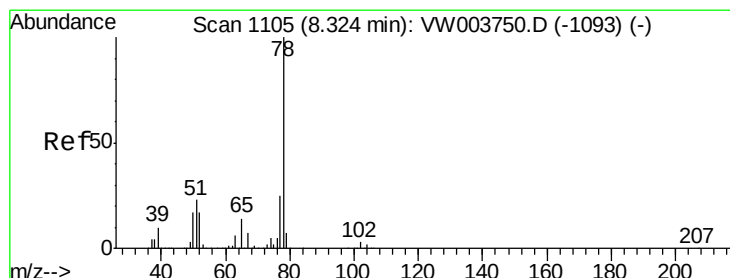
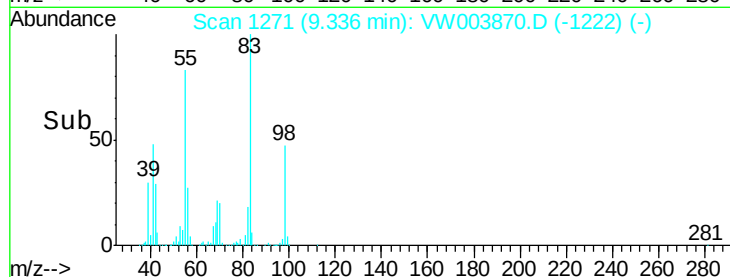
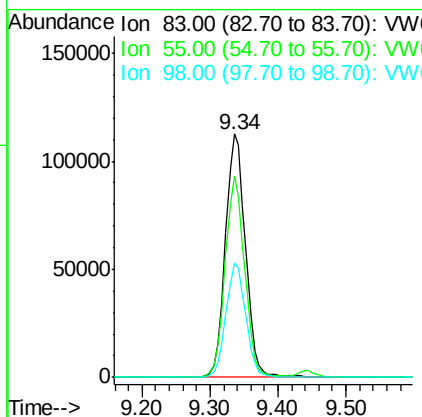
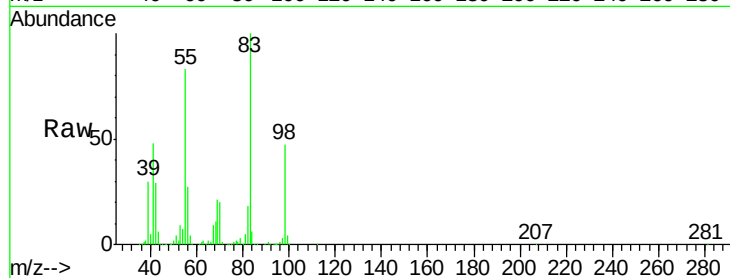
#39
Methylvlcyclohexane
Concen: 56.252 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	65.1	97.7
98	46.9	36.7	55.1

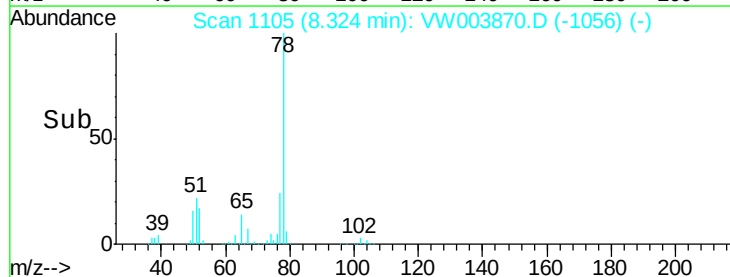
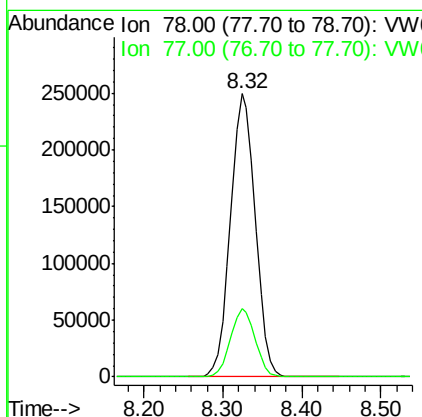
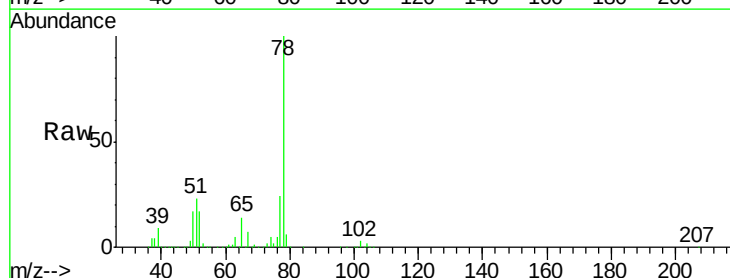
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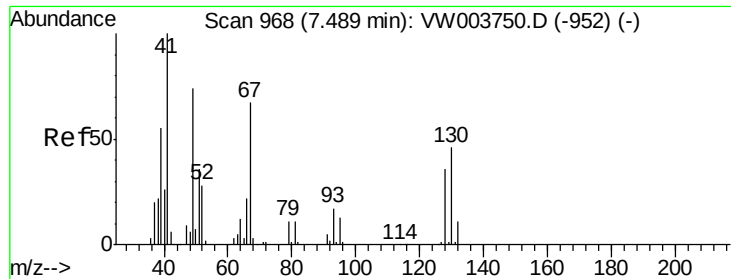
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#40
Benzene
Concen: 50.931 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.7	29.5





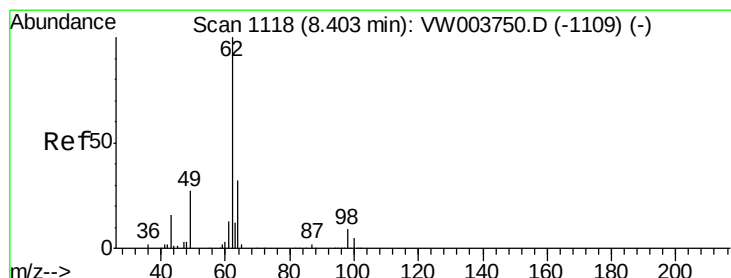
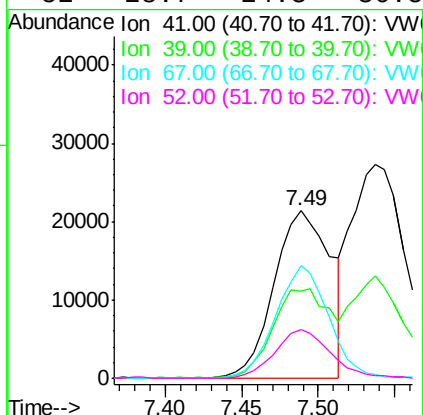
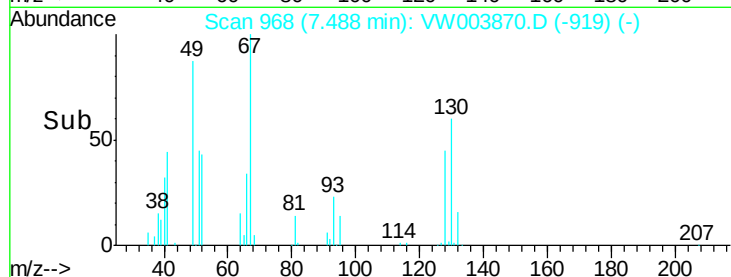
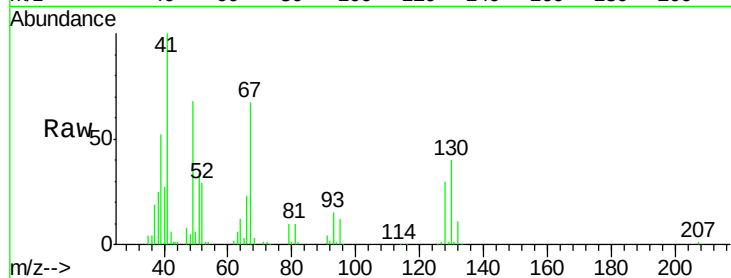
#41
Methacrylonitrile
Concen: 52.461 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	55105
Ion	Ratio	Lower	Upper
41	100		
39	54.7	49.5	74.3
67	62.9	53.8	80.8
52	28.7	24.3	36.5

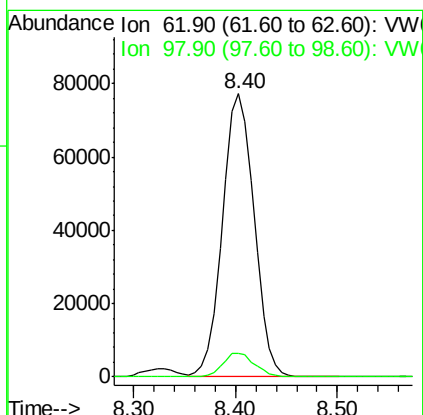
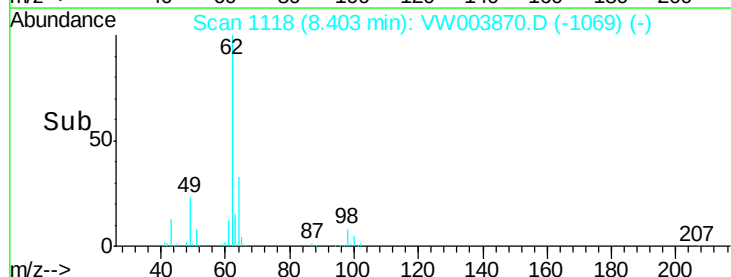
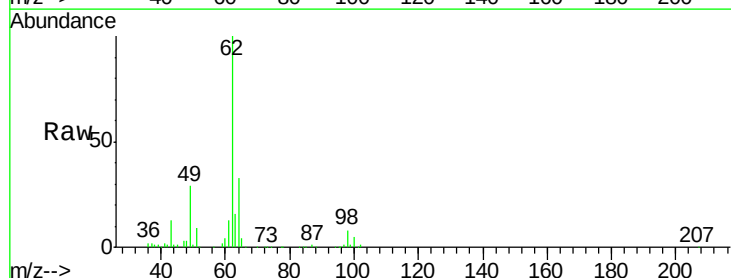
Manual Integrations
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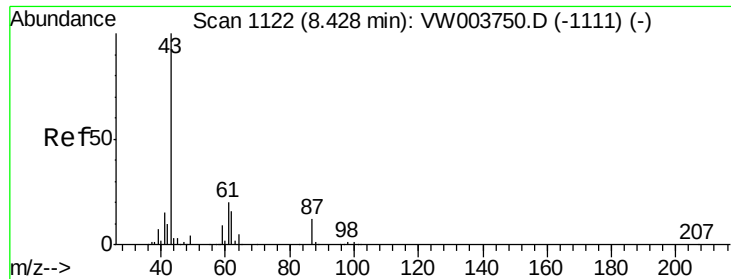
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#42
1,2-Dichloroethane
Concen: 47.891 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion:	62	Resp:	166290
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4





#43

Isopropyl Acetate

Concen: 48.617 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

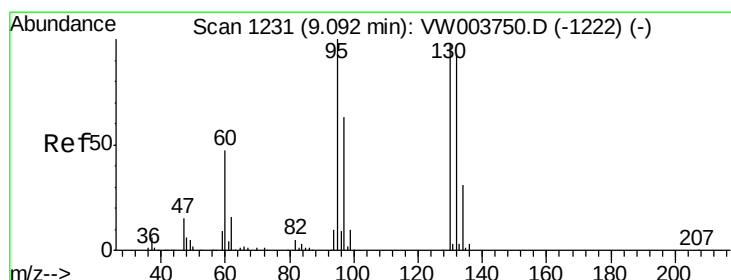
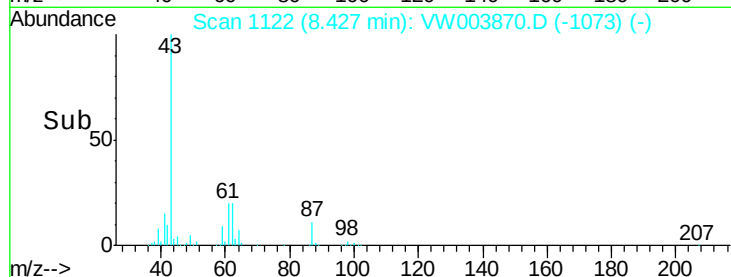
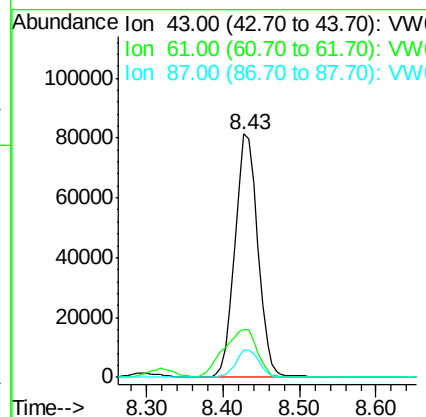
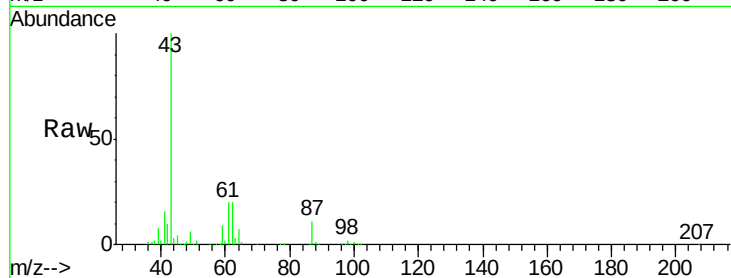
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	168252
Ion	Ratio	Lower	Upper
43	100		
61	28.9	22.8	34.2
87	11.6	9.5	14.3

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#44

Trichloroethene

Concen: 50.690 ug/l

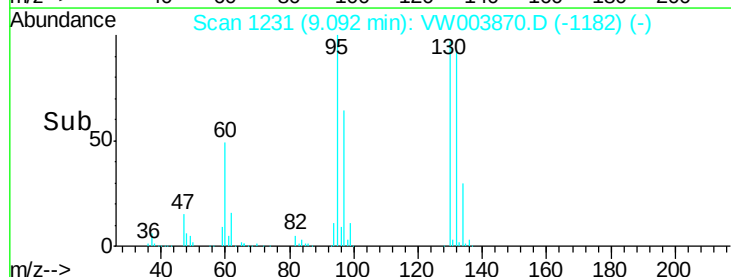
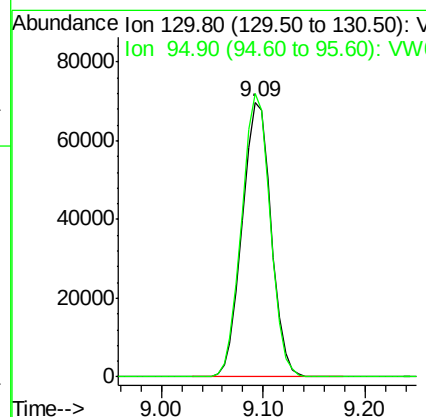
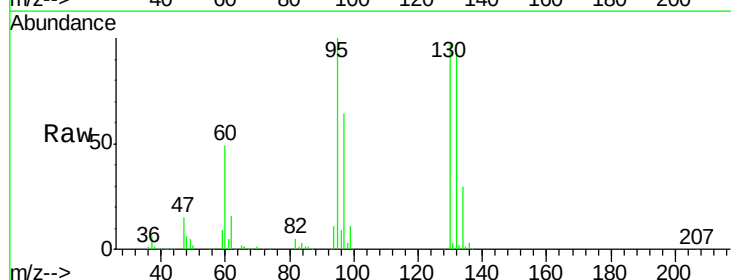
RT: 9.09 min Scan# 1231

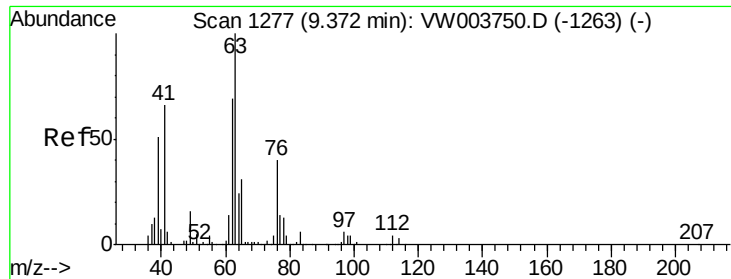
Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion:	130	Resp:	137105
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	203.8





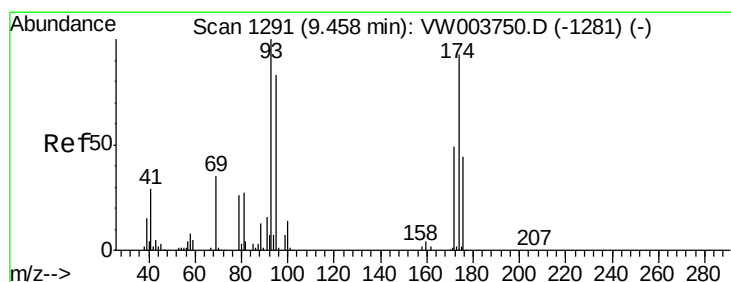
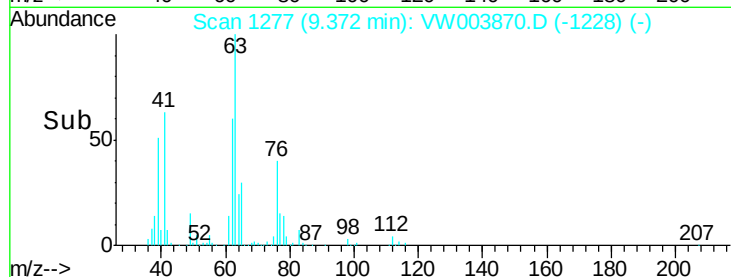
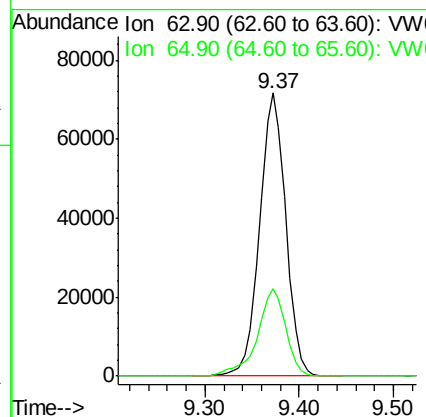
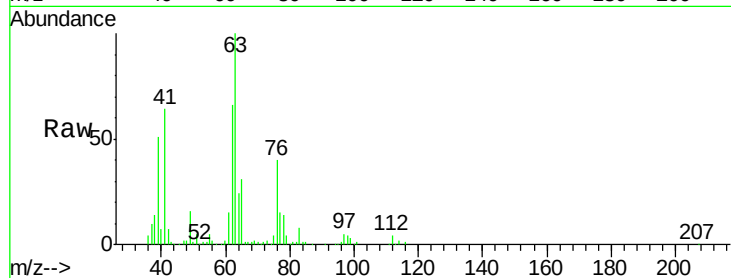
#45
 1,2-Dichloropropane
 Concen: 50.245 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

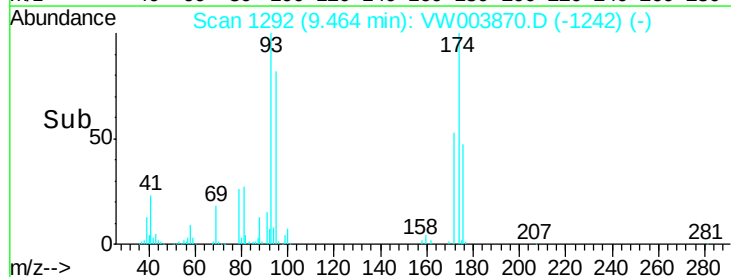
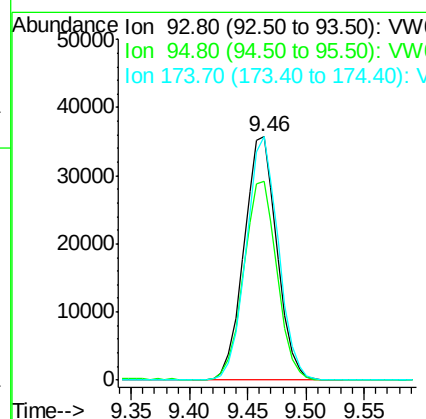
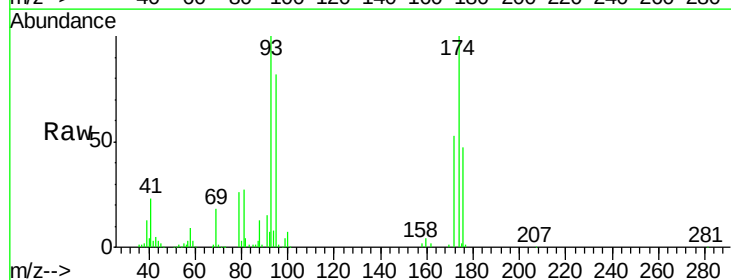
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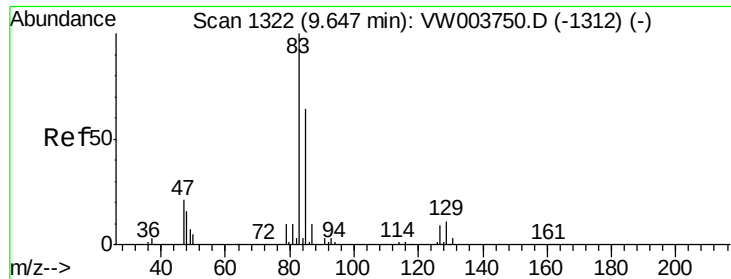
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#46
 Dibromomethane
 Concen: 47.973 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.2	100.8
174	97.5	78.1	117.1





#47

Bromodichloromethane

Concen: 49.565 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

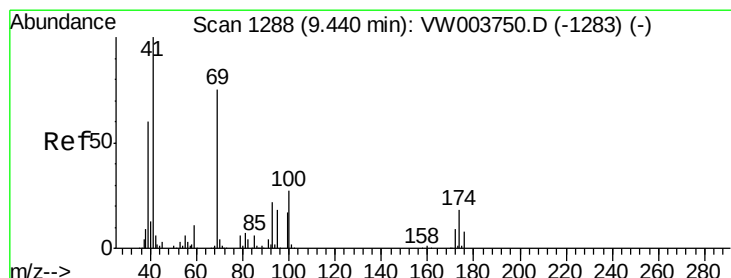
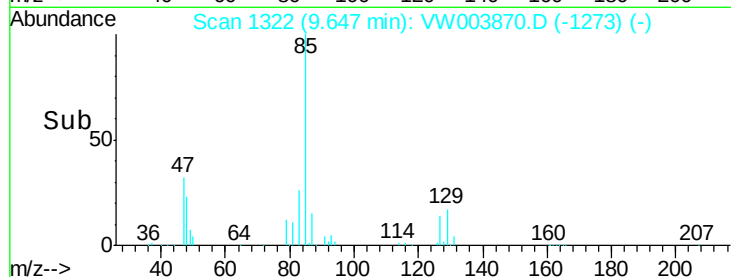
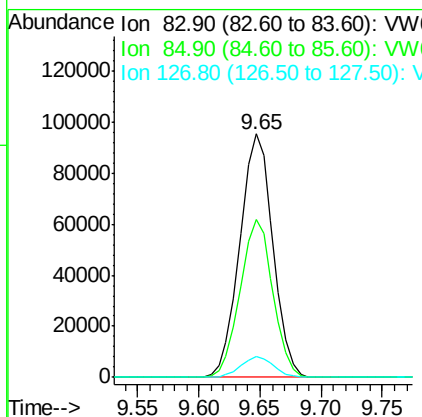
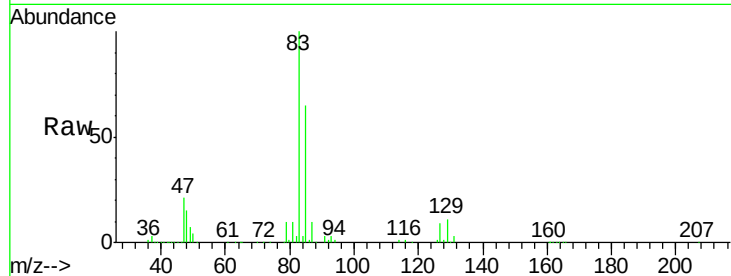
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	178857
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.0
127	8.8	6.8	10.2

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#48

Methyl methacrylate

Concen: 49.640 ug/l

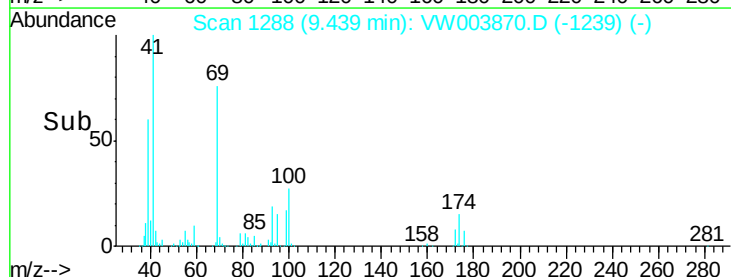
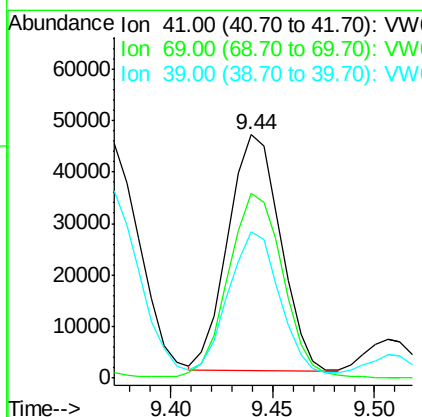
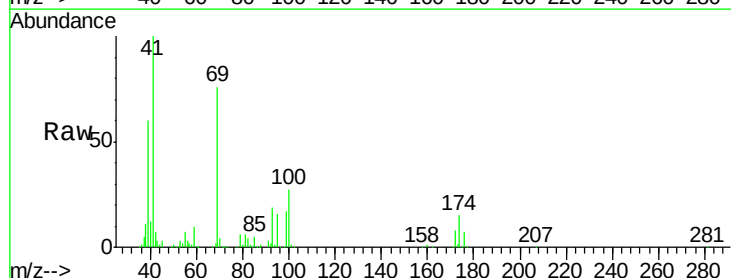
RT: 9.44 min Scan# 1288

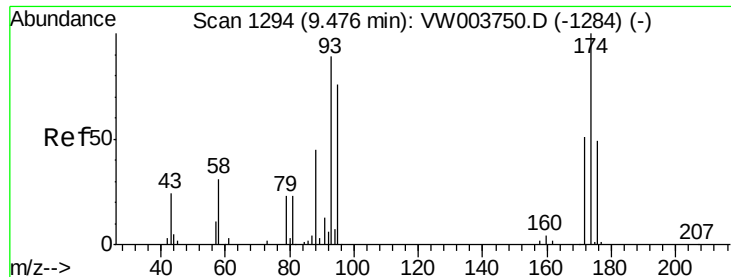
Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion:	41	Resp:	81815
Ion	Ratio	Lower	Upper
41	100		
69	82.5	63.8	95.8
39	62.5	50.2	75.2





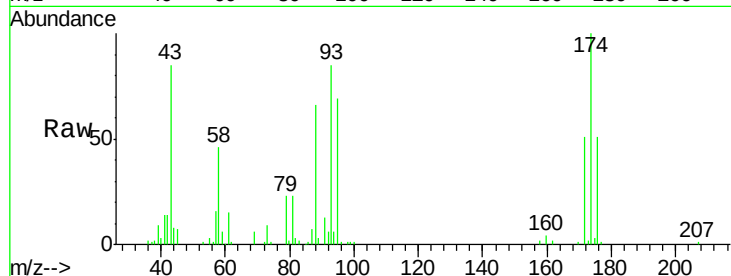
#49
1,4-Dioxane
Concen: 915.173 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.8	59.7	89.5

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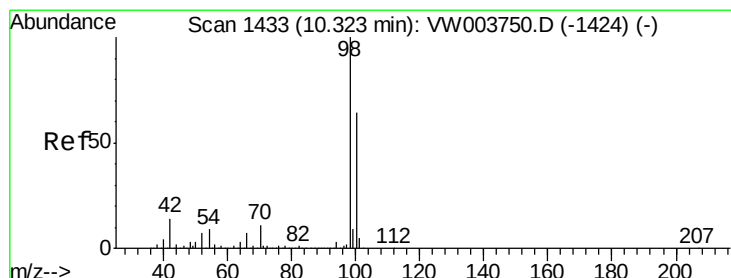
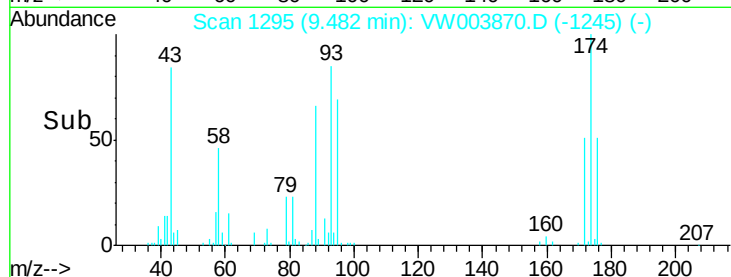
Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

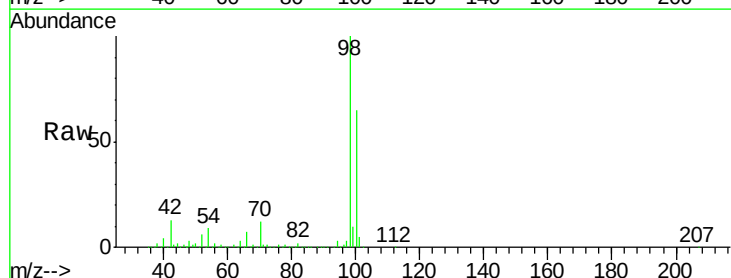
Ion 58.00 (57.70 to 58.70): VW

Time-->



#50
Toluene-d8
Concen: 50.206 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2

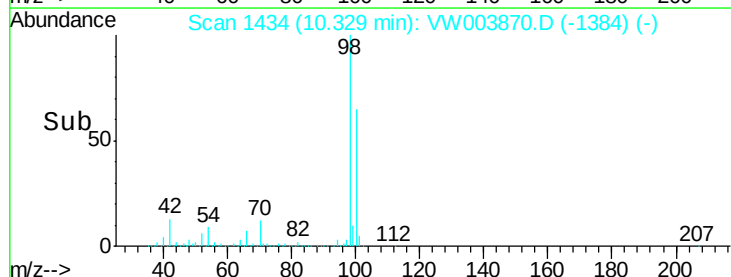


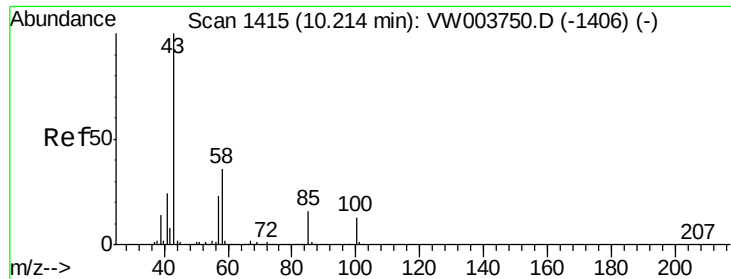
Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time-->





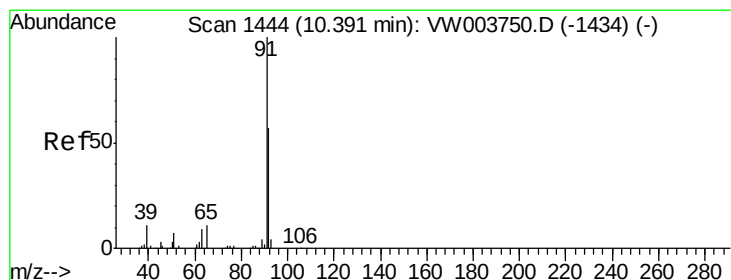
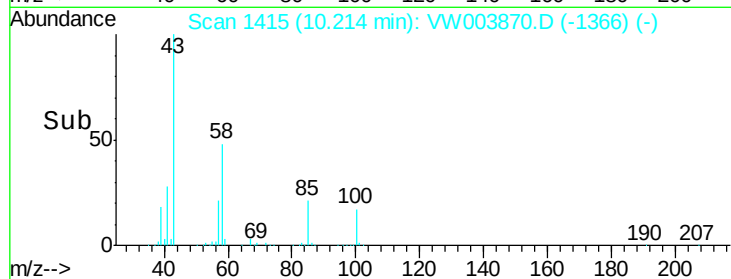
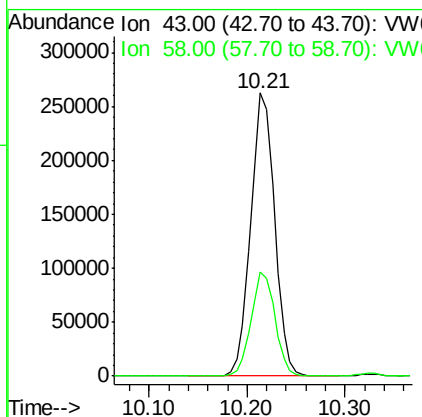
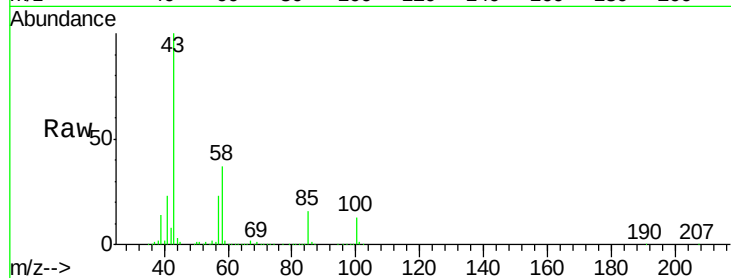
#51
4-Methyl-2-Pentanone
Concen: 250.550 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	448703
Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.3	43.9

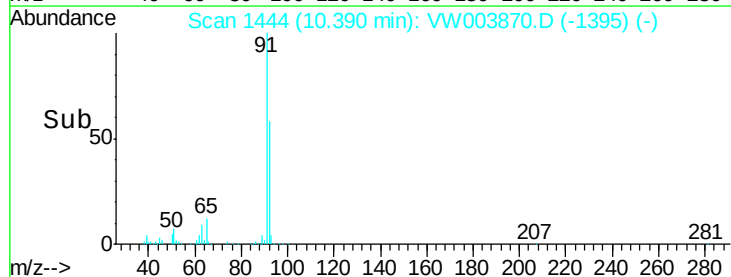
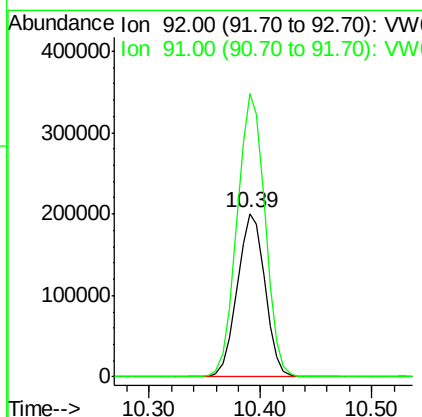
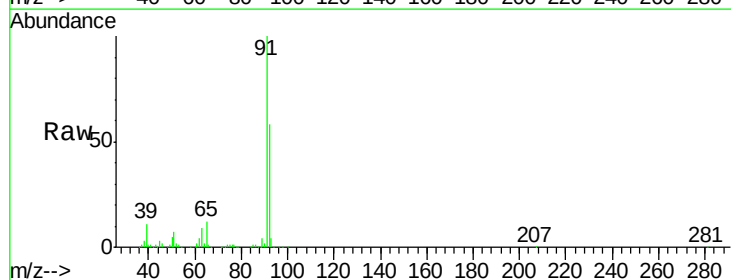
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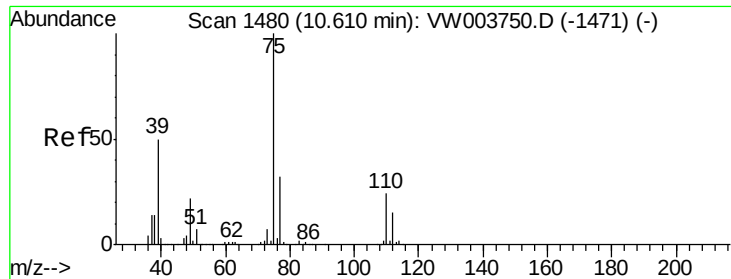
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#52
Toluene
Concen: 51.933 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	92	Resp	345496
Ion	Ratio	Lower	Upper
92	100		
91	174.6	140.6	211.0





#53

t-1,3-Dichloropropene

Concen: 51.654 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 186110

Ion Ratio Lower Upper

75 100

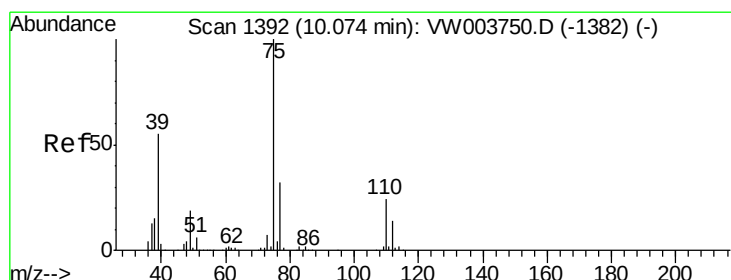
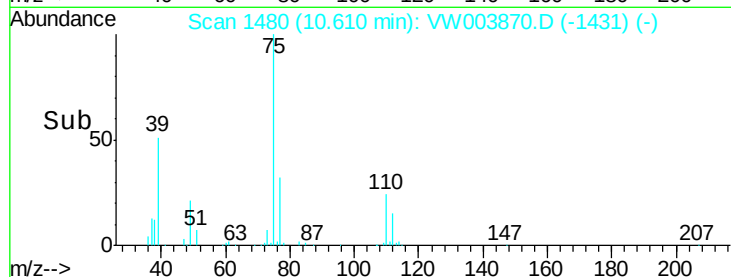
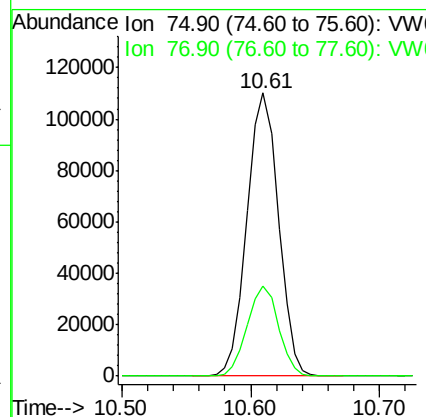
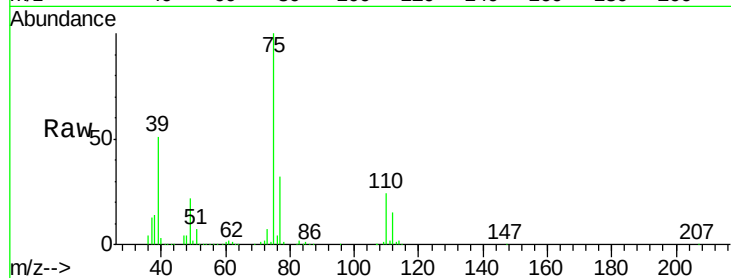
77 31.5 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.382 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

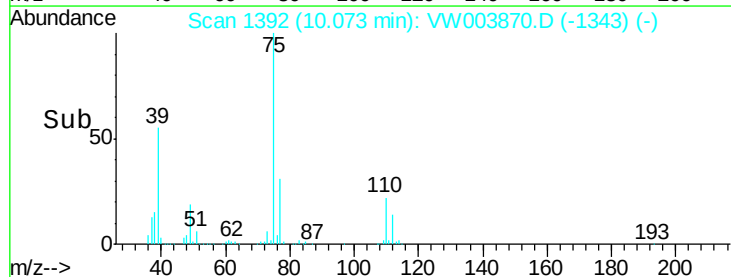
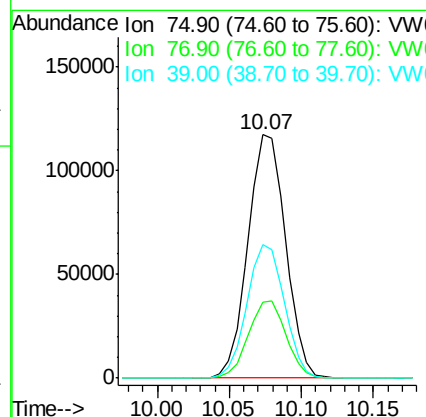
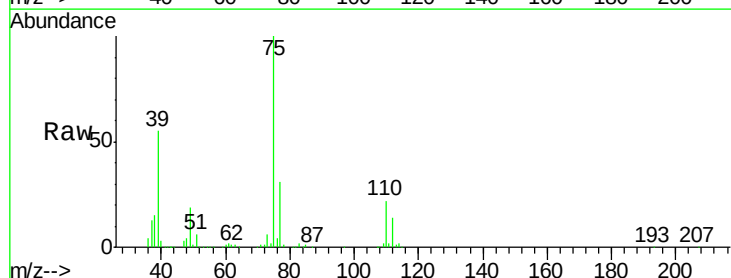
Tgt Ion: 75 Resp: 213049

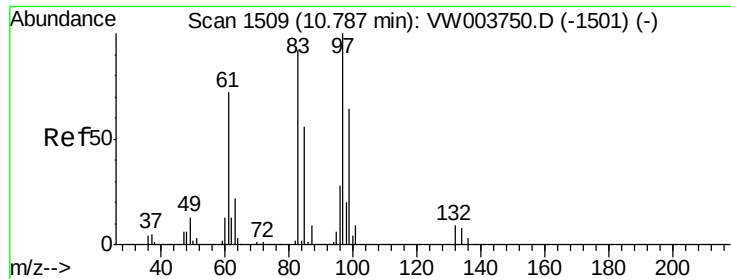
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 54.6 43.6 65.4





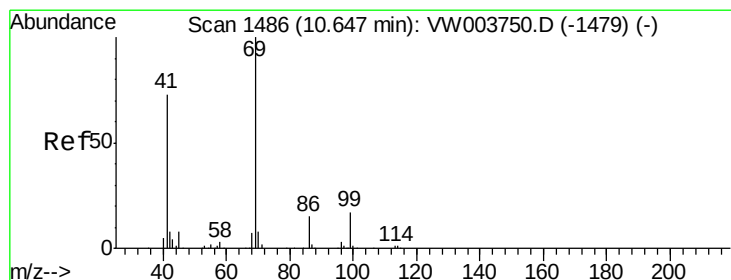
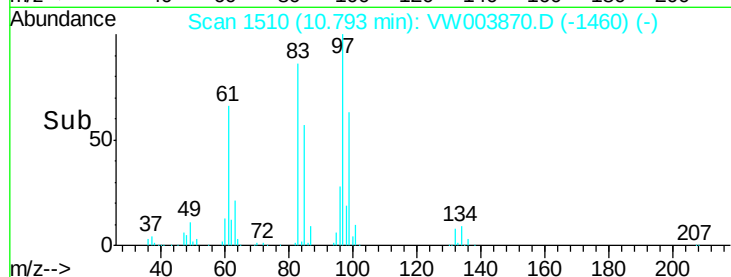
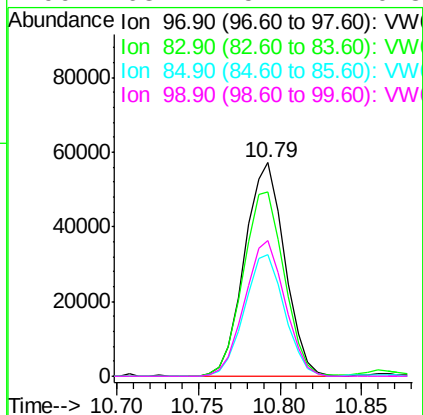
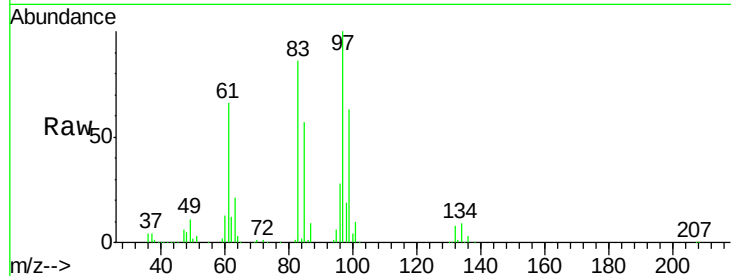
#55
 1,1,2-Trichloroethane
 Concen: 48.062 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	97913
Ion	Ratio	Lower	Upper
97	100		
83	86.3	73.8	110.6
85	56.8	45.0	67.4
99	63.2	51.2	76.8

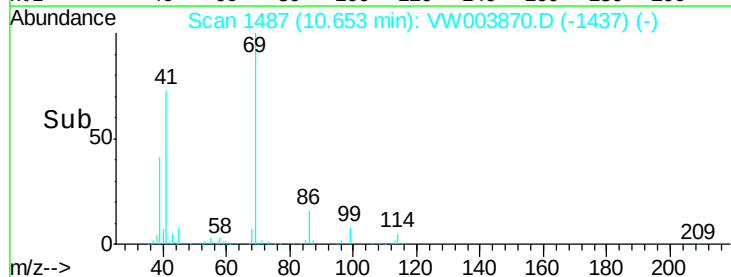
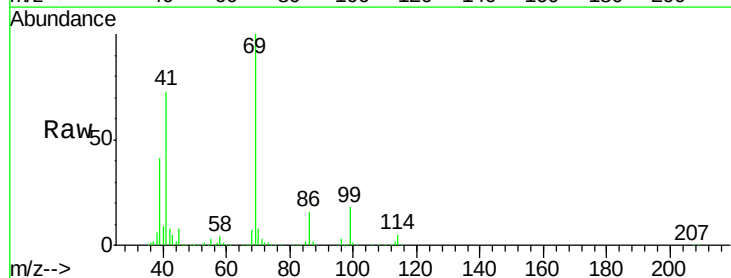
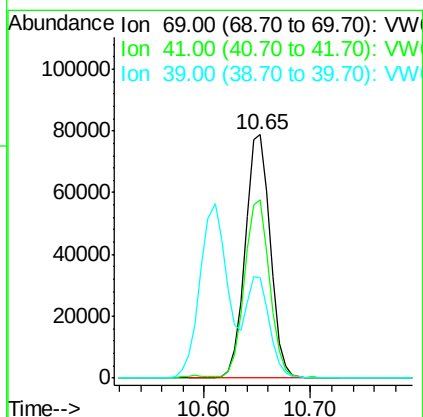
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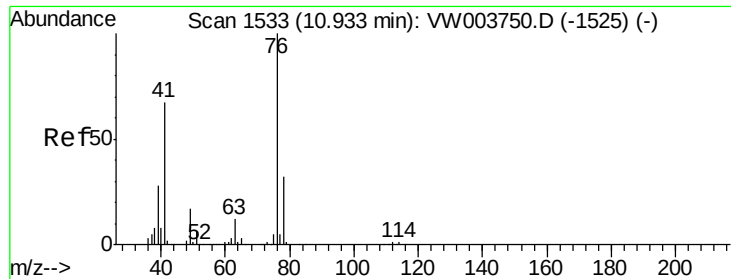
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#56
 Ethyl methacrylate
 Concen: 52.422 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion:	69	Resp:	130324
Ion	Ratio	Lower	Upper
69	100		
41	73.4	59.0	88.4
39	36.6	32.8	49.2





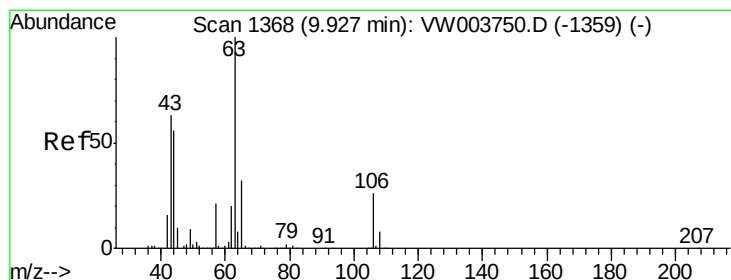
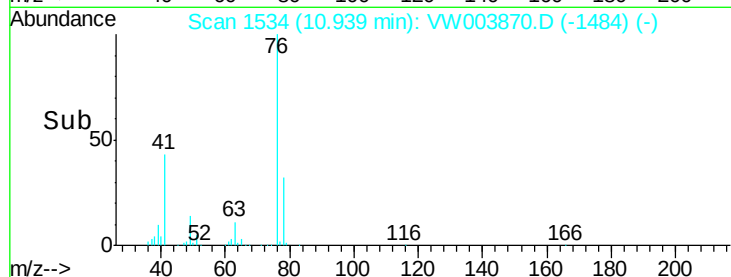
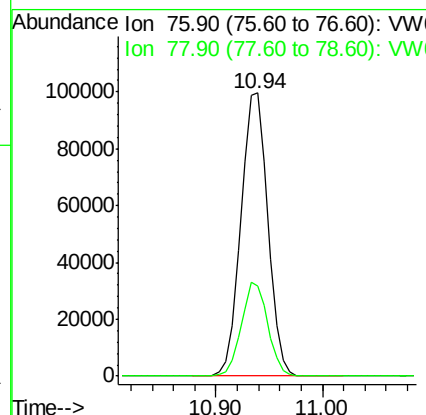
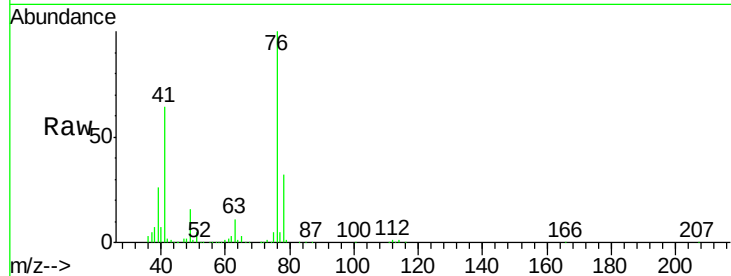
#57
 1,3-Dichloropropane
 Concen: 49.924 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 177271
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

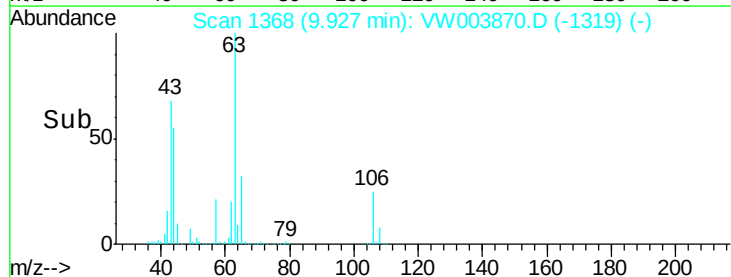
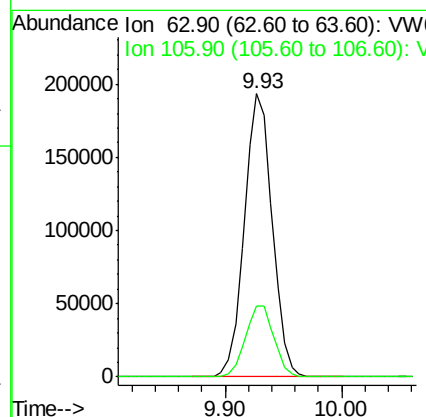
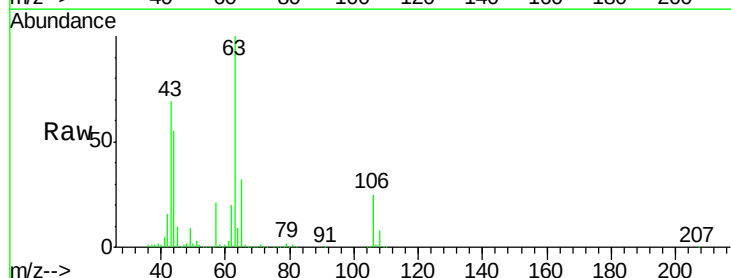
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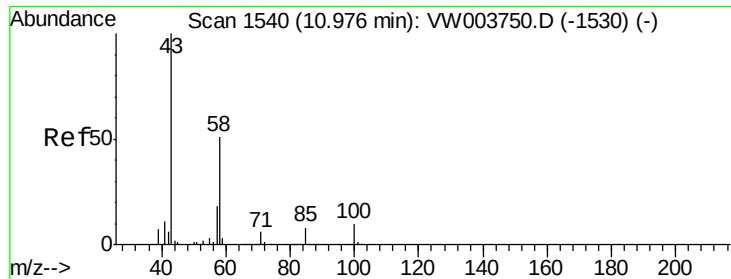
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.087 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion: 63 Resp: 323215
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.9 31.3





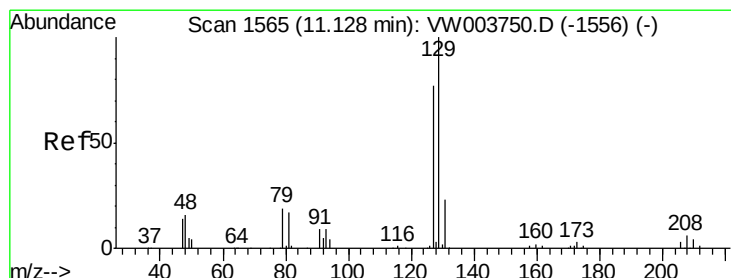
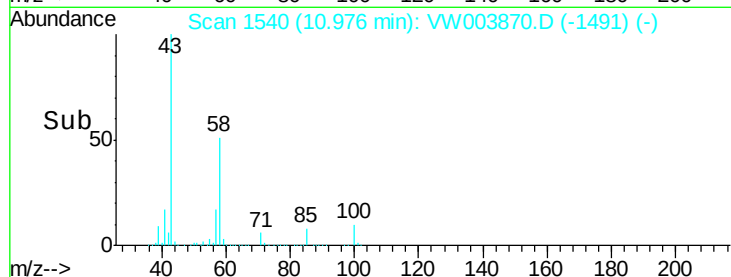
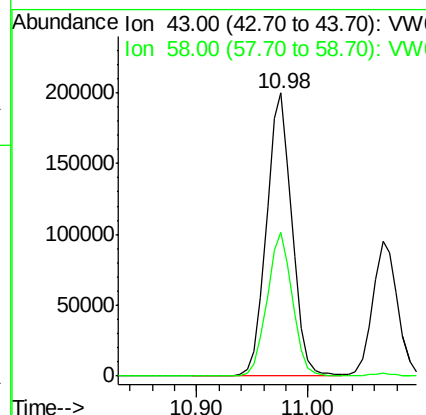
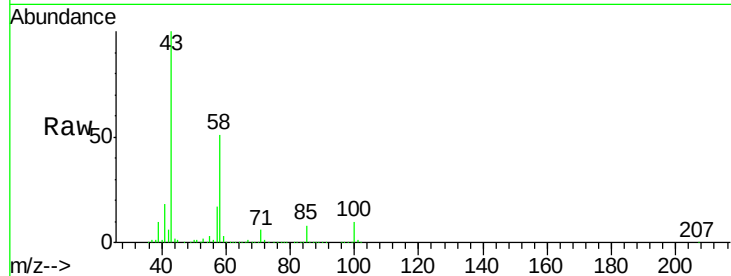
#59
2-Hexanone
Concen: 258.977 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	318481
Ion Ratio	100	Lower	Upper
43	100		
58	50.2	25.4	76.2

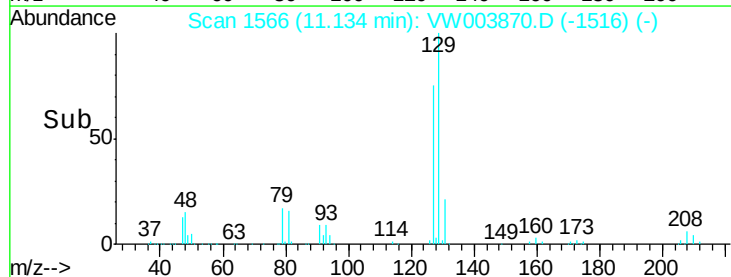
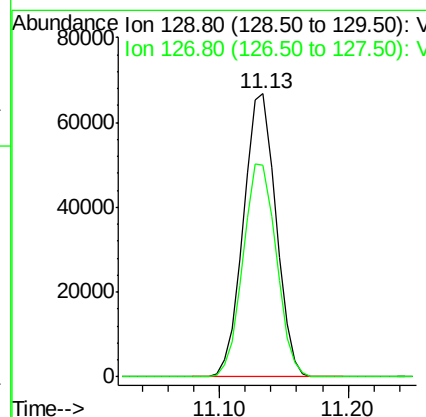
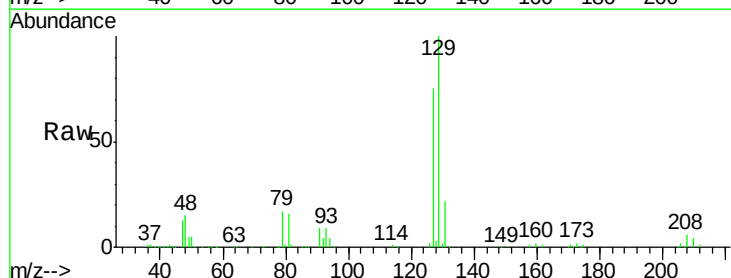
Manual Integrations
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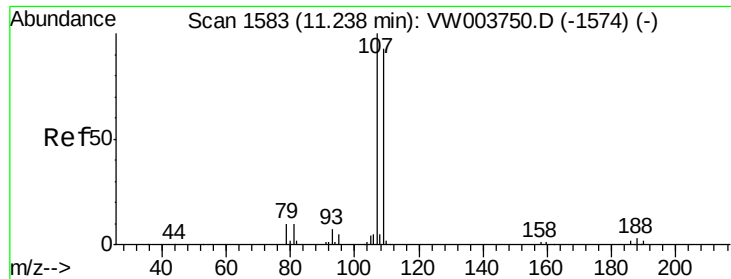
apatel
7/12/2018 10:58:56 AM



#60
Dibromochloromethane
Concen: 49.156 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	129	Resp	116898
Ion Ratio	100	Lower	Upper
129	100		
127	76.8	38.9	116.6





#61

1,2-Dibromoethane

Concen: 47.376 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 92299

Ion Ratio Lower Upper

107 100

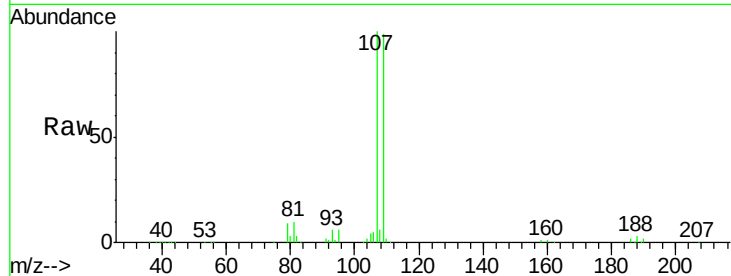
109 95.0 75.1 112.7

Manual Integrations

APPROVED

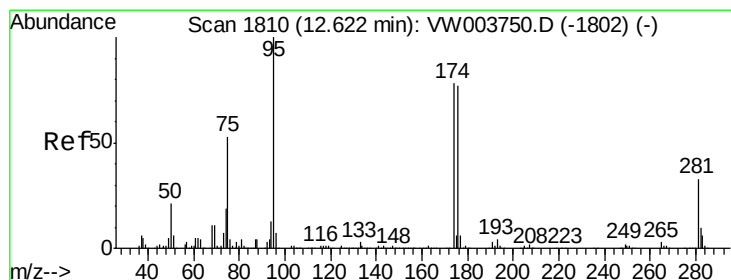
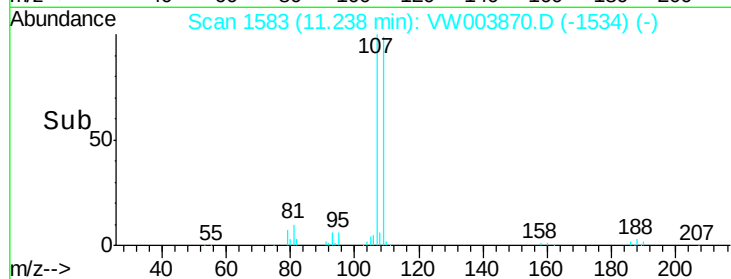
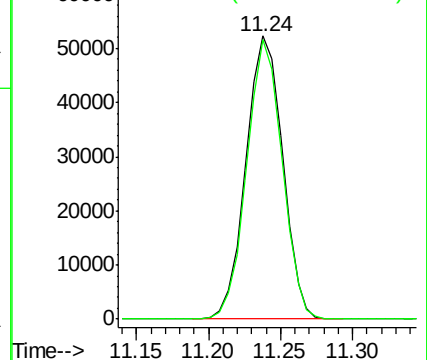
apatel

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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: 49.182 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

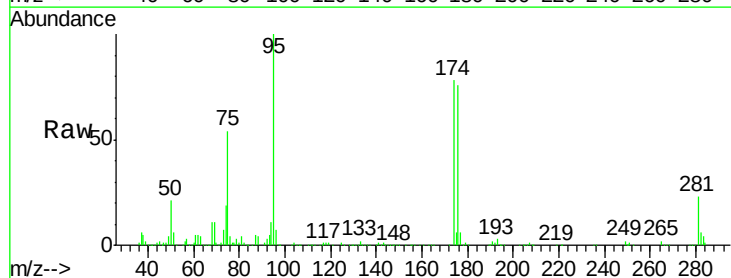
Tgt Ion: 95 Resp: 168501

Ion Ratio Lower Upper

95 100

174 81.1 0.0 163.4

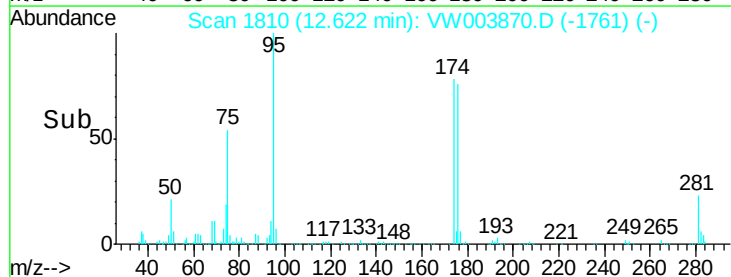
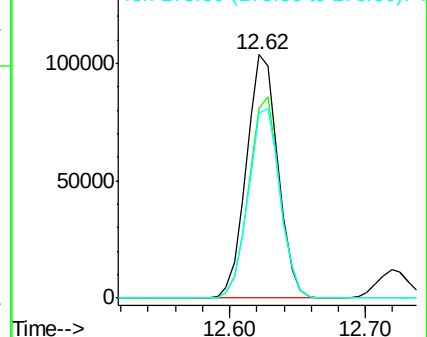
176 78.7 0.0 156.8

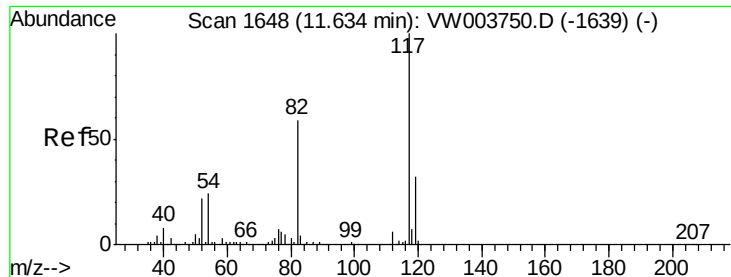


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





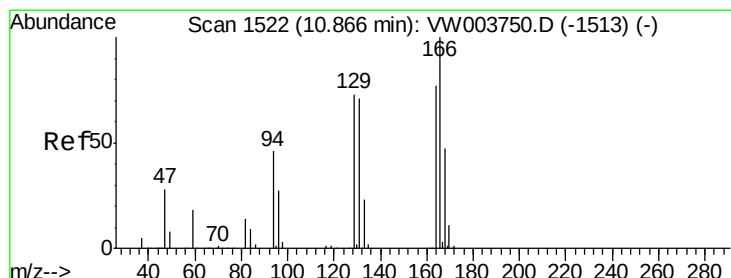
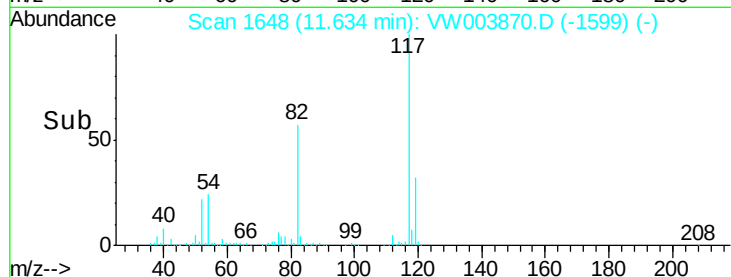
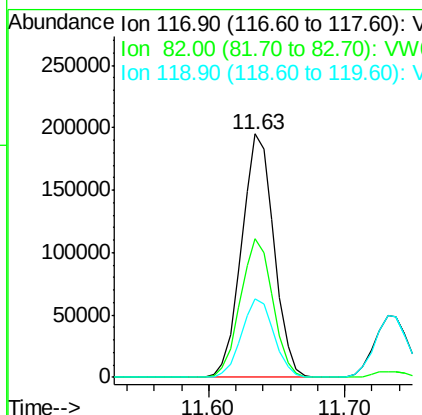
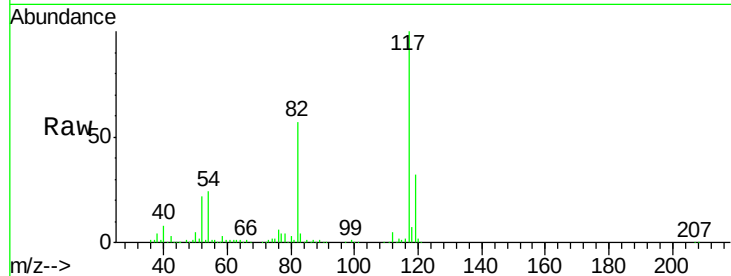
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.9	70.3
119	32.4	25.5	38.3

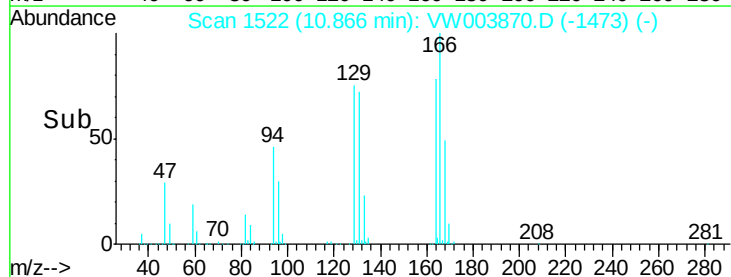
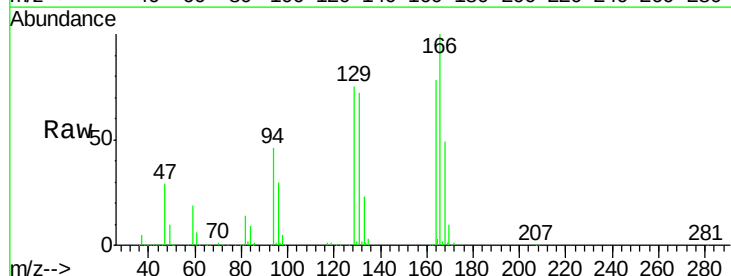
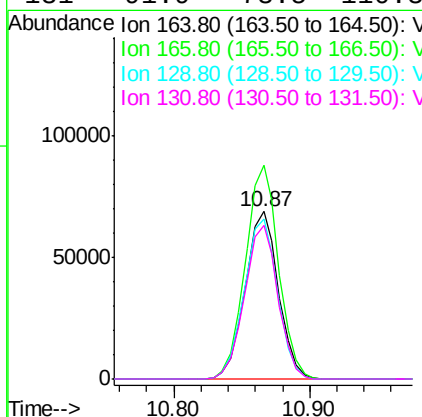
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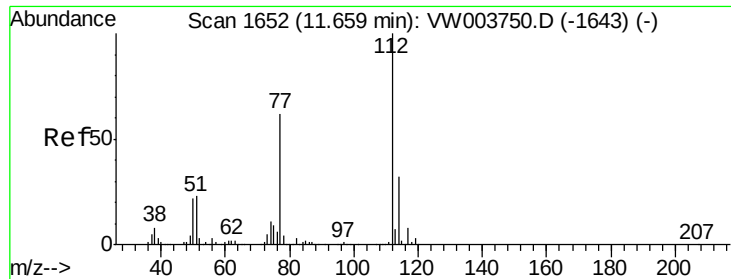
apatel
7/12/2018 10:58:56 AM



#64
Tetrachloroethene
Concen: 48.930 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	104.2	156.4
129	96.0	75.8	113.8
131	91.9	73.5	110.3





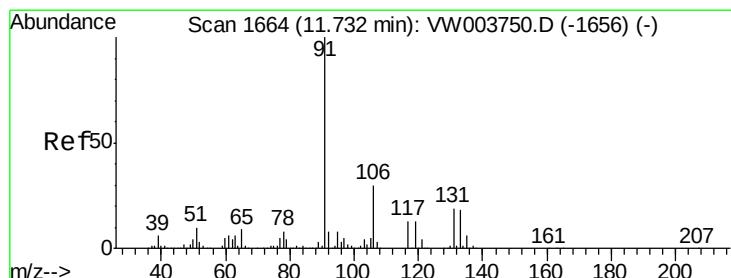
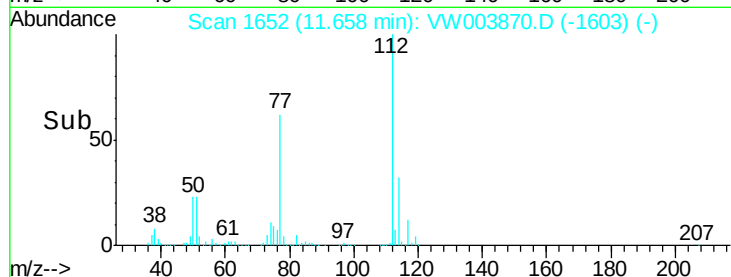
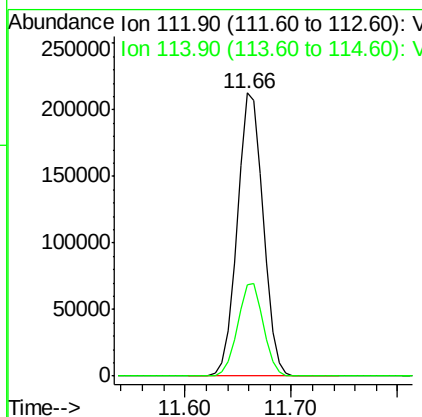
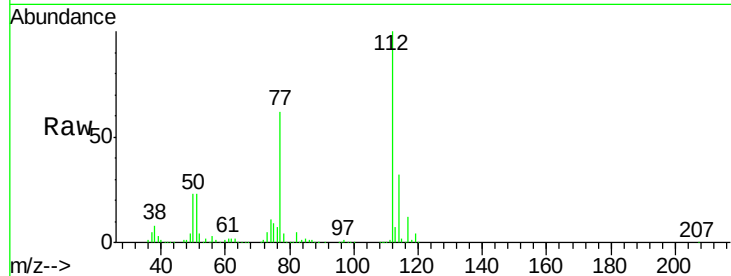
#65
Chlorobenzene
Concen: 50.922 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.0	39.0

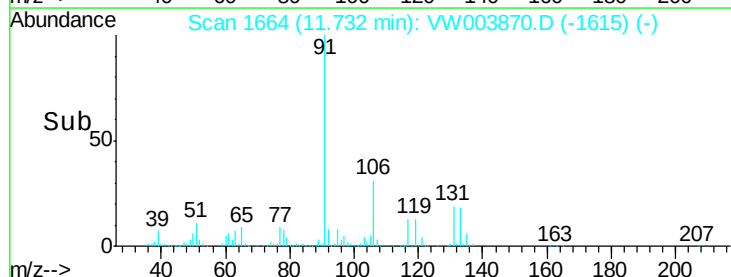
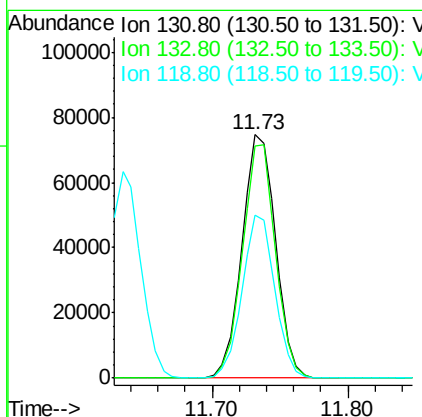
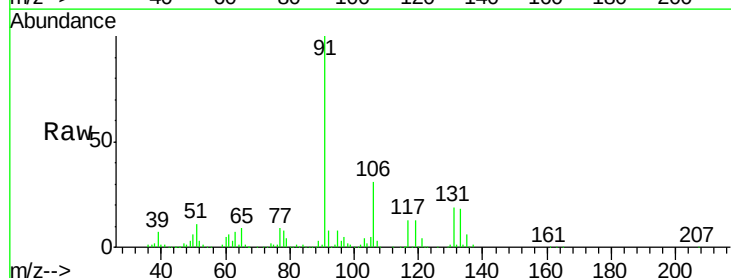
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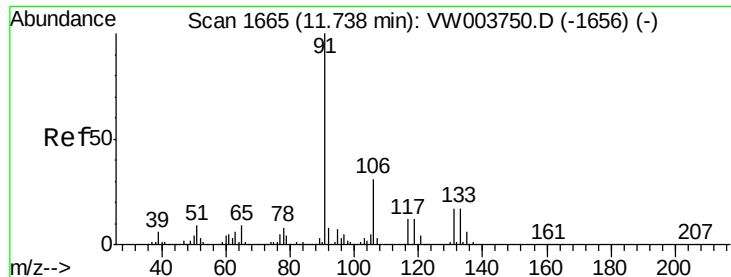
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.754 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.0	144.2
119	65.1	33.2	99.6





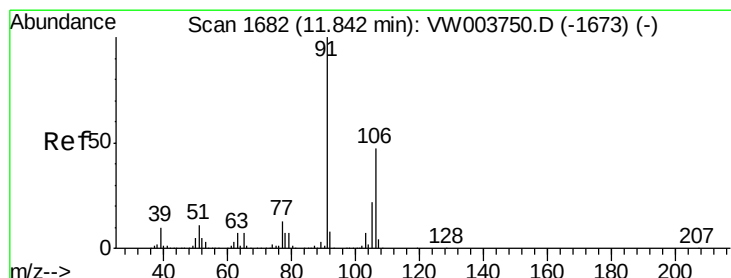
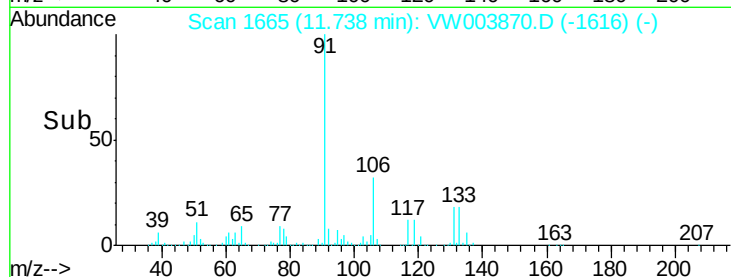
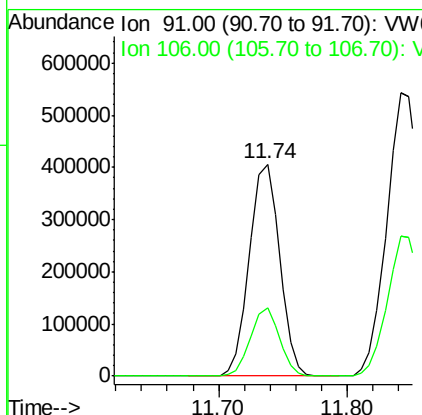
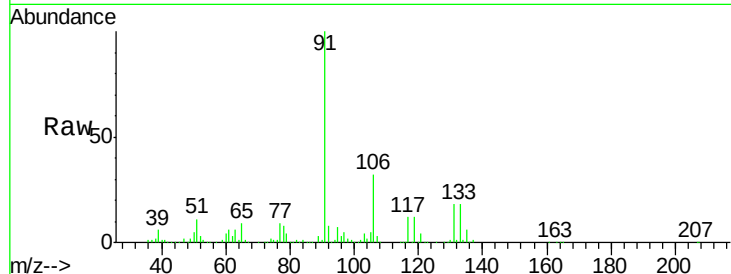
#67
Ethyl Benzene
Concen: 54.136 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 660753
Ion Ratio Lower Upper
91 100
106 32.1 24.6 37.0

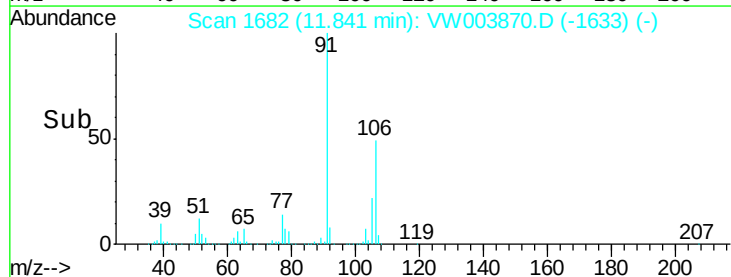
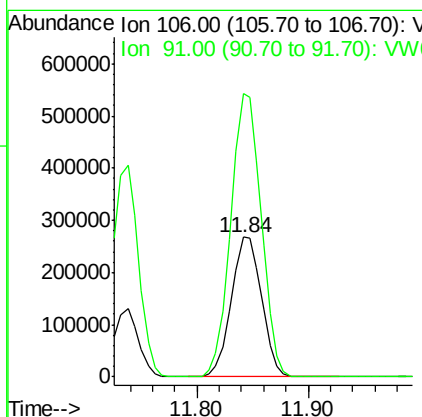
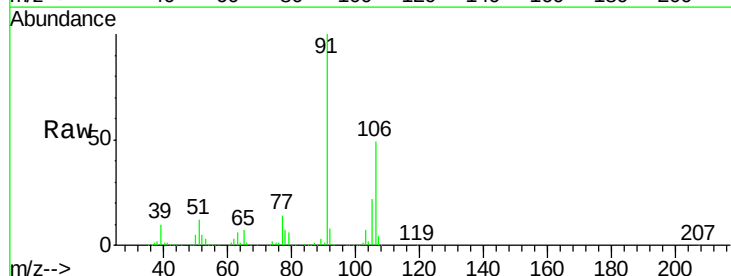
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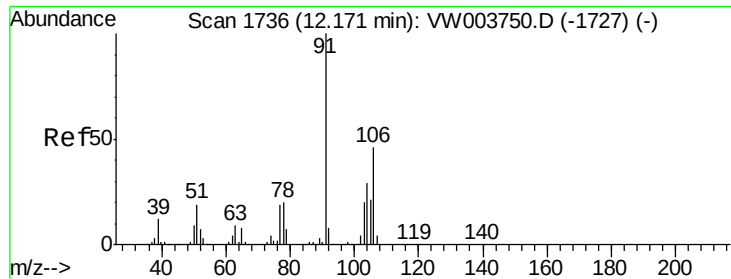
apatel
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#68
m/p-Xylenes
Concen: 107.649 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion: 106 Resp: 503137
Ion Ratio Lower Upper
106 100
91 203.7 164.3 246.5





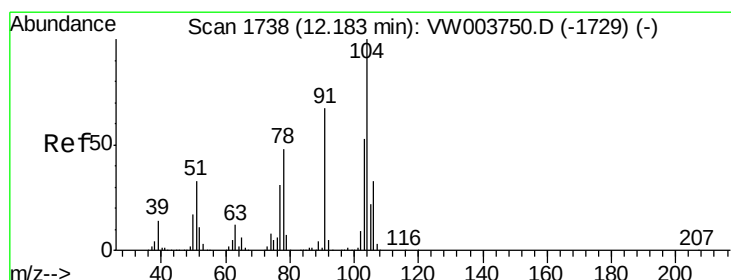
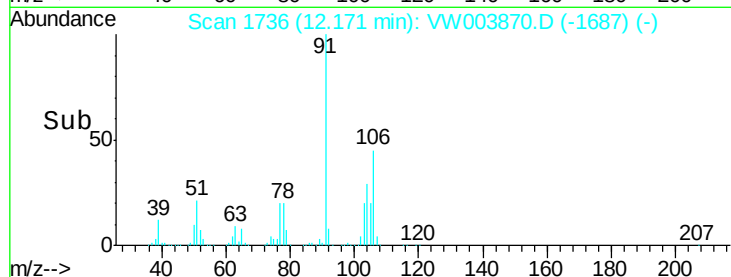
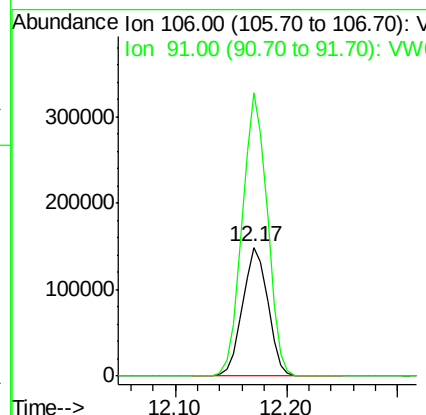
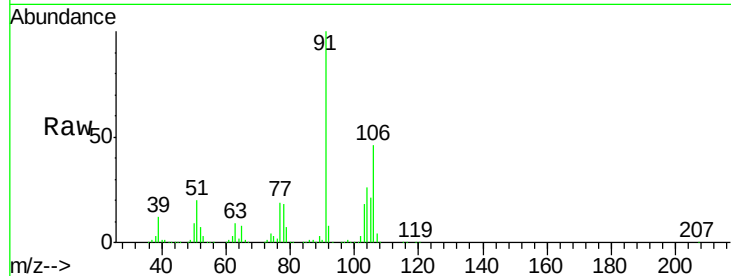
#69
o-Xylene
Concen: 54.472 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	234923		
91	217.8	109.1	327.2	

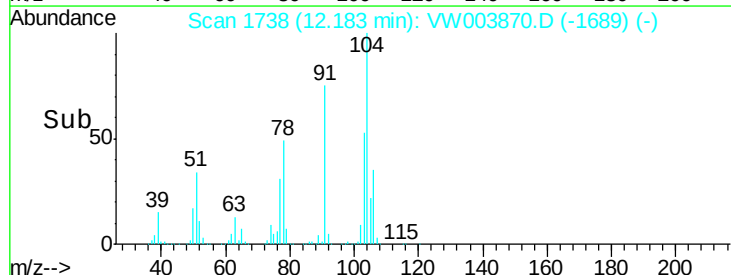
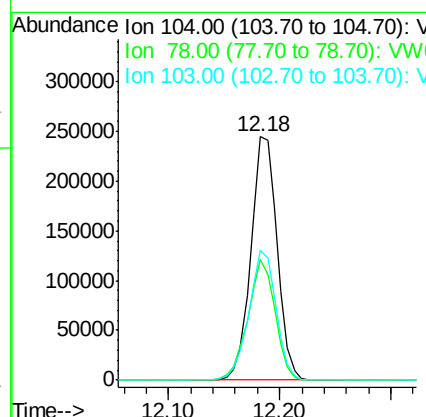
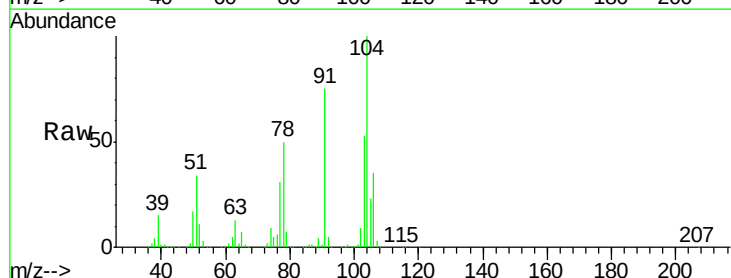
Manual Integrations
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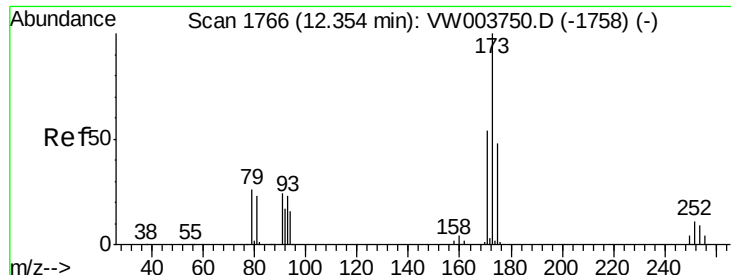
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#70
Styrene
Concen: 54.613 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	400523		
78	51.3	41.1	61.7	
103	55.3	44.6	67.0	





#71

Bromoform

Concen: 50.000 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 68829

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

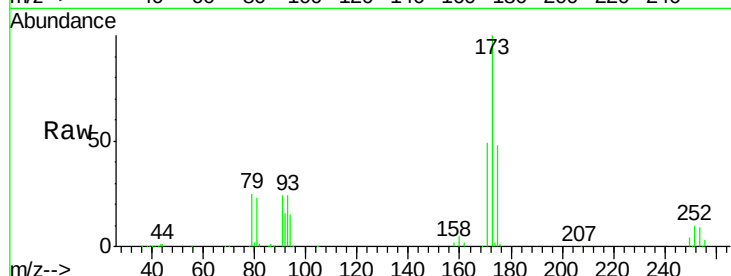
254 0.2 0.0 0.0#

Manual Integrations

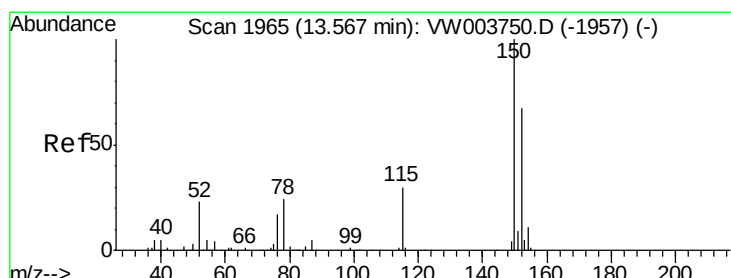
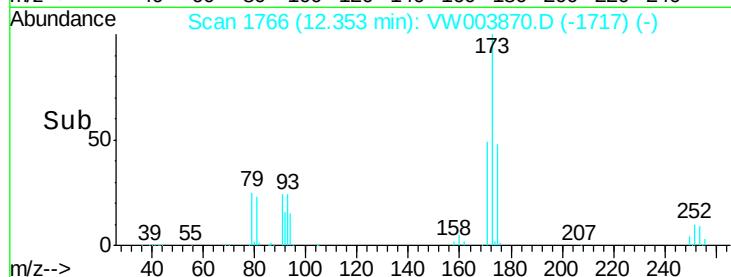
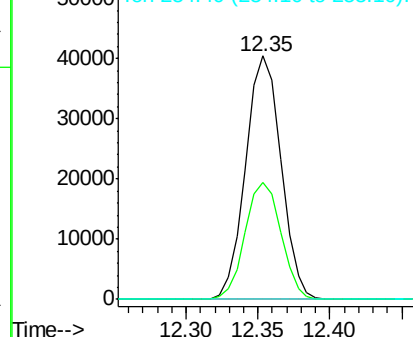
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

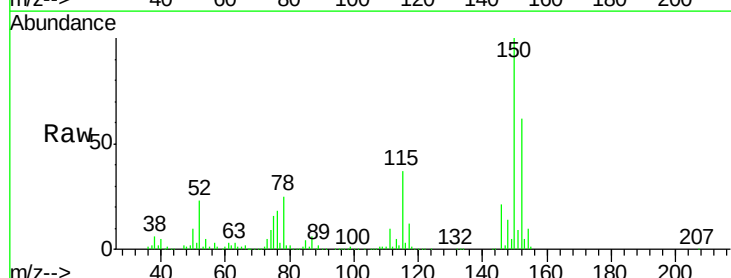
Tgt Ion:152 Resp: 169185

Ion Ratio Lower Upper

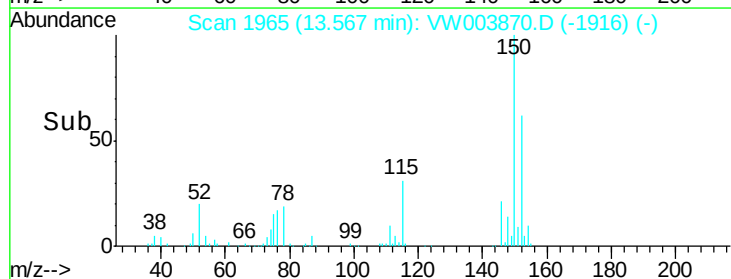
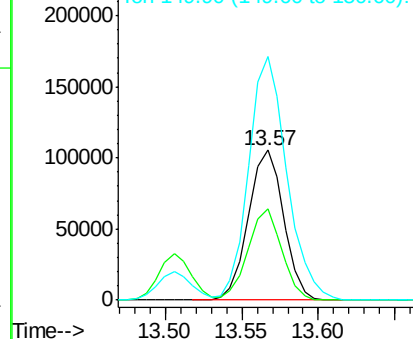
152 100

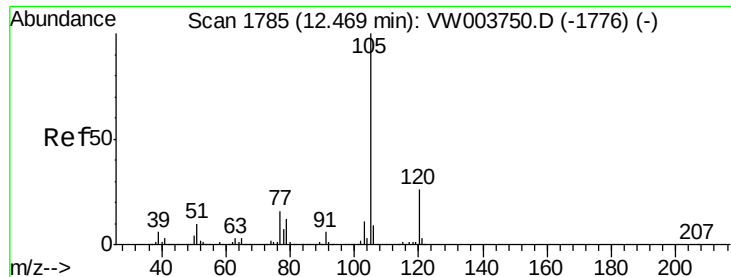
115 58.0 28.9 86.8

150 175.2 0.0 342.4



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





#73

Isopropylbenzene

Concen: 57.863 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 662978

Ion Ratio Lower Upper

105 100

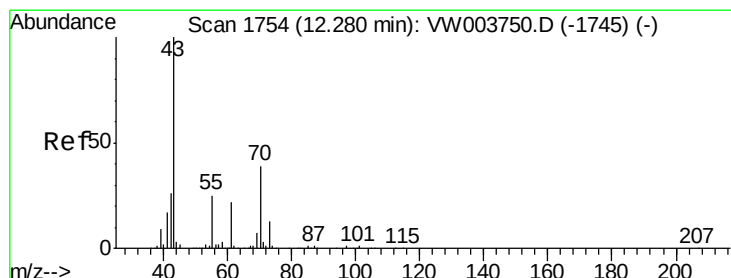
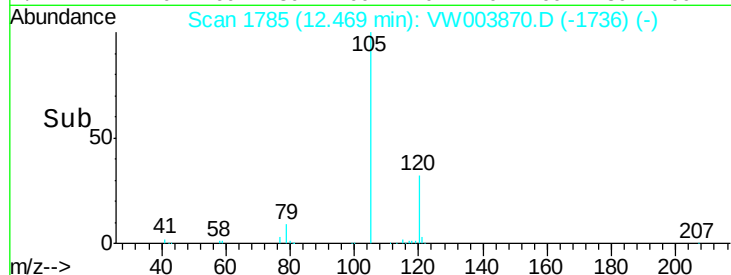
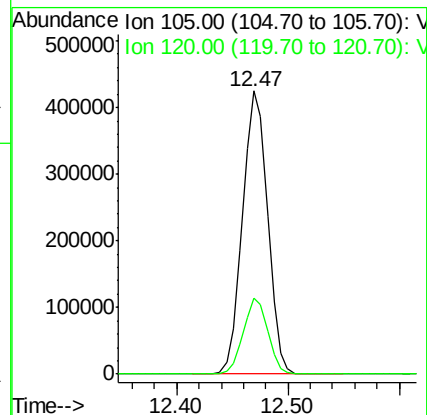
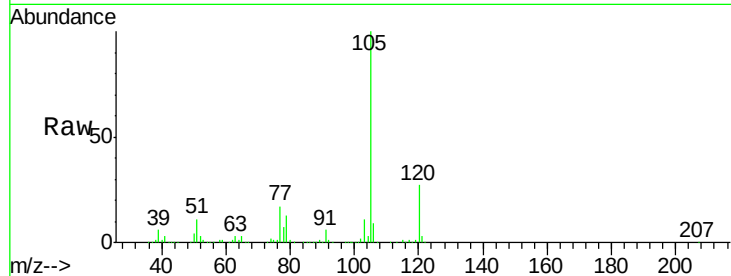
120 26.4 13.1 39.3

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#74

N-ethyl acetate

Concen: 52.513 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion: 43 Resp: 163089

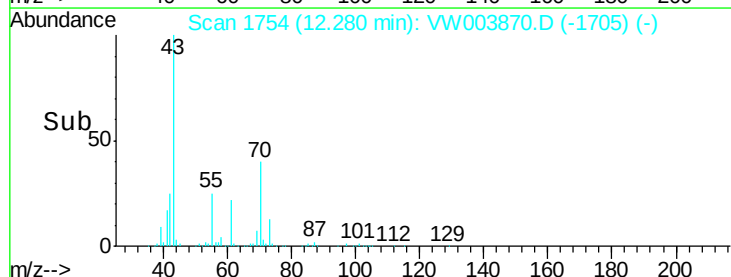
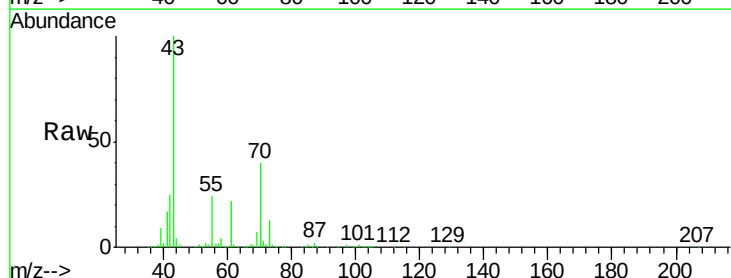
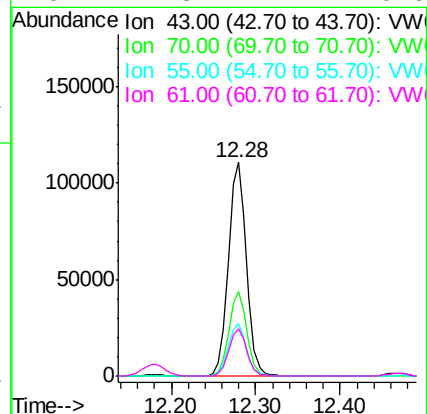
Ion Ratio Lower Upper

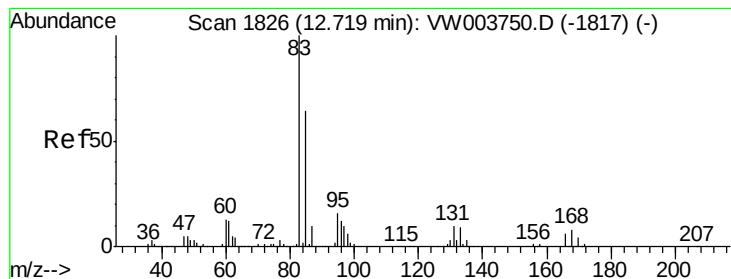
43 100

70 39.3 31.3 46.9

55 24.9 20.1 30.1

61 22.3 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.742 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

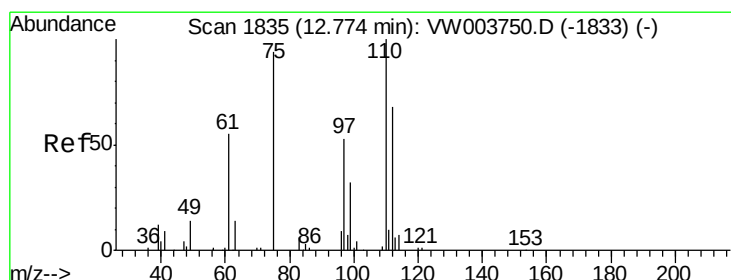
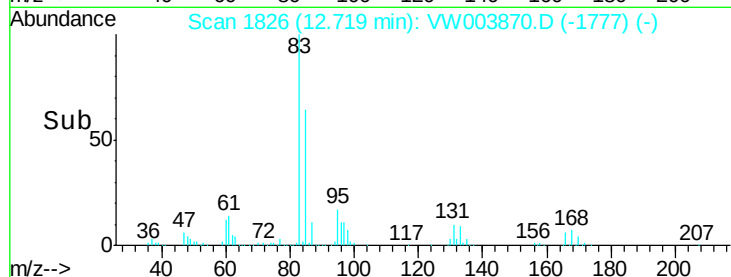
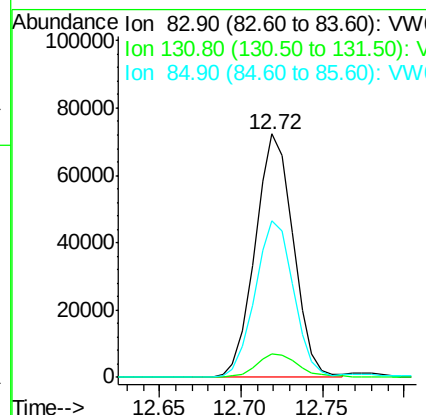
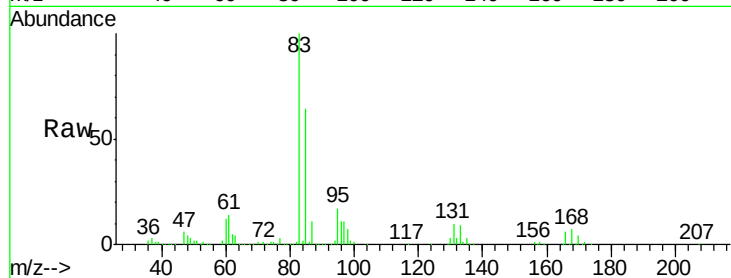
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	117859
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.4
85	65.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.349 ug/l m

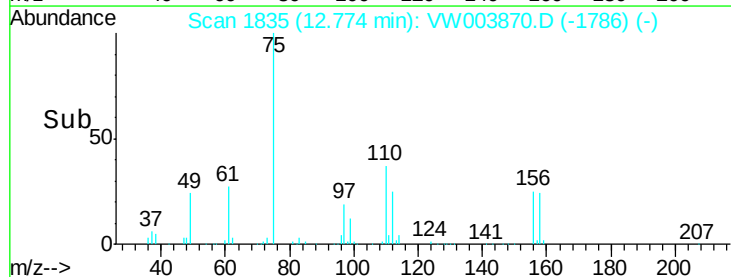
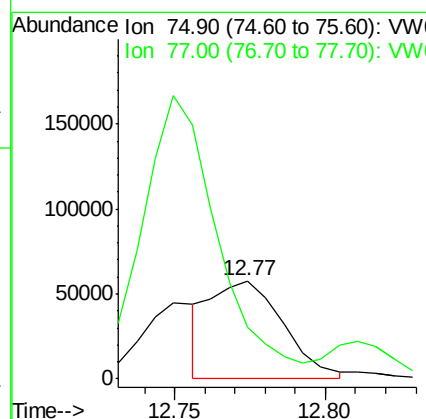
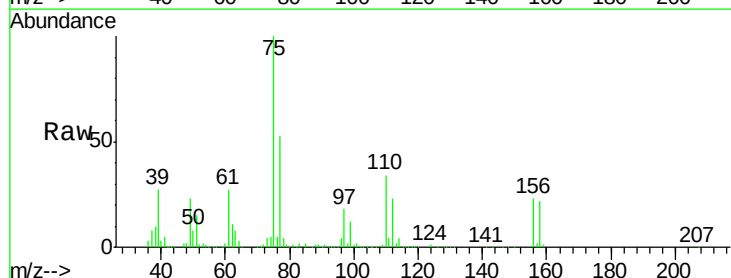
RT: 12.77 min Scan# 1835

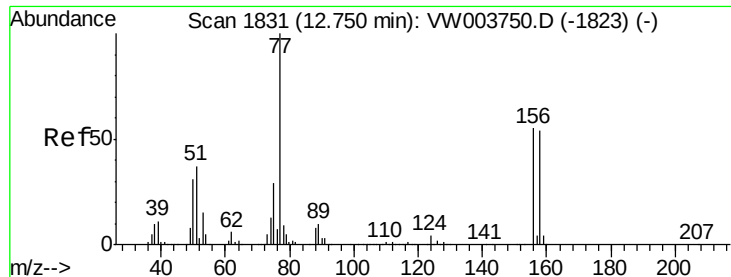
Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion:	75	Resp:	96939
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





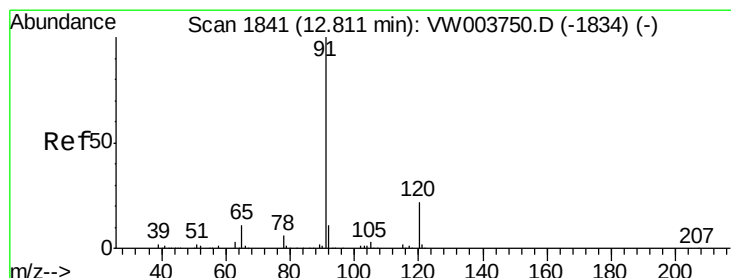
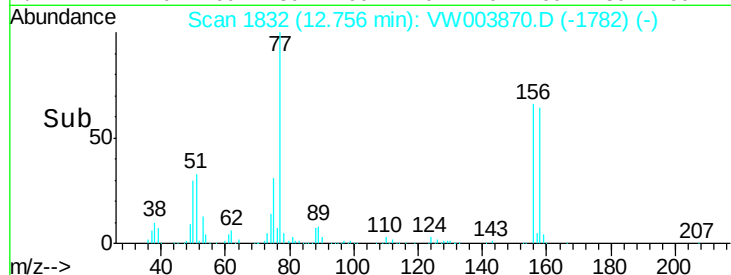
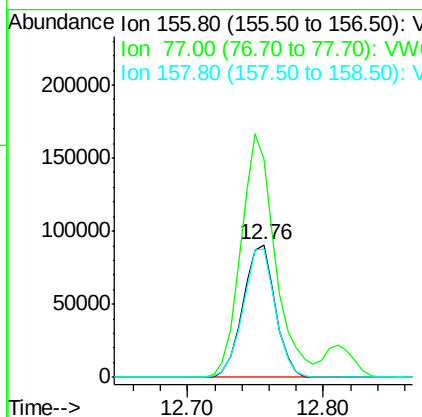
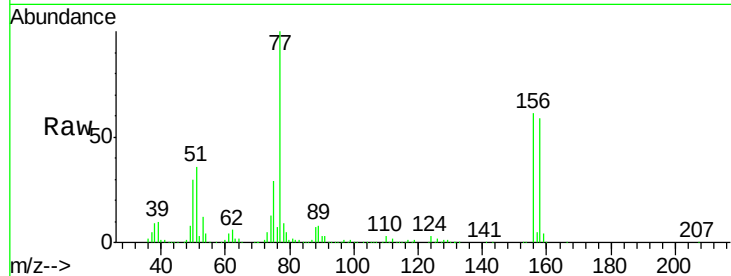
#77
Bromobenzene
Concen: 52.636 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.3	98.7	296.0
158	97.4	49.0	147.0

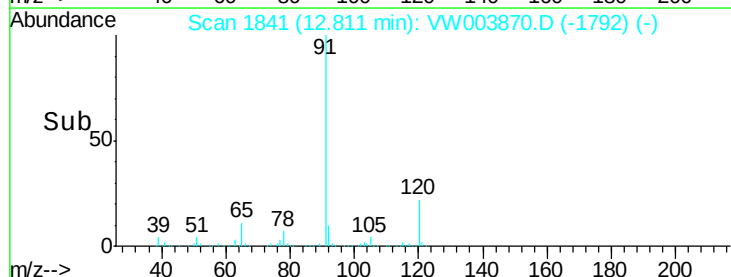
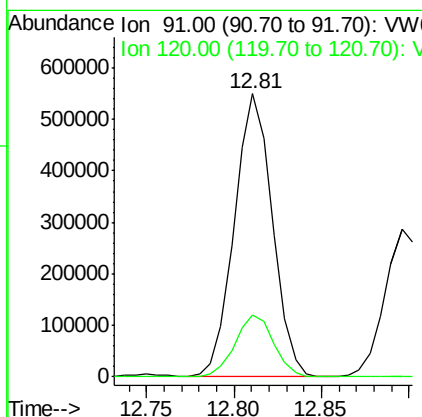
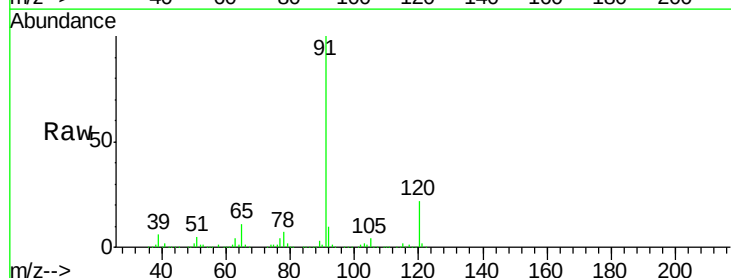
Manual Integrations
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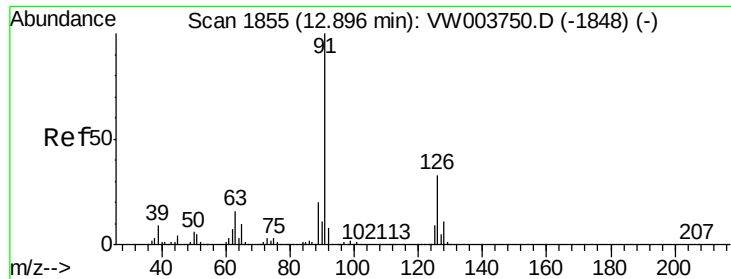
apatel
7/12/2018 10:58:56 AM



#78
n-propylbenzene
Concen: 57.606 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.6





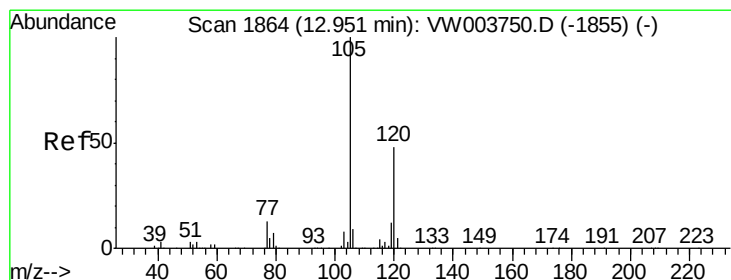
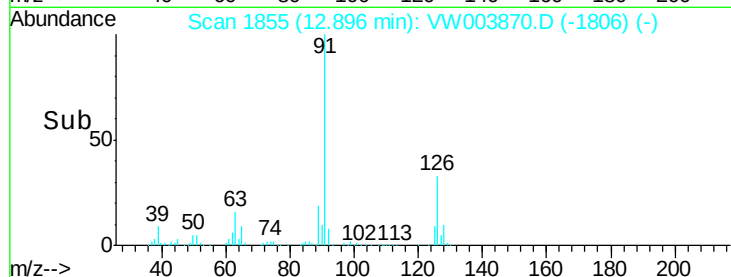
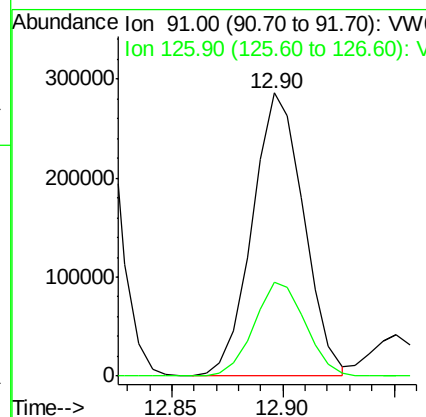
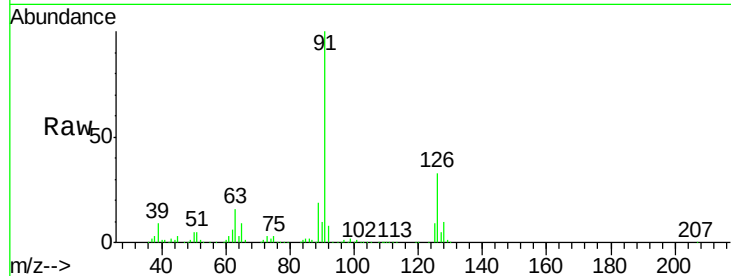
#79
 2-Chlorotoluene
 Concen: 55.441 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 458115
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0

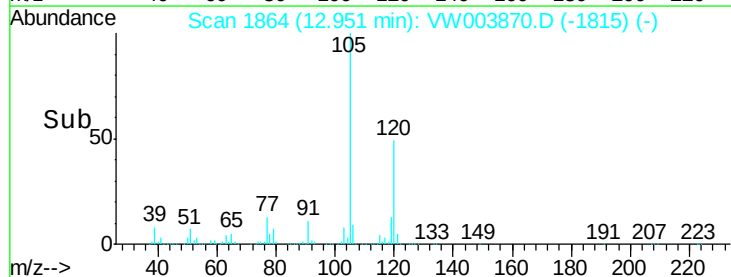
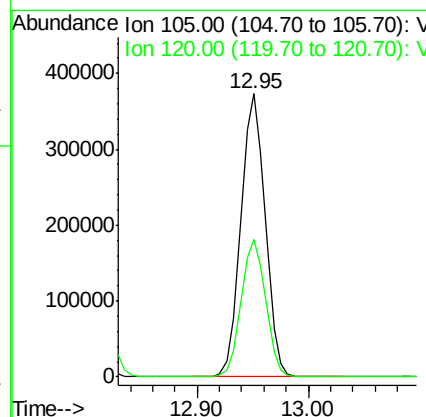
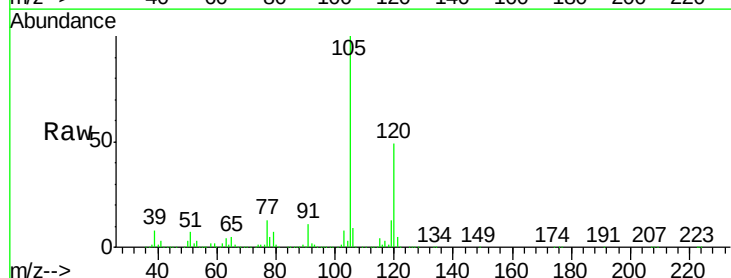
Manual Integrations
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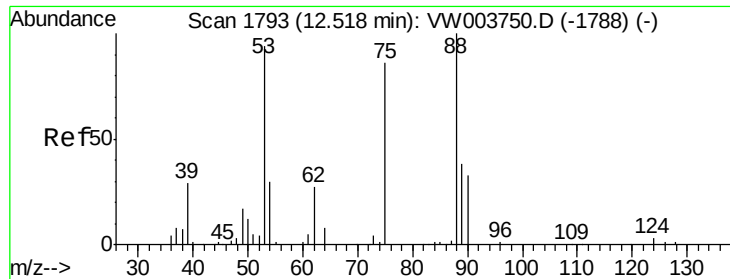
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 57.025 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion: 105 Resp: 563127
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.2 72.6





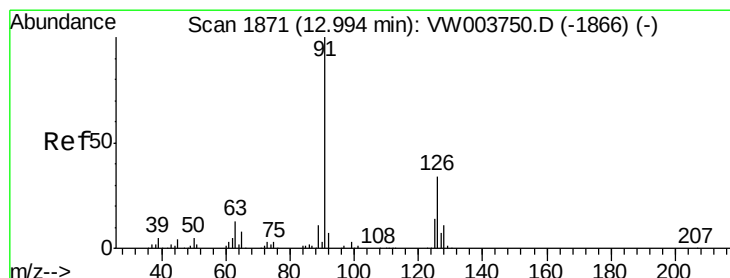
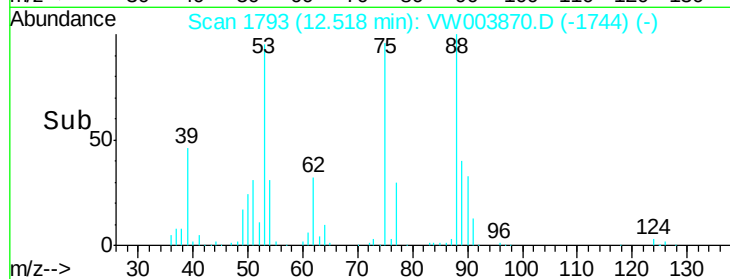
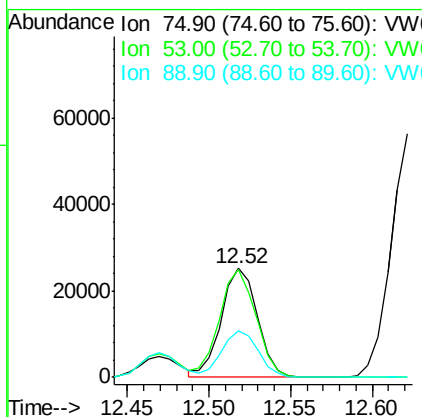
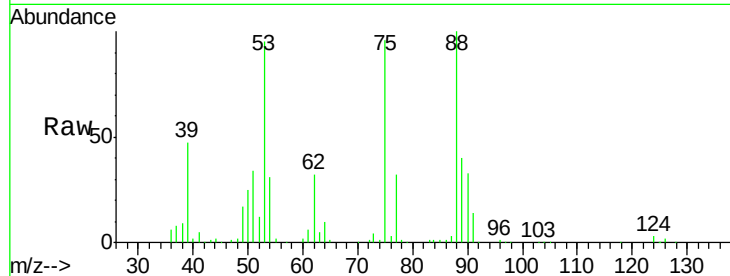
#81
trans-1,4-Dichloro-2-butene
Concen: 56.830 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	85.0	127.6
89	43.6	36.3	54.5

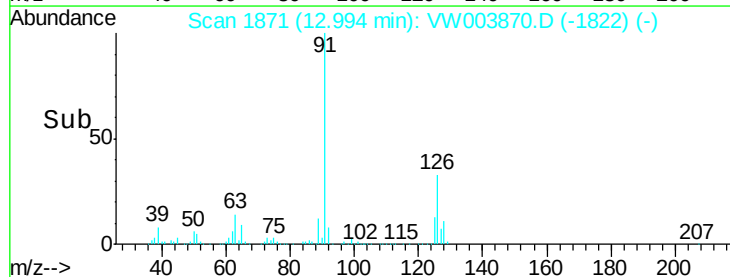
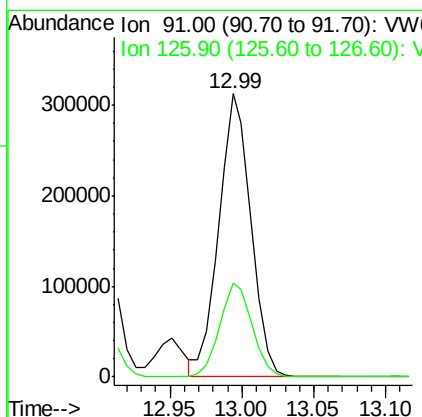
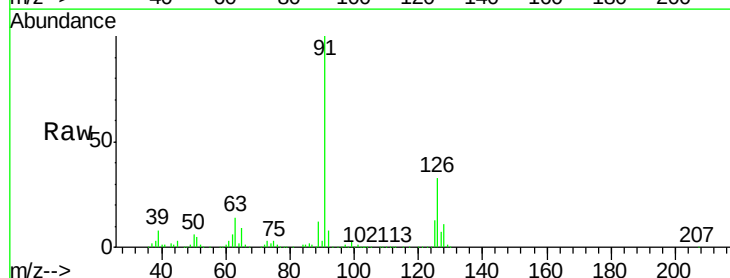
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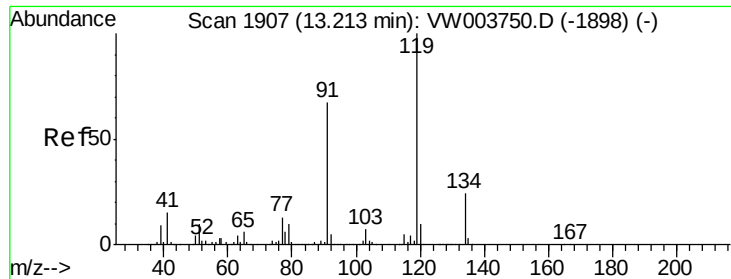
apatel
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#82
4-Chlorotoluene
Concen: 54.719 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.5	49.5





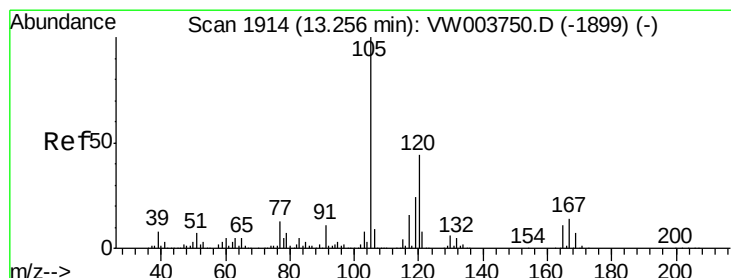
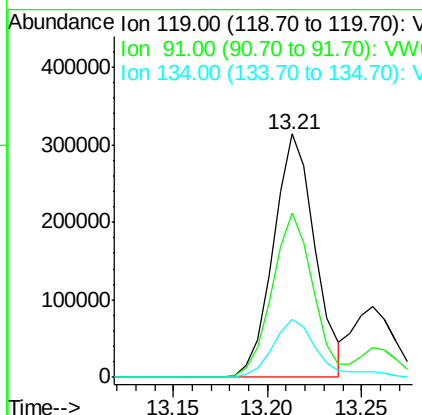
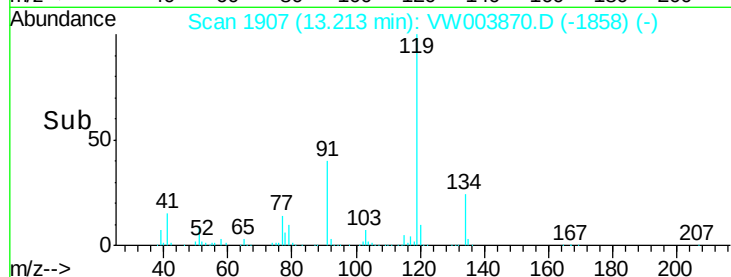
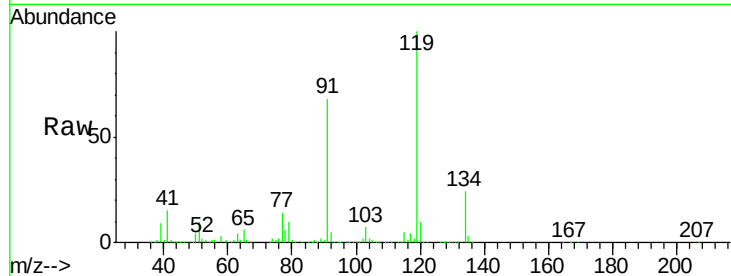
#83
 tert-Butylbenzene
 Concen: 58.790 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.0	98.9
134	26.2	12.8	38.4

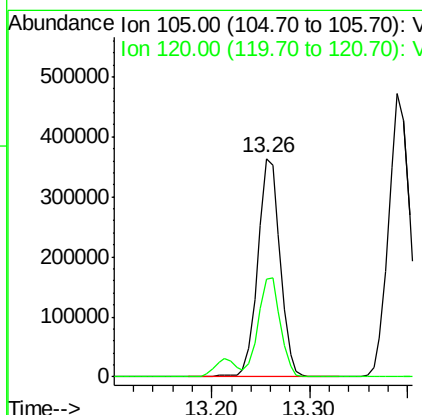
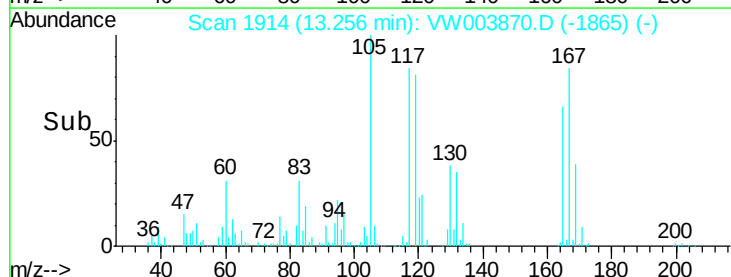
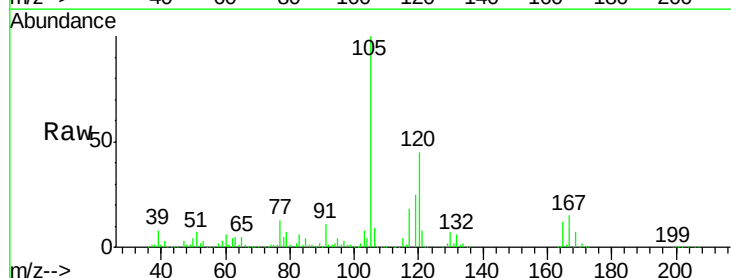
Manual Integrations
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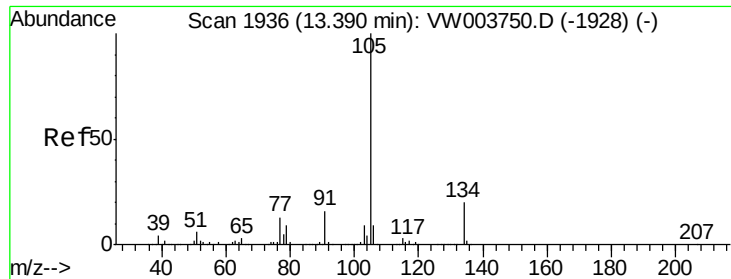
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.927 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.0	66.0





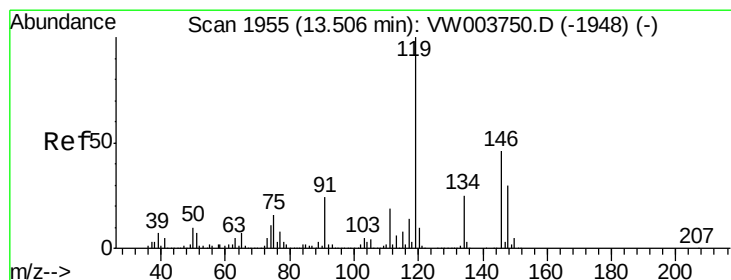
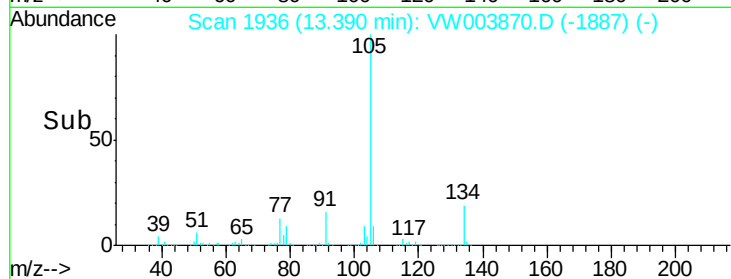
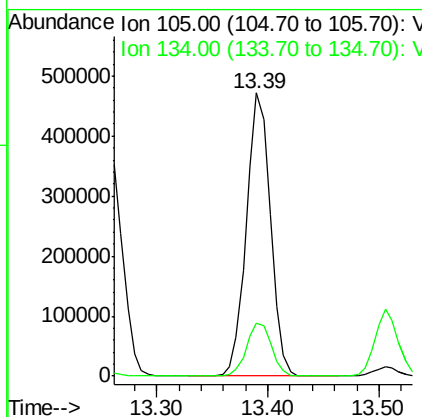
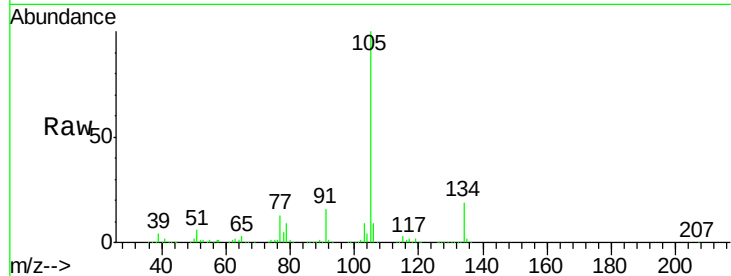
#85
 sec-Butylbenzene
 Concen: 58.184 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

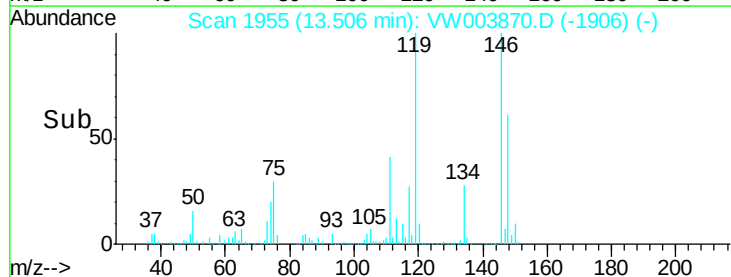
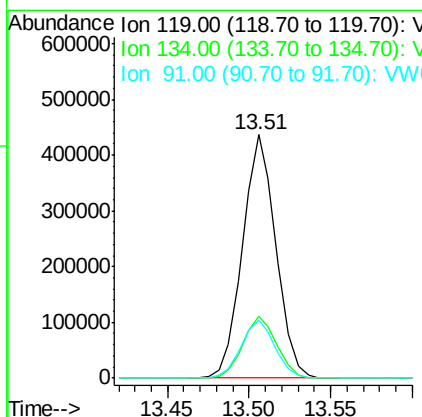
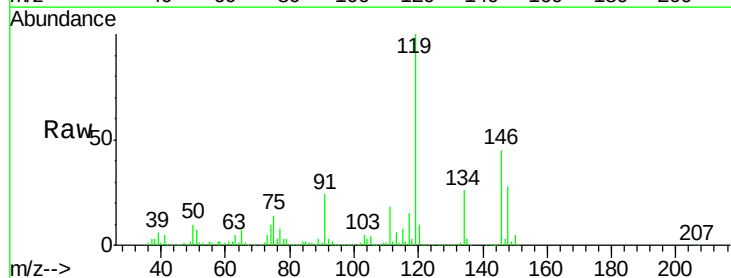
Manual Integrations
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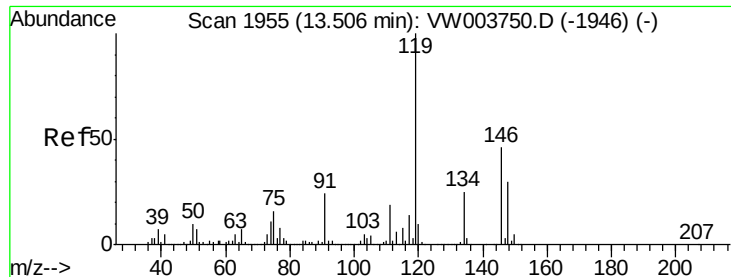
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#86
 p-Isopropyltoluene
 Concen: 58.195 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.1
91	24.0	11.9	35.9





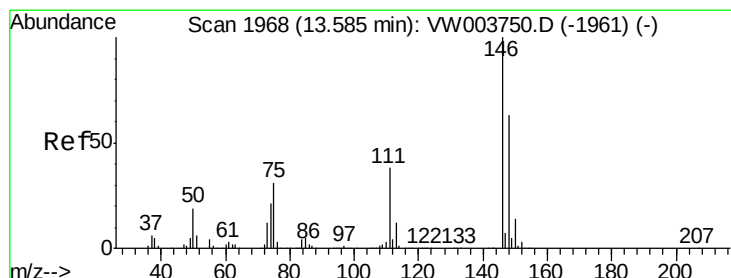
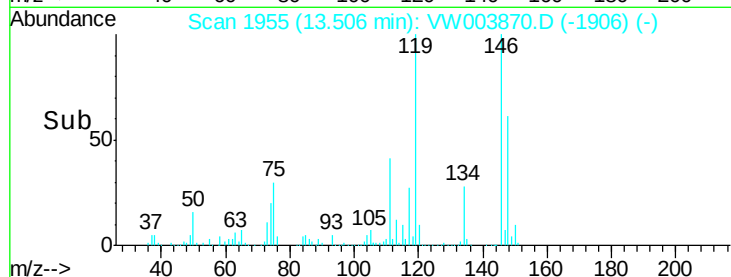
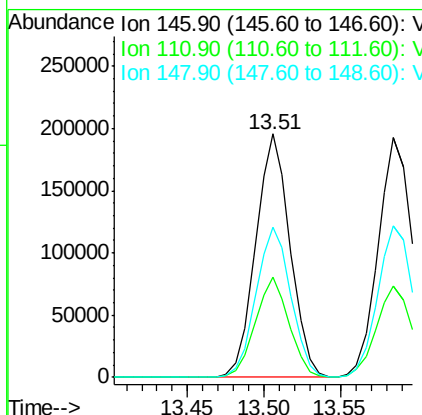
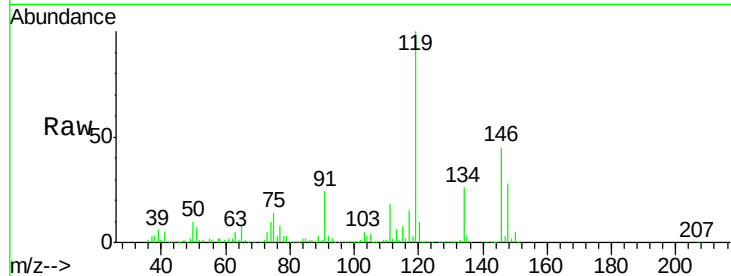
#87
 1,3-Dichlorobenzene
 Concen: 52.975 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	305298		
111	40.2	20.2	60.5	
148	62.6	31.9	95.7	

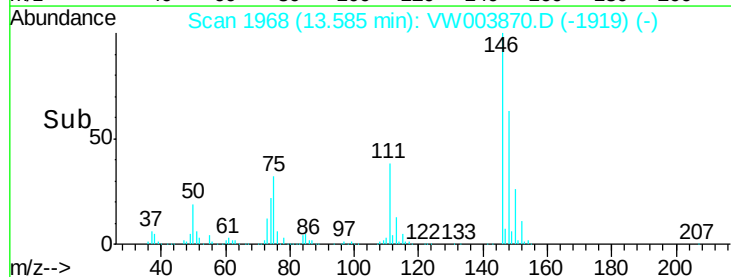
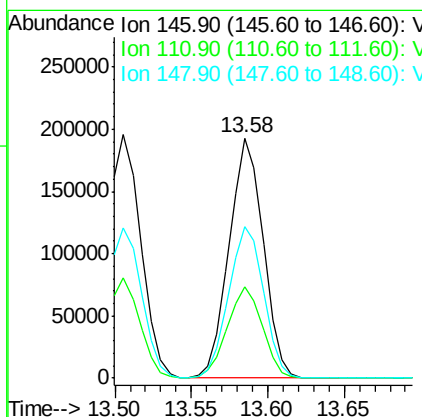
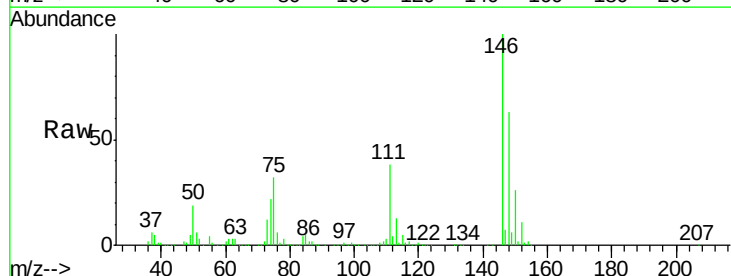
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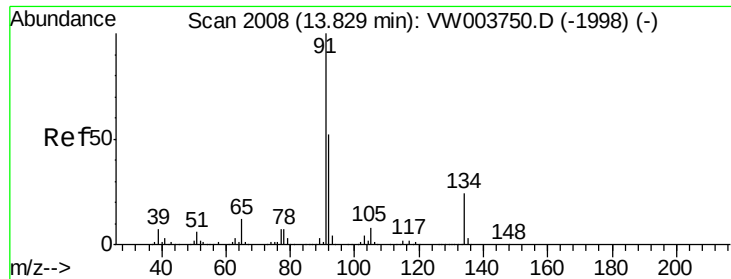
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 51.590 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	298975		
111	39.2	19.4	58.4	
148	64.6	31.9	95.7	





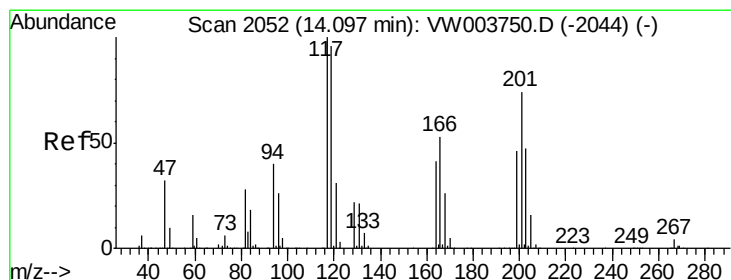
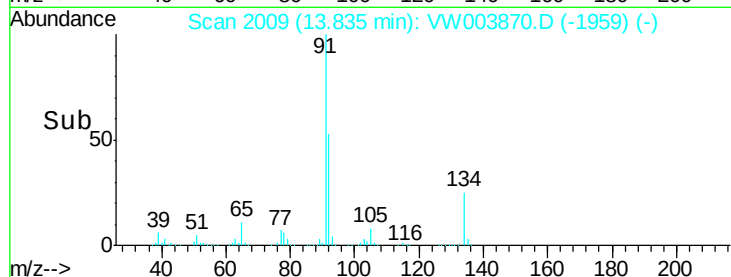
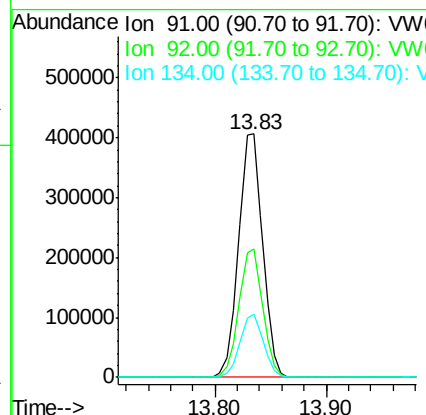
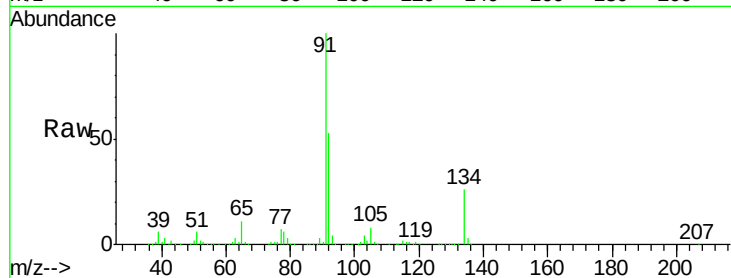
#89
n-Butylbenzene
Concen: 58.090 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.3
134	25.4	12.4	37.4

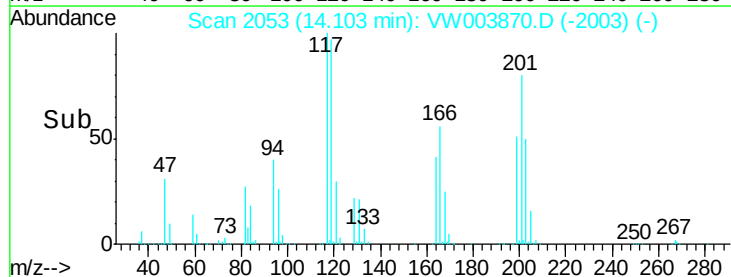
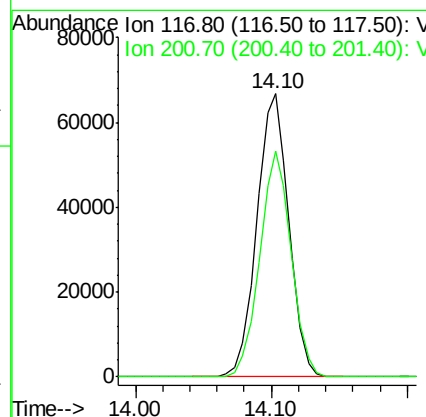
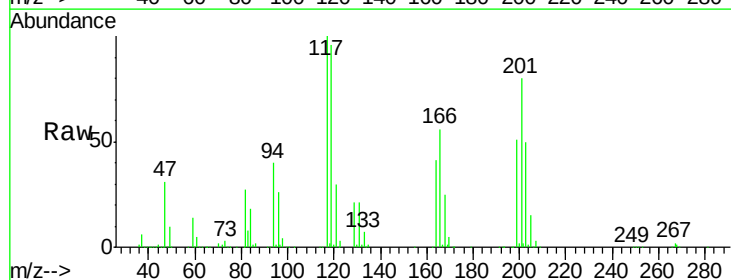
Manual Integrations
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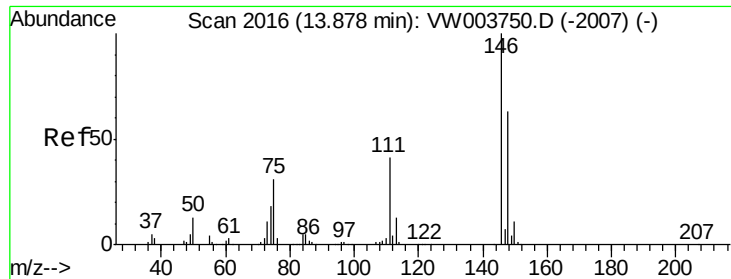
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#90
Hexachloroethane
Concen: 53.467 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003870.D
Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.3	39.2	117.6





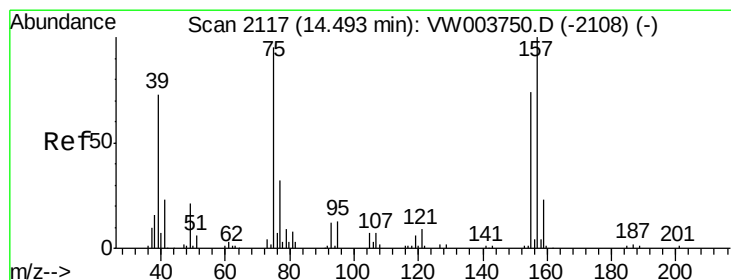
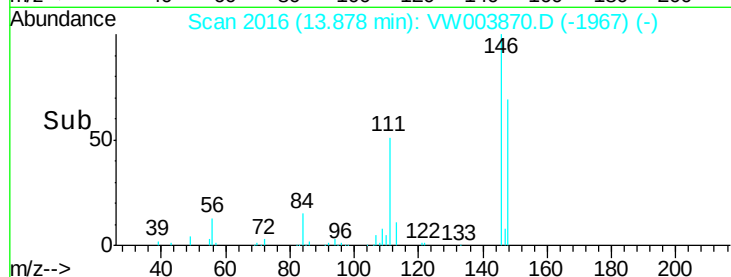
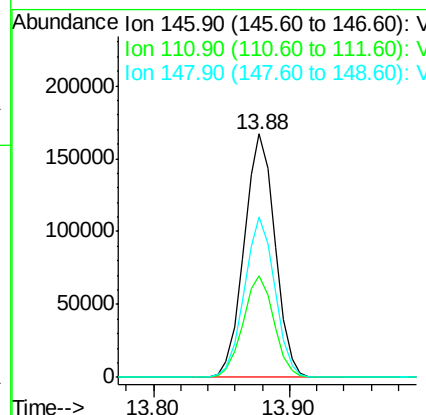
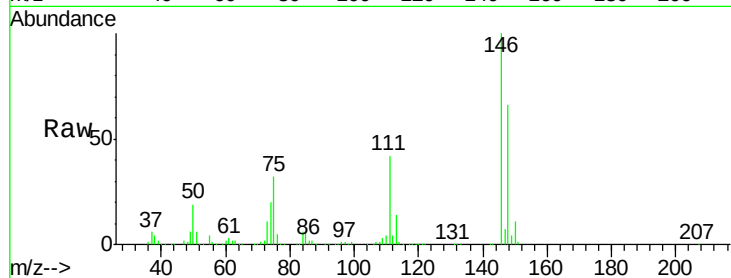
#91
 1,2-Dichlorobenzene
 Concen: 51.175 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	65.0	31.9	95.9

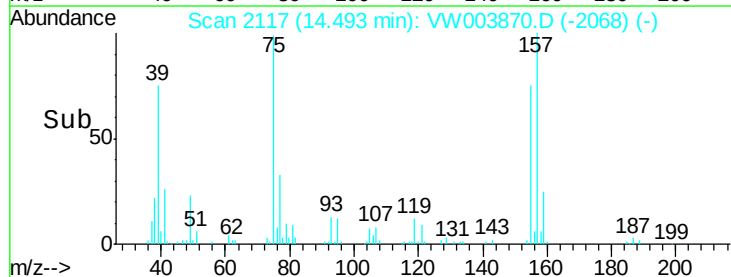
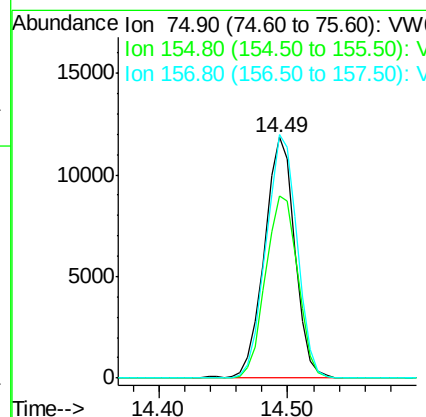
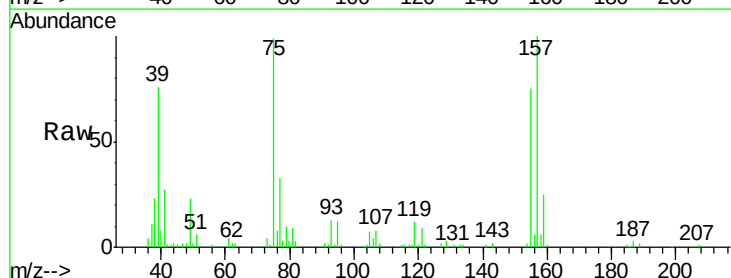
Manual Integrations
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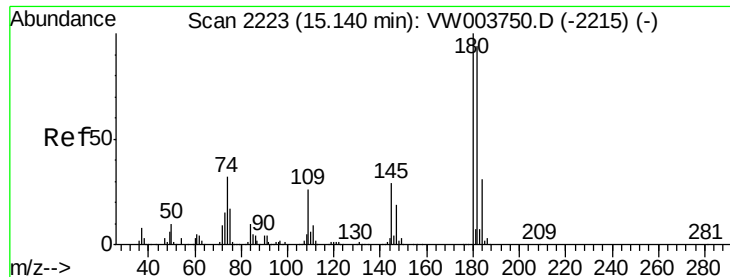
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.102 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.2	117.6
157	103.5	50.7	152.1





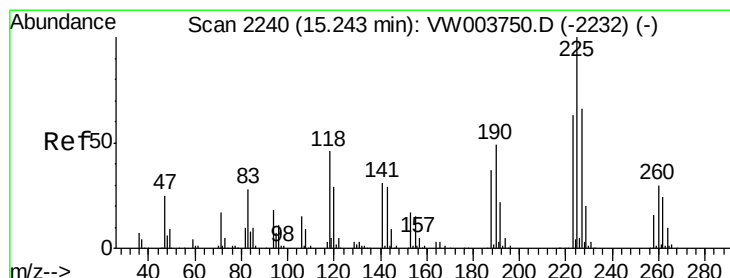
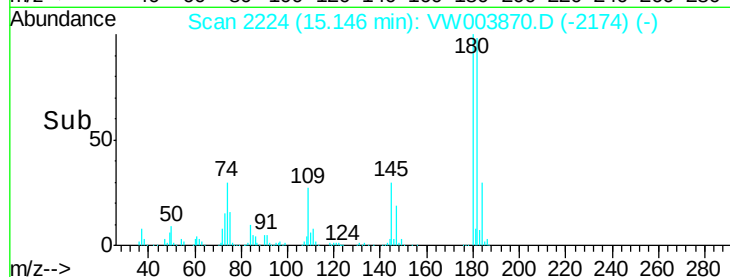
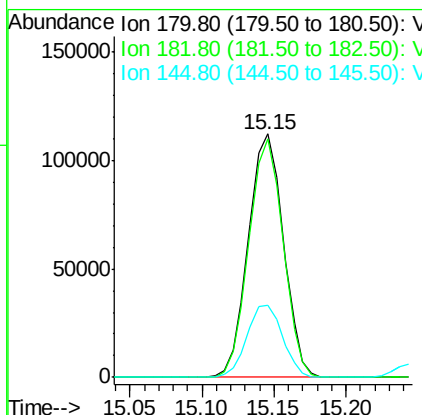
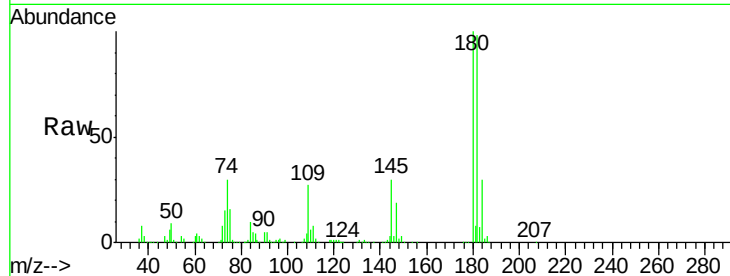
#93
 1,2,4-Trichlorobenzene
 Concen: 53.833 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	189010		
182	95.8	47.4	142.2	
145	30.2	15.0	45.0	

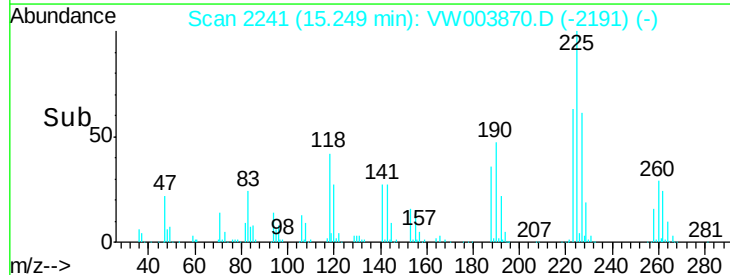
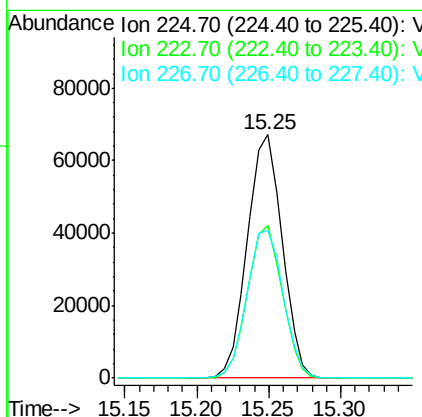
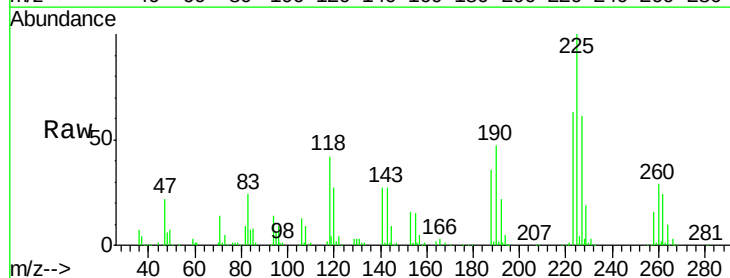
Manual Integrations
 APPROVED

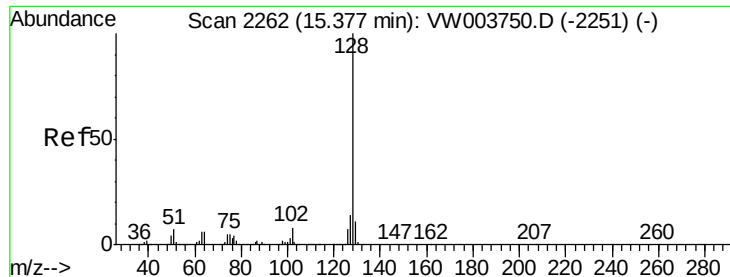
apatel
 7/12/2018 10:58:56 AM



#94
 Hexachlorobutadiene
 Concen: 56.126 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003870.D
 Acq: 11 Jul 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112718		
223	62.3	32.6	97.7	
227	62.9	32.5	97.5	





#95

Naphthalene

Concen: 55.363 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Instrument :

MSVOA_W

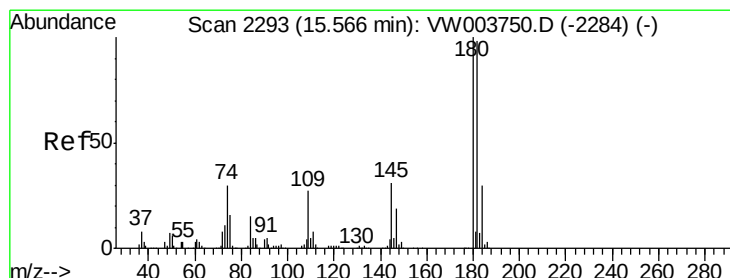
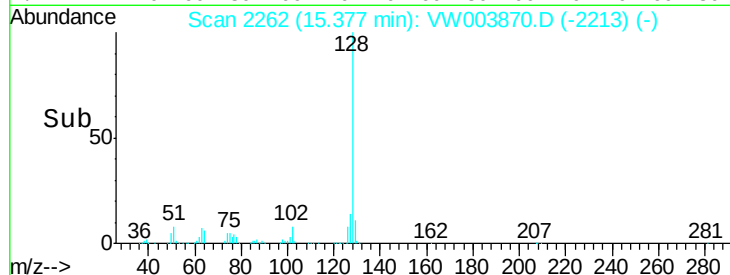
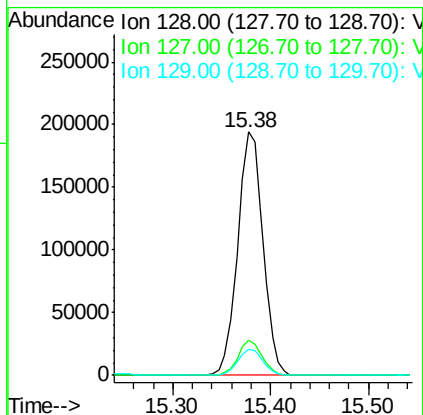
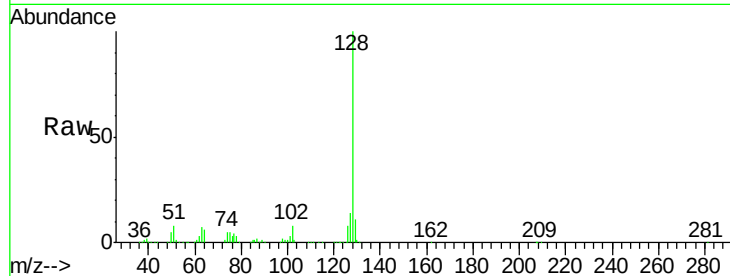
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	347405
Ion Ratio		Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.7	8.6	13.0

Manual Integrations
APPROVED

apatel
7/12/2018 10:58:56 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.975 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003870.D

Acq: 11 Jul 2018 17:57

Tgt Ion:	180	Resp:	166540
Ion Ratio		Lower	Upper
180	100		
182	95.1	47.4	142.3
145	32.7	15.8	47.4

