

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007823.D
 Acq On : 22 Dec 2018 05:22
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:59:42 AM

Quant Time: Dec 23 23:57:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41084	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
35) Dibromofluoromethane	7.88	113	37649	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.32	98	145116	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.62	95	55857	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28437	45.871	ug/l	99
3) Chloromethane	2.22	50	24984	65.631	ug/l	97
4) Vinyl Chloride	2.37	62	28917	59.674	ug/l	90
5) Bromomethane	2.78	94	20322	60.210	ug/l	99
6) Chloroethane	2.93	64	16802	64.810	ug/l	94
7) Trichlorofluoromethane	3.26	101	22403	44.406	ug/l	95
8) Diethyl Ether	3.68	74	17370	56.212	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35166	47.329	ug/l	99
10) Methyl Iodide	4.26	142	60615	51.299	ug/l	96
11) Tert butyl alcohol	5.18	59	14281	276.979	ug/l	98
12) 1,1-Dichloroethene	4.04	96	35263	51.253	ug/l	95
13) Acrolein	3.89	56	9955	241.479	ug/l	98
14) Allyl chloride	4.66	41	50350	55.805	ug/l	93
15) Acrylonitrile	5.36	53	38089	288.960	ug/l	98
16) Acetone	4.12	43	31620	220.922	ug/l	93
17) Carbon Disulfide	4.38	76	101045	47.459	ug/l	100
18) Methyl Acetate	4.67	43	22347	65.651	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	58474	59.200	ug/l	97
20) Methylene Chloride	4.92	84	38118	53.724	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	39732	52.508	ug/l	97
22) Diisopropyl ether	6.31	45	99662	58.992	ug/l	99
23) Vinyl Acetate	6.25	43	279864	278.823	ug/l	99
24) 1,1-Dichloroethane	6.21	63	67195	54.066	ug/l	98
25) 2-Butanone	7.17	43	45440	271.050	ug/l	95
26) 2,2-Dichloropropane	7.17	77	39425	43.350	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	43674	54.174	ug/l	98
28) Bromochloromethane	7.51	49	25530	60.248	ug/l #	94
29) Tetrahydrofuran	7.53	42	31210	312.109	ug/l	96
30) Chloroform	7.67	83	72786	51.749	ug/l	100
31) Cyclohexane	7.95	56	55735	48.985	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	61450	47.971	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55299	48.609	ug/l	99
37) Ethyl Acetate	7.25	43	21431	54.585	ug/l	97
38) Carbon Tetrachloride	8.07	117	57003	42.546	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67823	47.978	ug/l	99
40) Benzene	8.32	78	153564	50.585	ug/l	99
41) Methacrylonitrile	7.48	41	14243	63.896	ug/l	88
42) 1,2-Dichloroethane	8.40	62	49227	48.388	ug/l	99
43) Isopropyl Acetate	8.43	43	43659	55.505	ug/l	98
44) Trichloroethene	9.09	130	44354	48.313	ug/l	98
45) 1,2-Dichloropropane	9.37	63	36267	53.840	ug/l	96
46) Dibromomethane	9.46	93	20466	49.357	ug/l	99
47) Bromodichloromethane	9.65	83	51947	47.654	ug/l	98
48) Methyl methacrylate	9.44	41	21819	55.572	ug/l	96
49) 1,4-Dioxane	9.45	88	7569	1151.327	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	104951	282.325	ug/l	99
52) Toluene	10.39	92	101203	49.687	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	53503	49.344	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	59697	49.845	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29303	51.262	ug/l	96
56) Ethyl methacrylate	10.65	69	36971	54.740	ug/l	97
57) 1,3-Dichloropropane	10.93	76	50127	52.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92765	300.828	ug/l	99
59) 2-Hexanone	10.97	43	71481	273.421	ug/l	99
60) Dibromochloromethane	11.13	129	34948	46.173	ug/l	98
61) 1,2-Dibromoethane	11.24	107	29194	50.432	ug/l	99
64) Tetrachloroethene	10.86	164	39681	52.321	ug/l	97
65) Chlorobenzene	11.66	112	113738	49.065	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	40798	49.255	ug/l	98
67) Ethyl Benzene	11.73	91	201669	50.698	ug/l	98
68) m/p-Xylenes	11.84	106	154445	100.089	ug/l	99
69) o-Xylene	12.17	106	73480	50.801	ug/l	100
70) Styrene	12.18	104	120713	50.770	ug/l	99
71) Bromoform	12.35	173	19297	44.878	ug/l #	99
73) Isopropylbenzene	12.47	105	207945	51.651	ug/l	99
74) N-amyl acetate	12.27	43	40350	57.862	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	32176	53.305	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24716m	60.040	ug/l	
77) Bromobenzene	12.75	156	46443	50.337	ug/l	97
78) n-propylbenzene	12.81	91	239092	51.018	ug/l	99
79) 2-Chlorotoluene	12.90	91	141647	51.884	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	179338	51.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9171	46.764	ug/l	98
82) 4-Chlorotoluene	12.99	91	147653	50.794	ug/l	100
83) tert-Butylbenzene	13.21	119	157920	51.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	182625	52.117	ug/l	99
85) sec-Butylbenzene	13.39	105	213131	50.754	ug/l	100
86) p-Isopropyltoluene	13.50	119	193914	50.783	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	91869	50.150	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92555	50.509	ug/l	99
89) n-Butylbenzene	13.83	91	176342	50.368	ug/l	99
90) Hexachloroethane	14.10	117	30227	45.090	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	82909	50.549	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6292	50.757	ug/l	98

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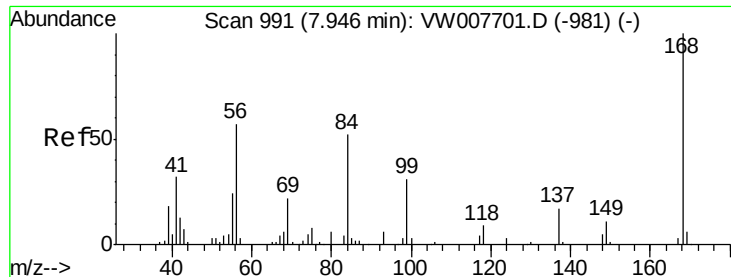
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57993	50.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	30517	50.156	ug/l	99
95) Naphthalene	15.37	128	119861	56.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	50801	52.126	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 69735

Ion Ratio Lower Upper

168 100

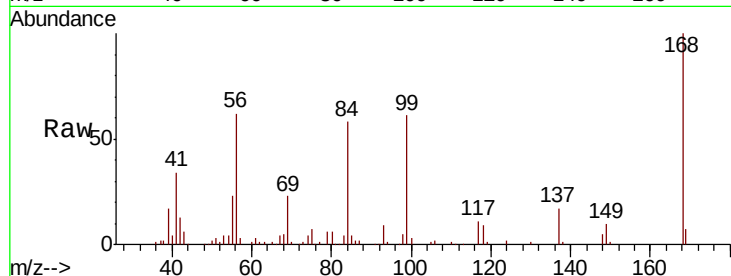
99 61.4 54.0 81.0

Manual Integrations

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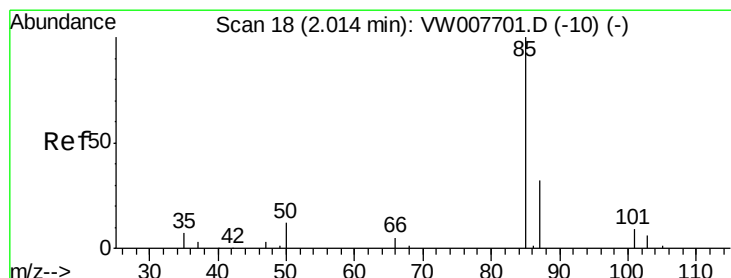
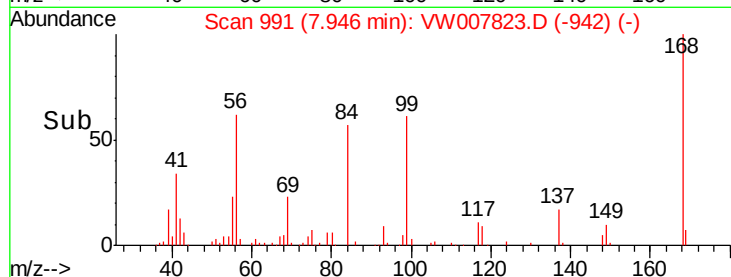
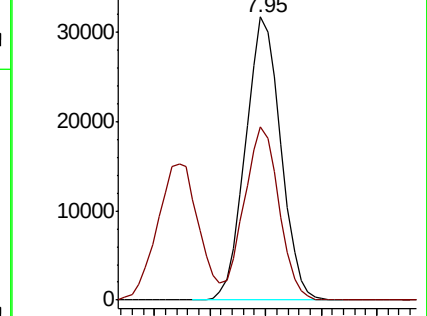
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.871 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007823.D

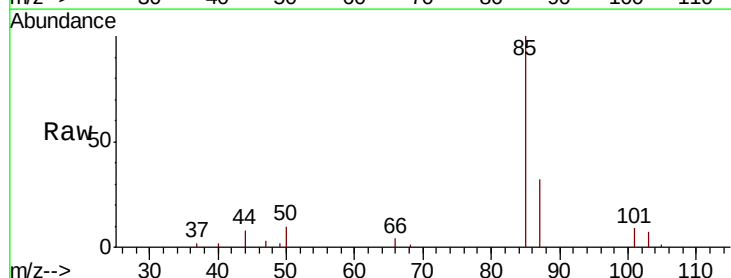
Acq: 22 Dec 2018 05:22

Tgt Ion: 85 Resp: 28437

Ion Ratio Lower Upper

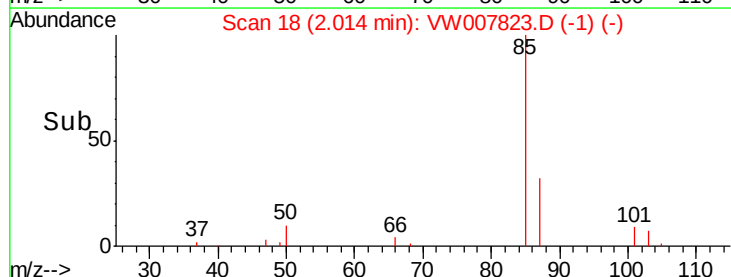
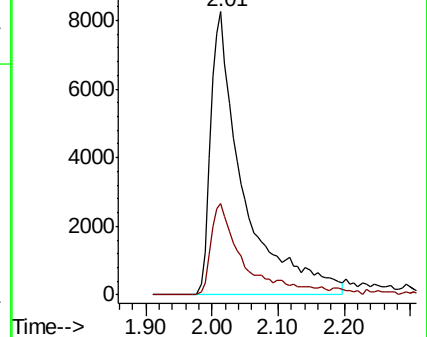
85 100

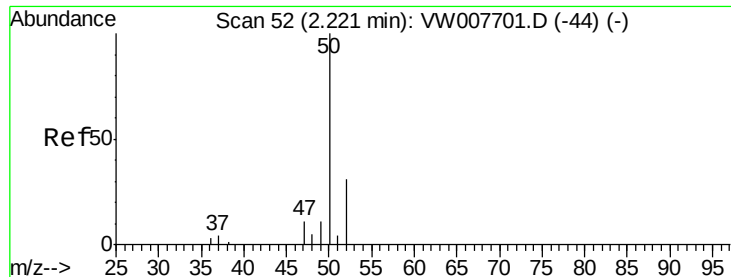
87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 65.631 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 24984

Ion Ratio Lower Upper

50 100

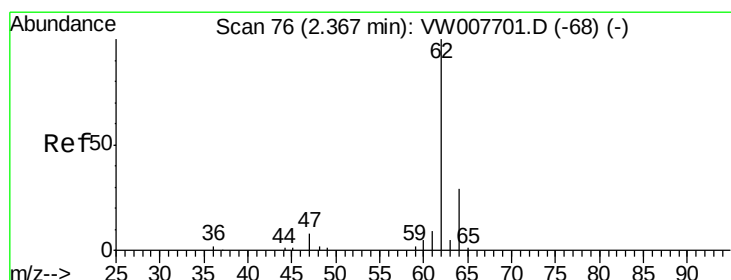
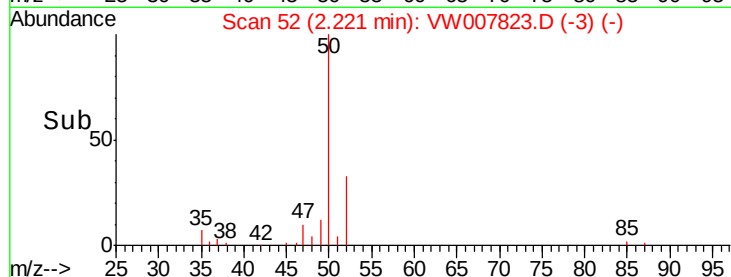
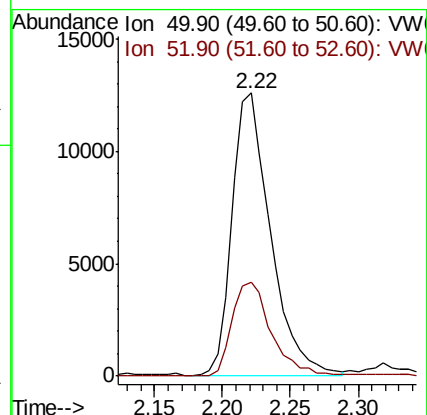
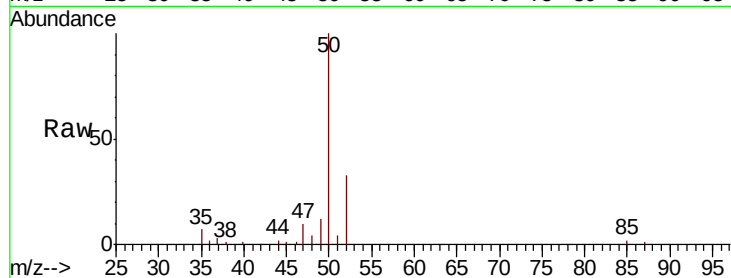
52 33.0 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 59.674 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007823.D

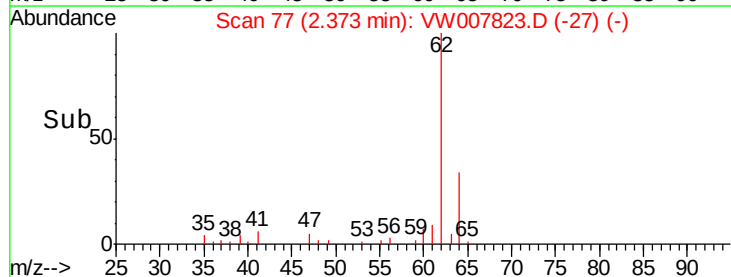
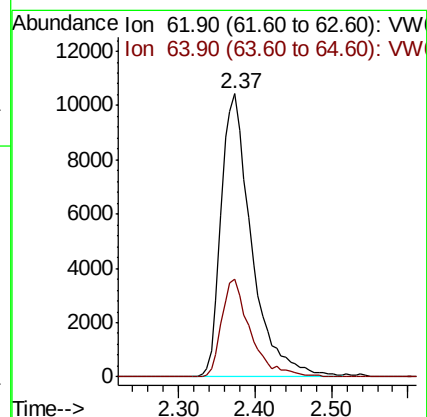
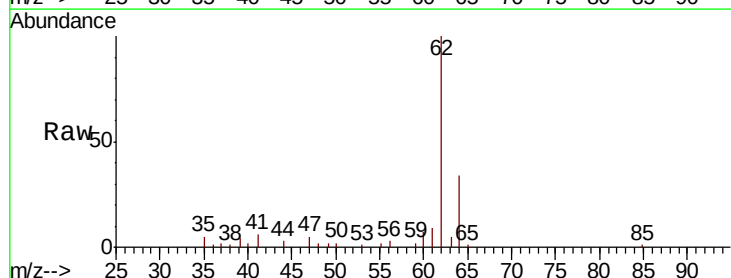
Acq: 22 Dec 2018 05:22

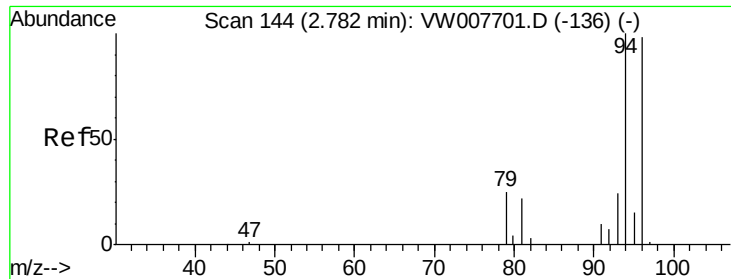
Tgt Ion: 62 Resp: 28917

Ion Ratio Lower Upper

62 100

64 34.5 23.4 35.0





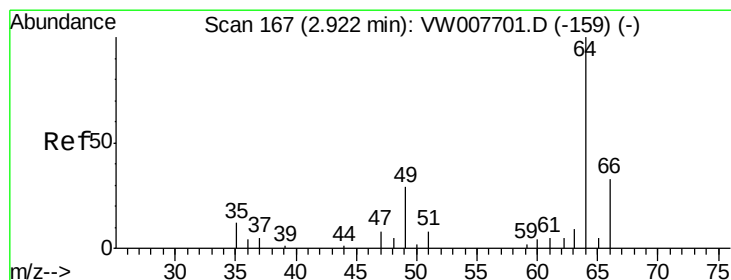
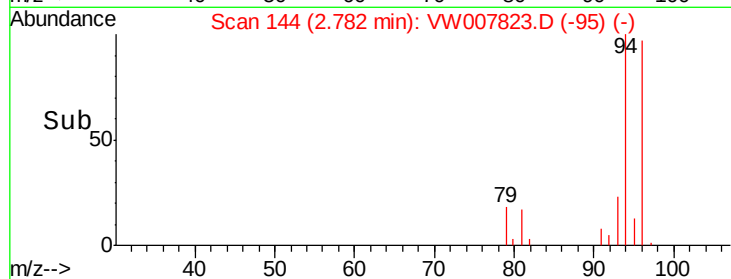
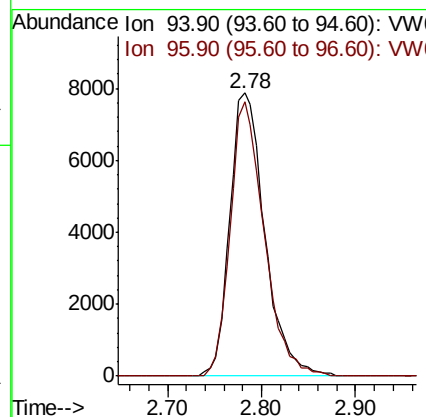
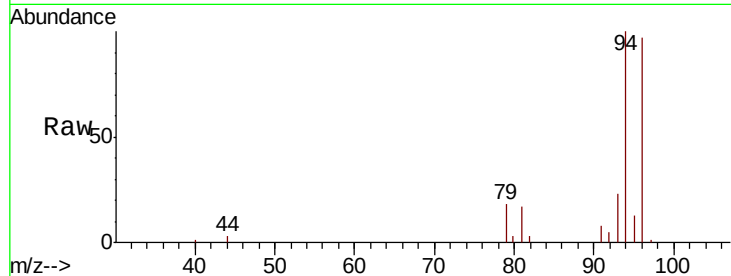
#5
Bromomethane
Concen: 60.210 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
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Tot Ion: 94 Resp: 20322
Ion Ratio Lower Upper
94 100
96 96.9 78.2 117.2

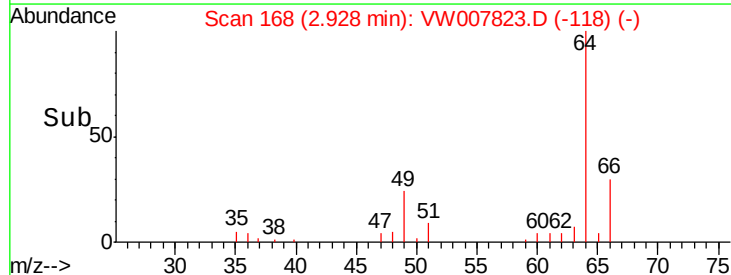
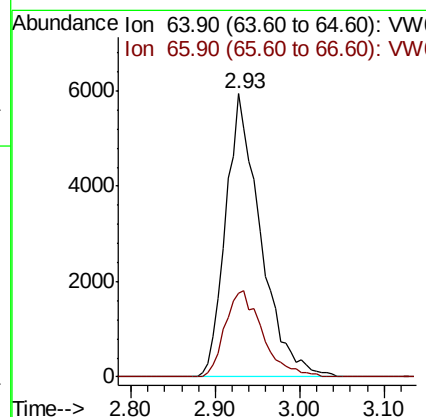
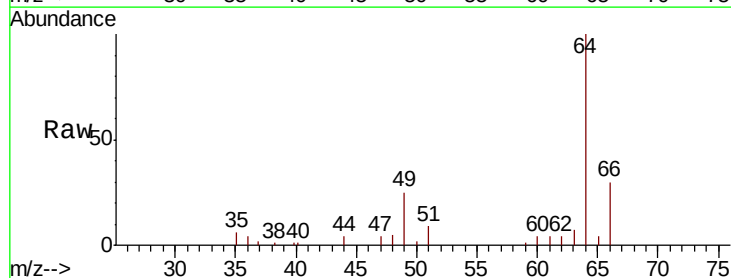
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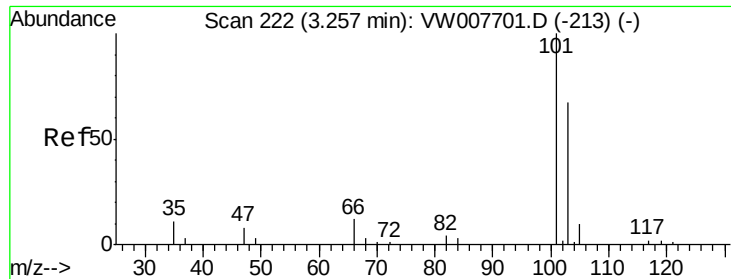
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#6
Chloroethane
Concen: 64.810 ug/l
RT: 2.93 min Scan# 168
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 64 Resp: 16802
Ion Ratio Lower Upper
64 100
66 29.6 26.2 39.4





#7

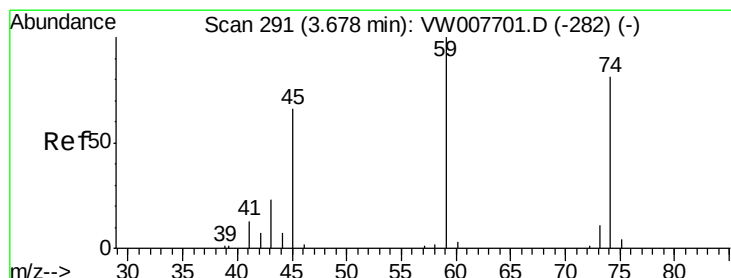
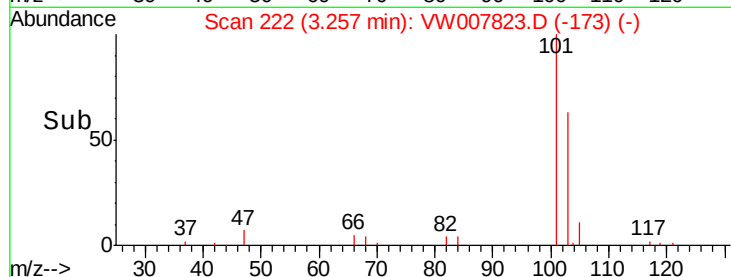
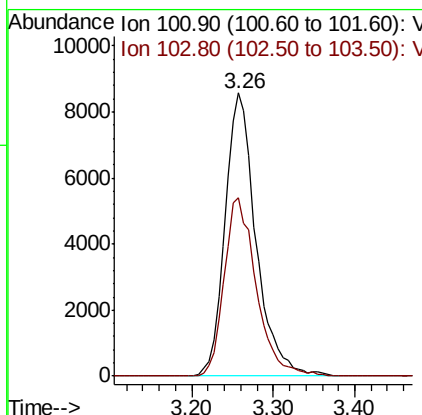
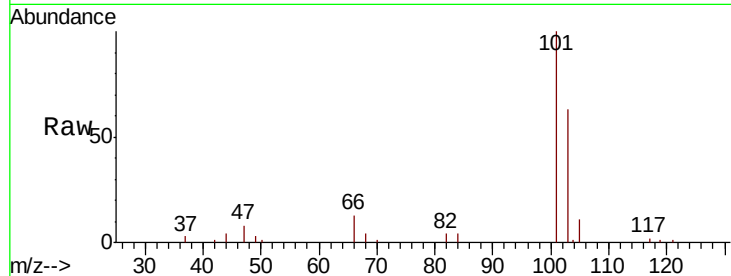
Trichlorofluoromethane
Concen: 44.406 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
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VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		22403		
103	62.9	53.4	80.2		

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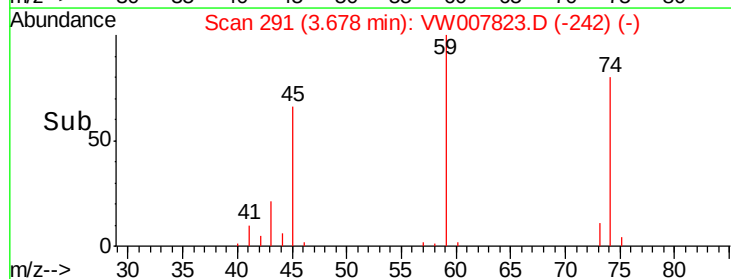
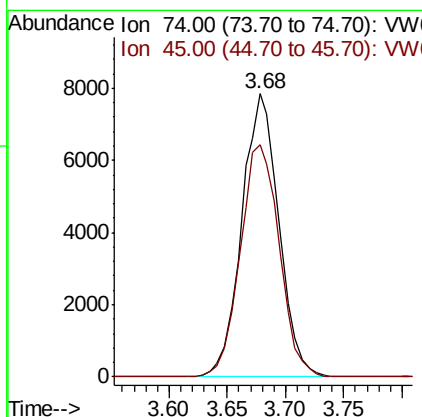
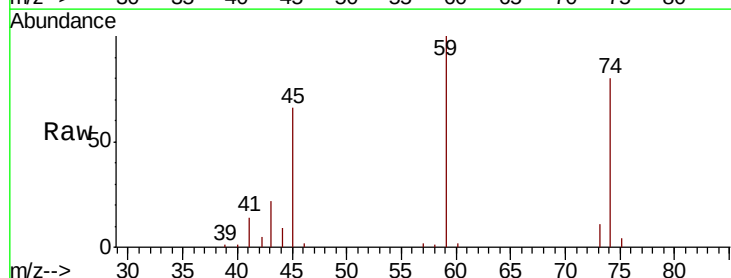
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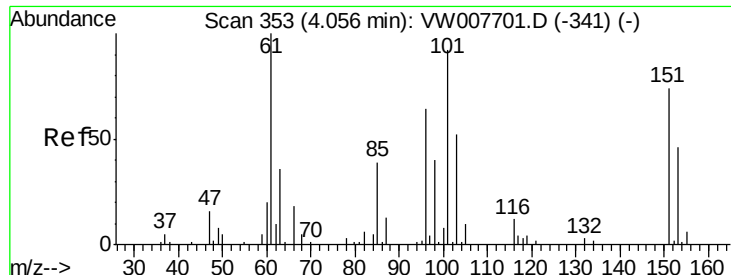


#8

Diethyl Ether
Concen: 56.212 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		17370		
45	86.6	39.4	118.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.329 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

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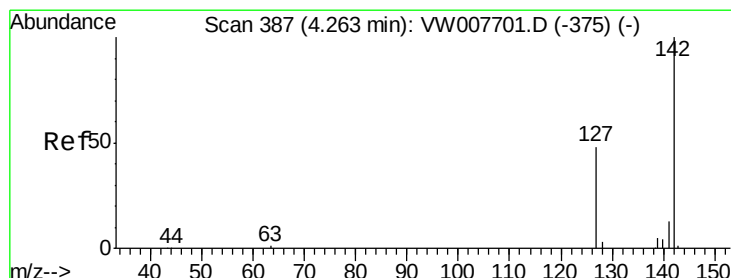
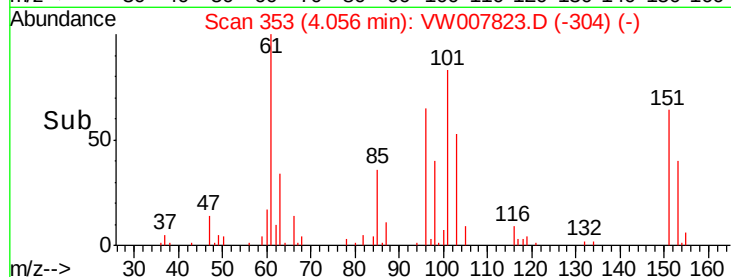
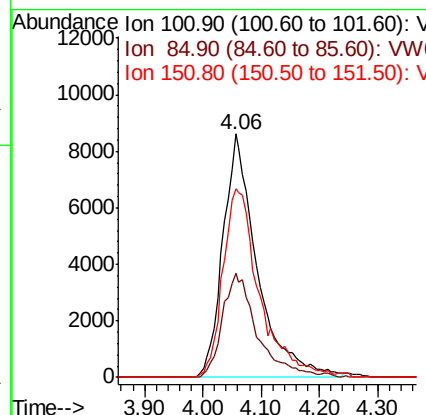
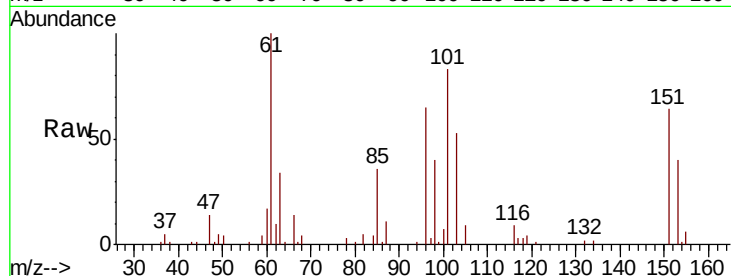
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	35166
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.3	51.5
151	82.4	64.6	96.8

Manual Integrations
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#10

Methyl Iodide

Concen: 51.299 ug/l

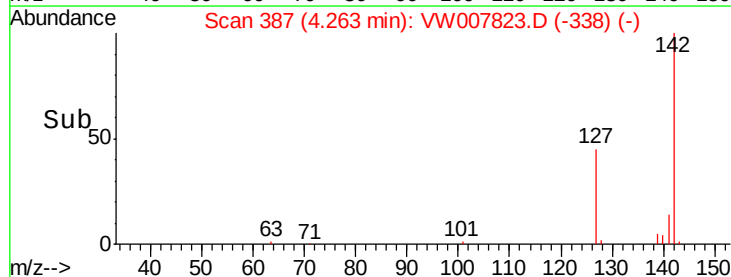
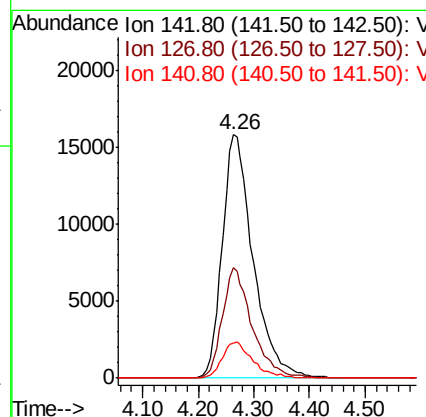
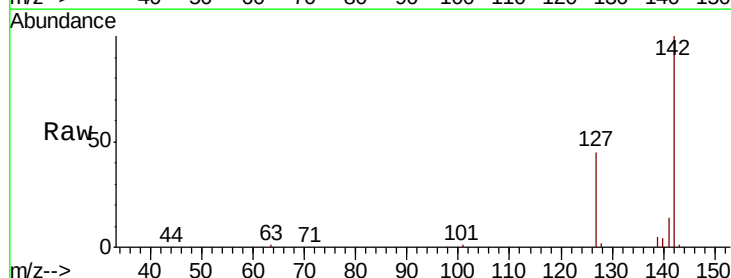
RT: 4.26 min Scan# 387

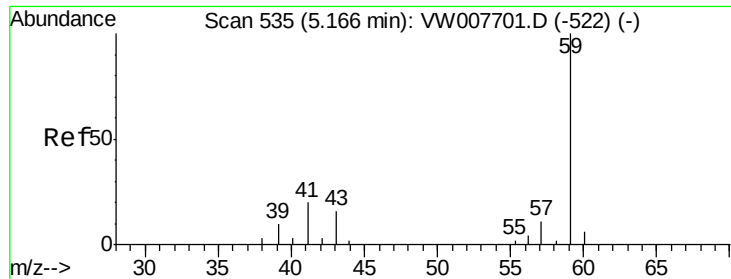
Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion:	142	Resp:	60615
Ion Ratio	Lower	Upper	
142	100		
127	43.7	37.7	56.5
141	14.7	11.5	17.3





#11

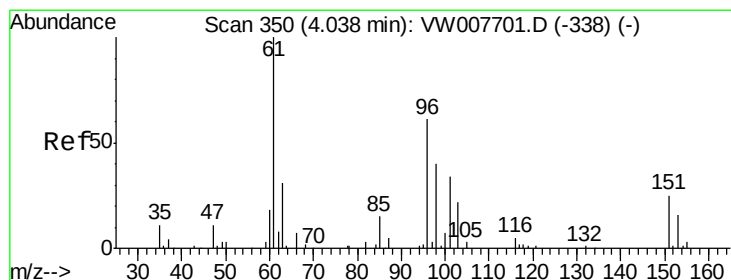
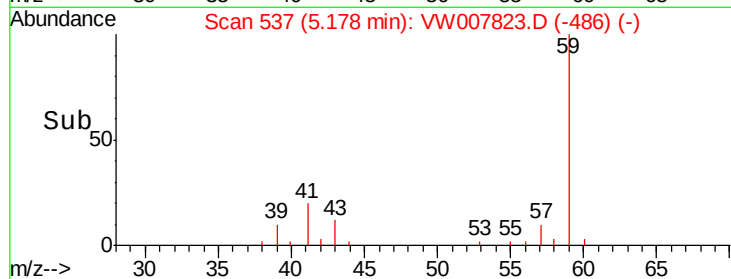
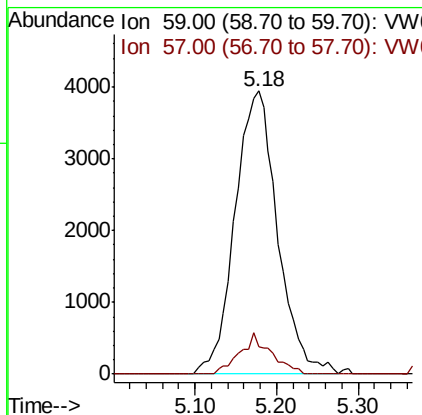
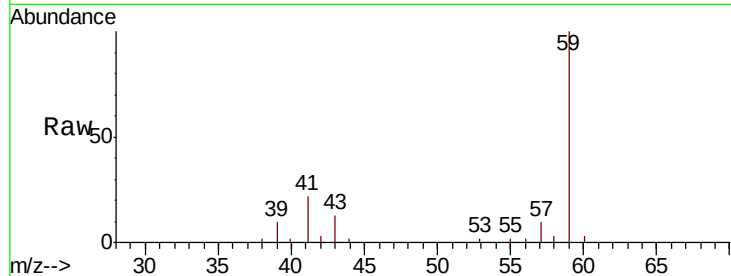
Tert butyl alcohol
 Concen: 276.979 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	10.6	Resp	14281	Lower	Upper
59	100								
57		10.6						7.8	11.8

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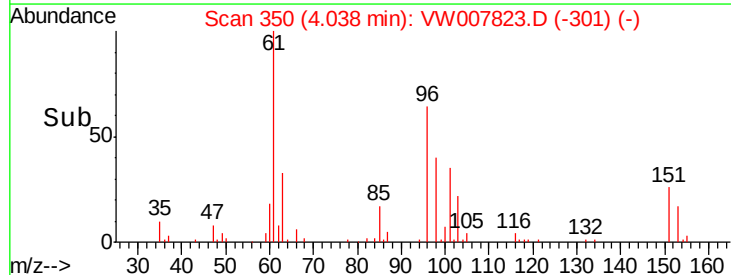
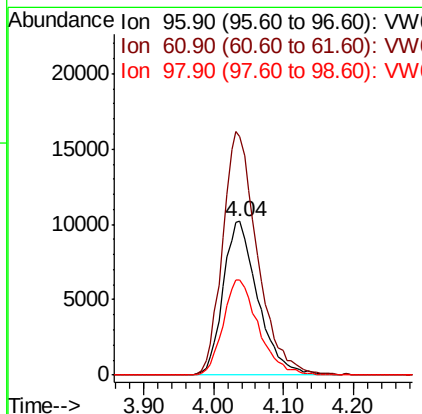
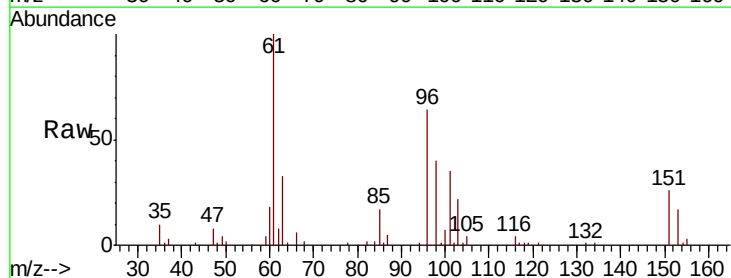
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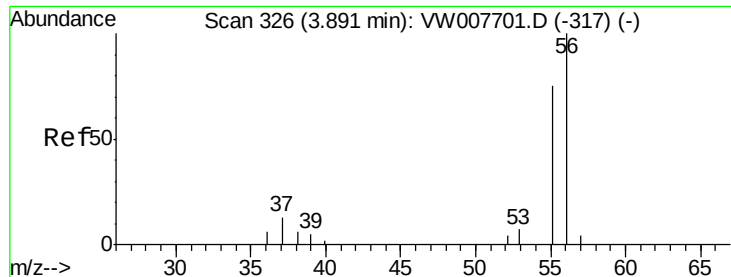


#12

1,1-Dichloroethene
 Concen: 51.253 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion	96	61	98	Ratio	100	155.3	62.1	Resp	35263	Lower	Upper
96	100										
61		155.3								130.6	195.8
98		62.1								52.3	78.5





#13

Acrolein

Concen: 241.479 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 9955

Ion Ratio Lower Upper

56 100

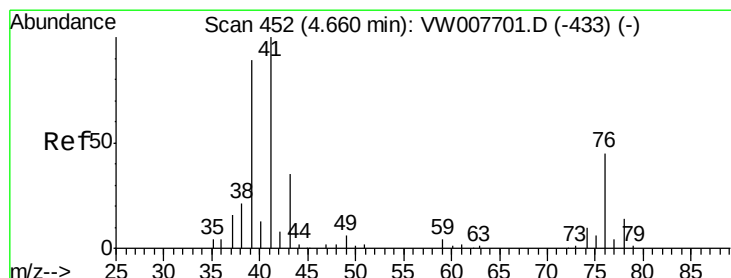
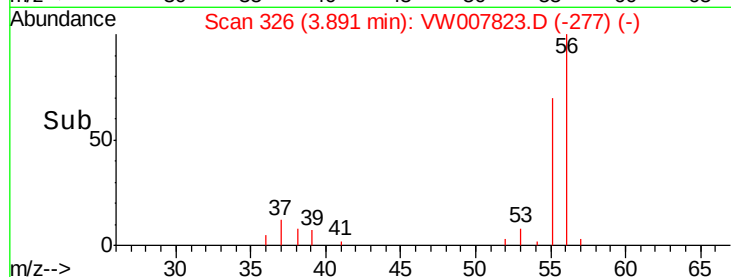
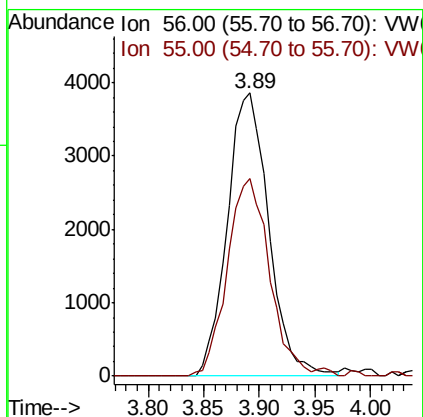
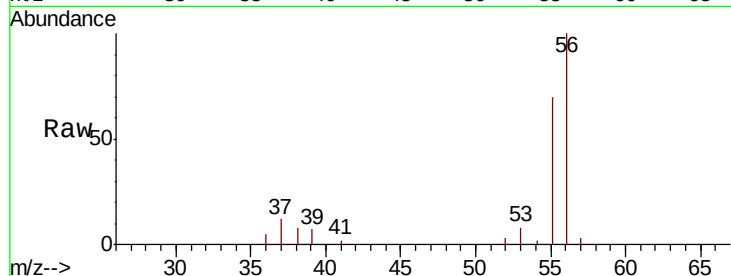
55 70.7 57.7 86.5

Manual Integrations

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#14

Allyl chloride

Concen: 55.805 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

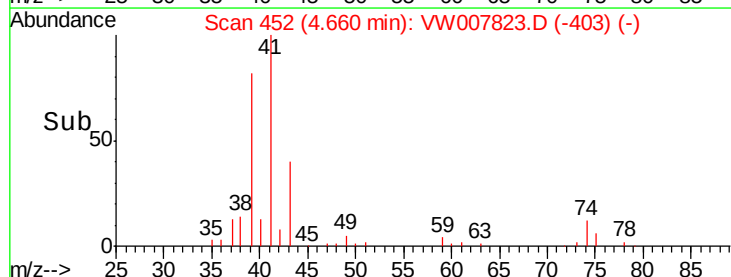
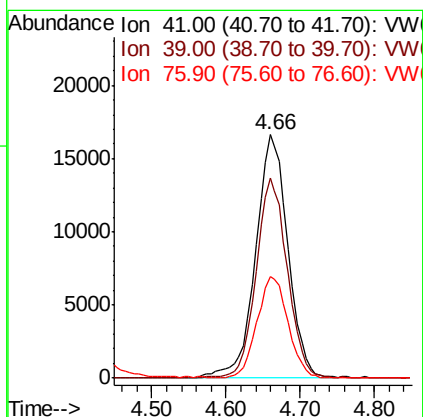
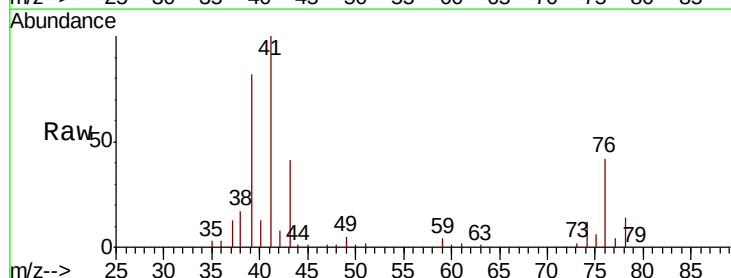
Tgt Ion: 41 Resp: 50350

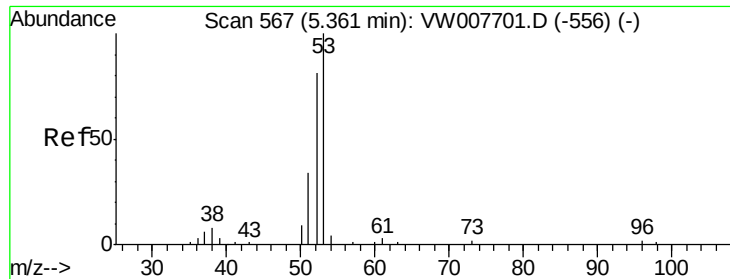
Ion Ratio Lower Upper

41 100

39 79.3 69.5 104.3

76 40.3 34.8 52.2





#15

Acrylonitrile

Concen: 288.960 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

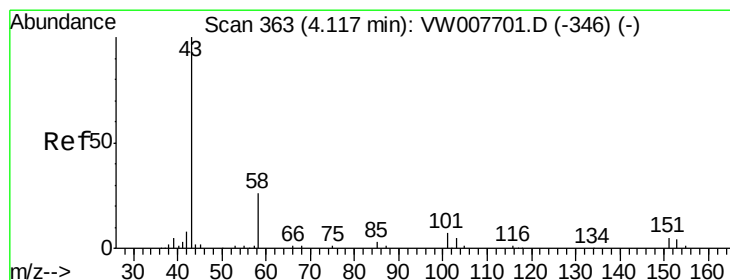
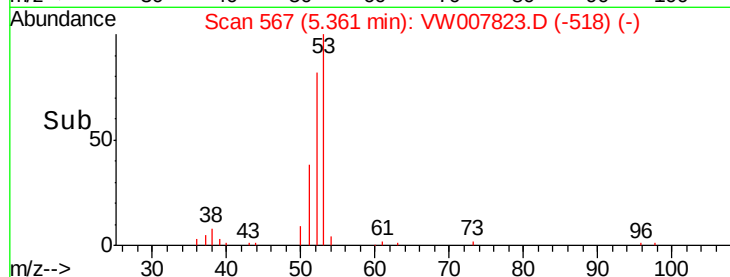
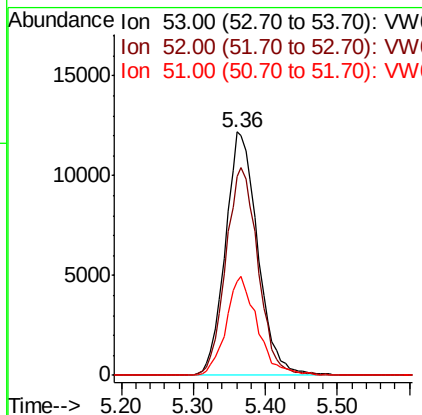
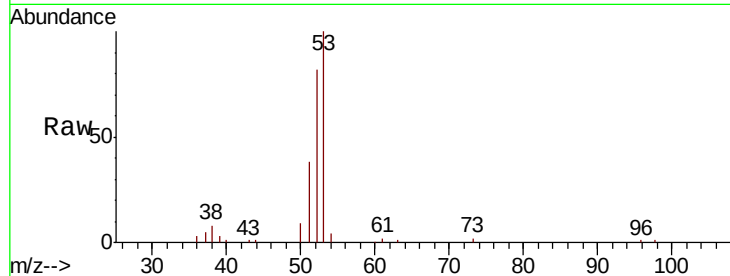
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	38089
Ion	Ratio	Lower	Upper
53	100		
52	84.8	67.0	100.4
51	39.1	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 220.922 ug/l

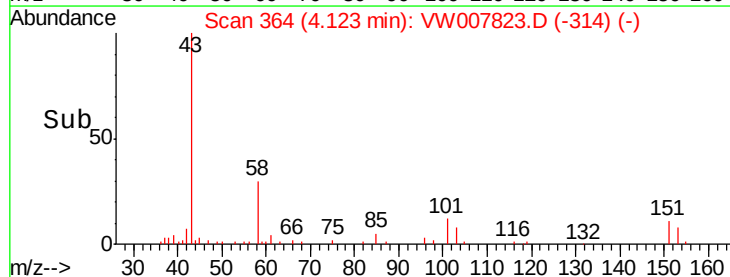
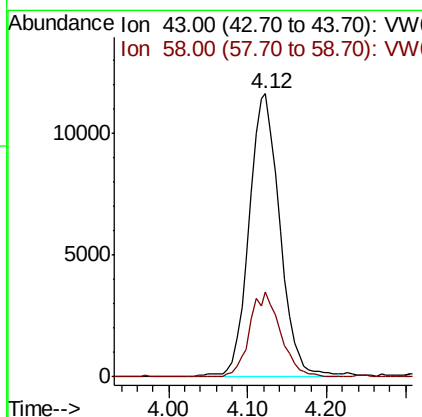
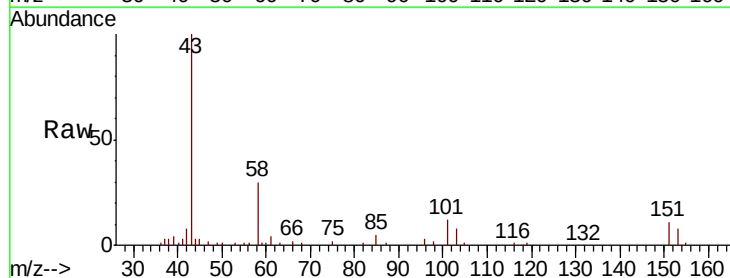
RT: 4.12 min Scan# 364

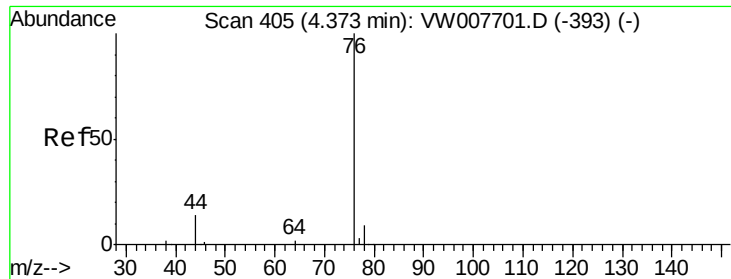
Delta R.T. 0.01 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion:	43	Resp:	31620
Ion	Ratio	Lower	Upper
43	100		
58	30.1	21.2	31.8





#17

Carbon Disulfide

Concen: 47.459 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 101045

Ion Ratio Lower Upper

76 100

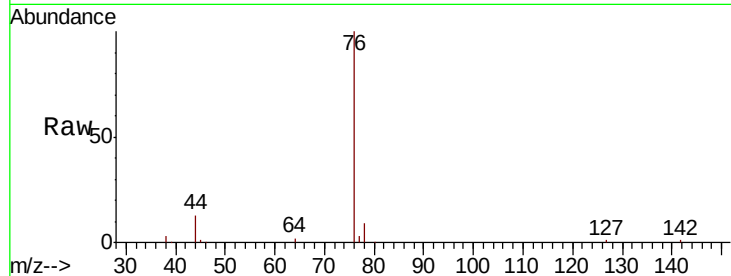
78 9.1 7.3 10.9

Manual Integrations

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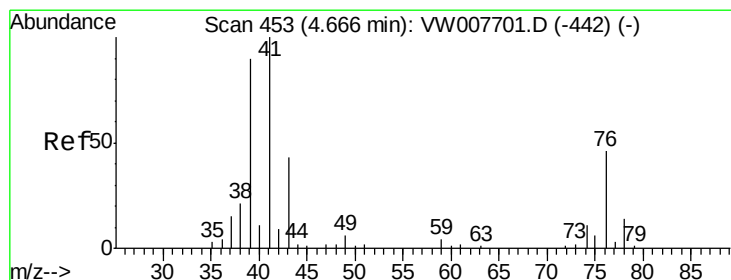
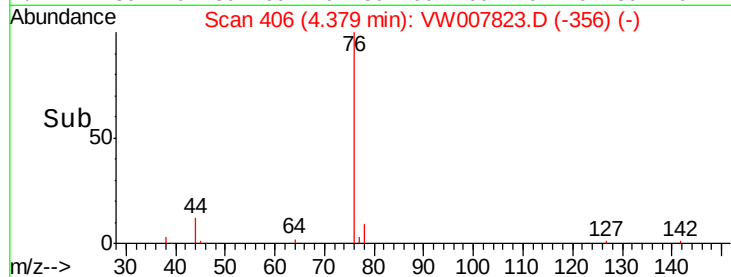
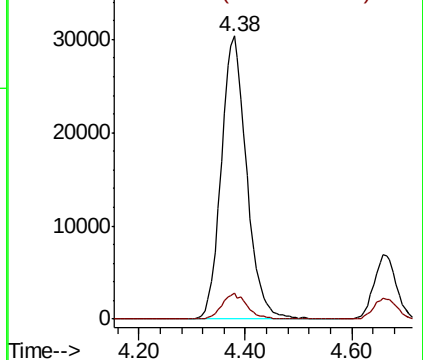
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 65.651 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007823.D

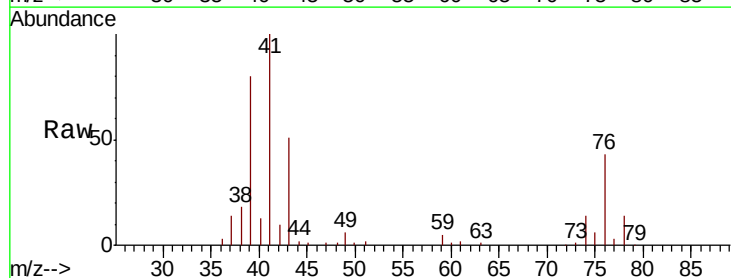
Acq: 22 Dec 2018 05:22

Tgt Ion: 43 Resp: 22347

Ion Ratio Lower Upper

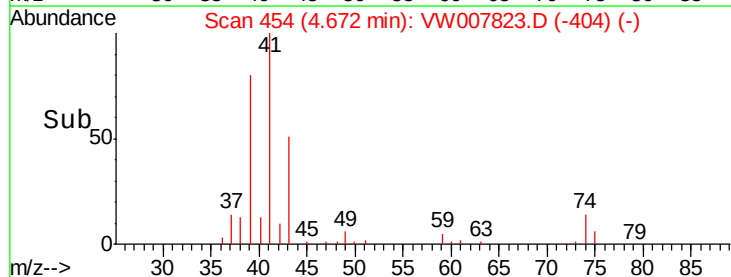
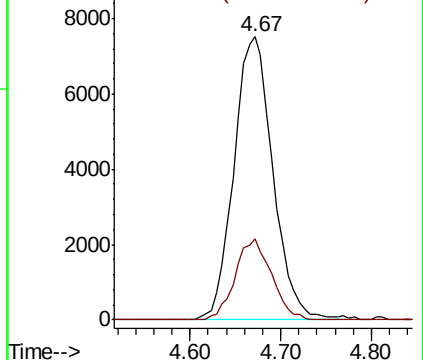
43 100

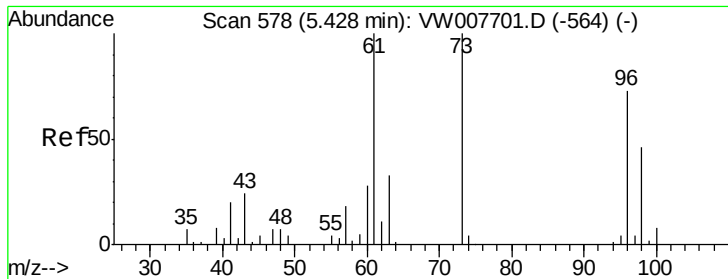
74 26.7 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





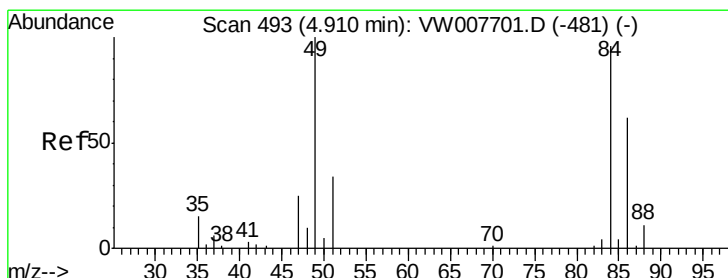
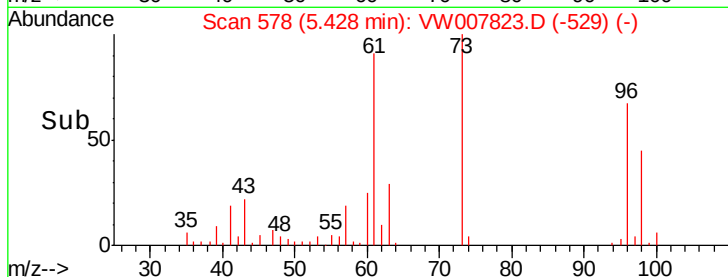
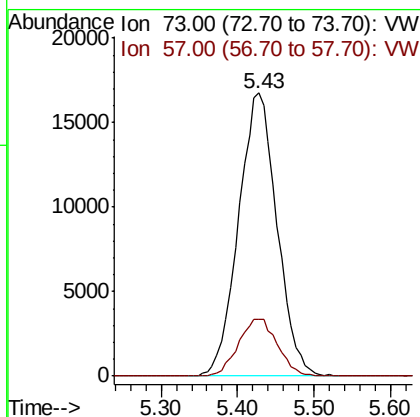
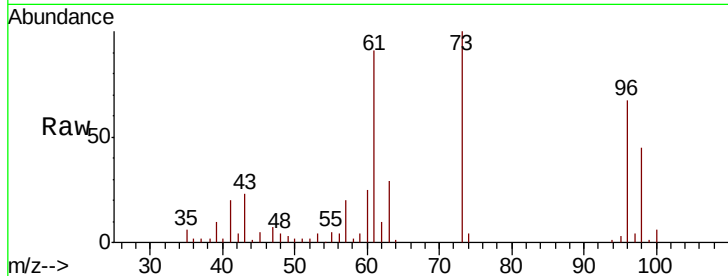
#19
Methyl tert-butyl Ether
Concen: 59.200 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 58474
Ion Ratio Lower Upper
73 100
57 19.9 14.7 22.1

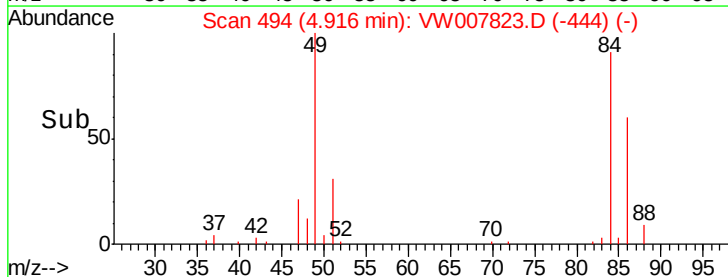
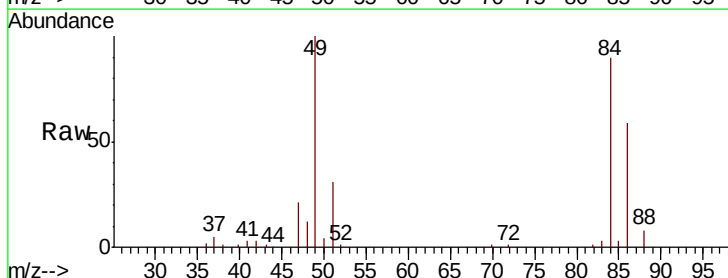
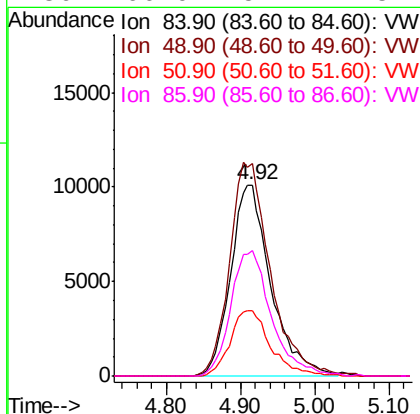
Manual Integrations
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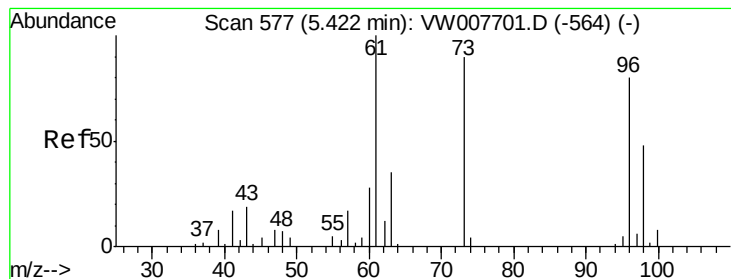
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#20
Methylene Chloride
Concen: 53.724 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 84 Resp: 38118
Ion Ratio Lower Upper
84 100
49 111.0 83.7 125.5
51 33.9 28.2 42.2
86 66.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 52.508 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 39732

Ion Ratio Lower Upper

96 100

61 120.6 100.1 150.1

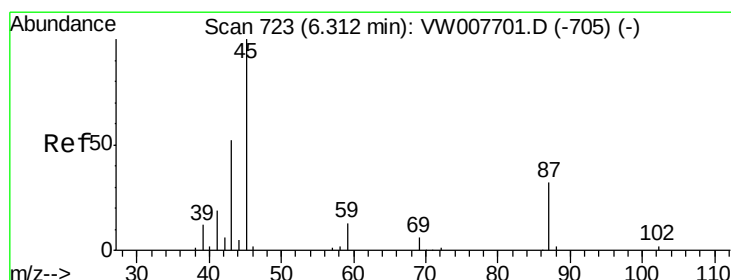
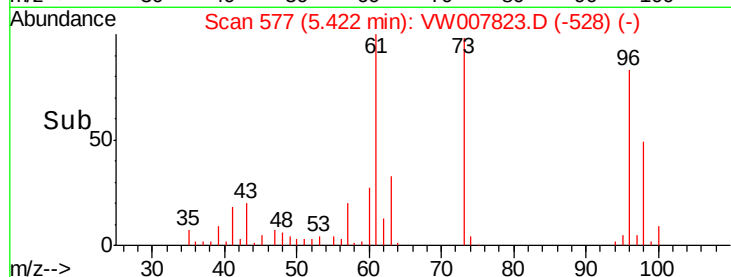
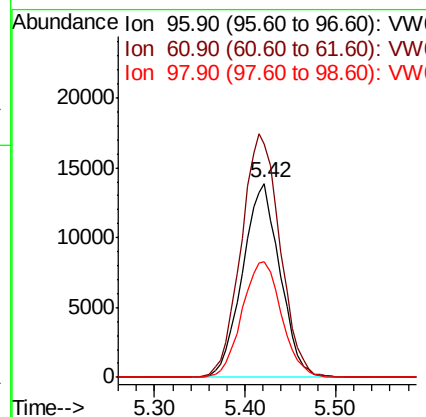
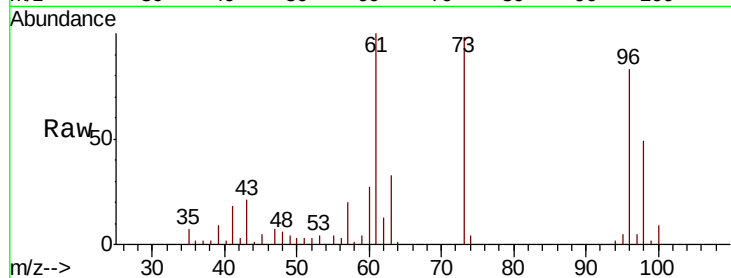
98 59.4 48.5 72.7

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#22

Diisopropyl ether

Concen: 58.992 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion: 45 Resp: 99662

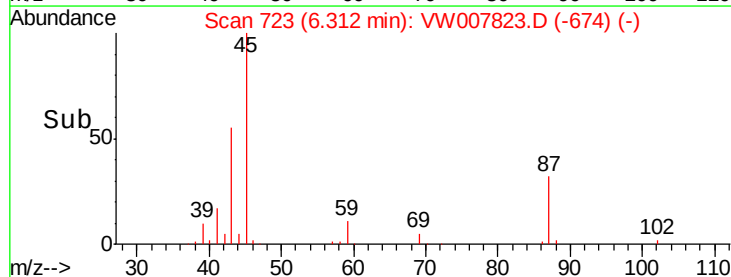
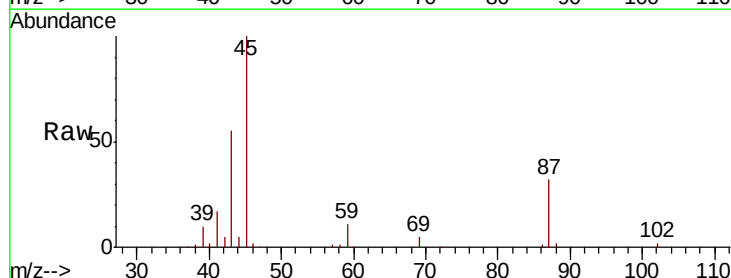
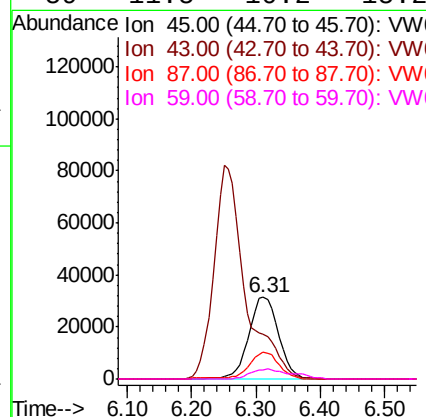
Ion Ratio Lower Upper

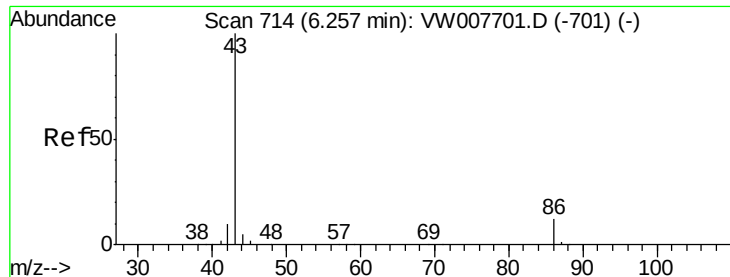
45 100

43 54.1 43.7 65.5

87 32.4 26.6 40.0

59 11.5 10.2 15.2





#23

Vinyl Acetate

Concen: 278.823 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 279864

Ion Ratio Lower Upper

43 100

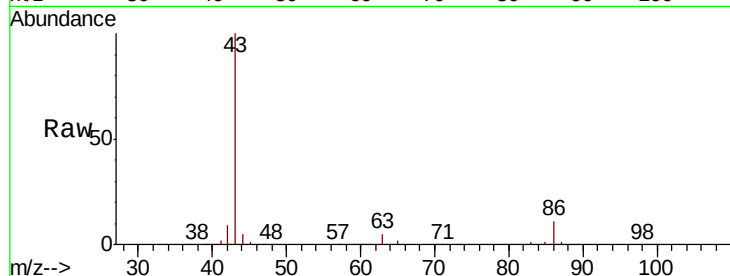
86 11.4 9.6 14.4

Manual Integrations

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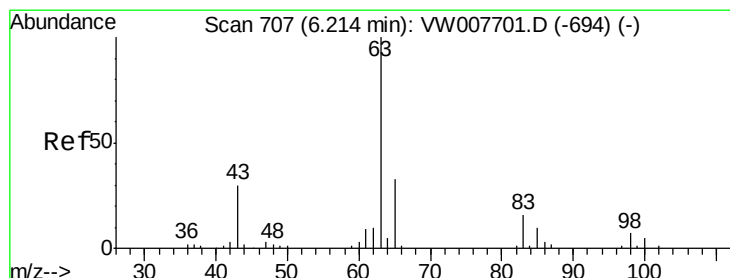
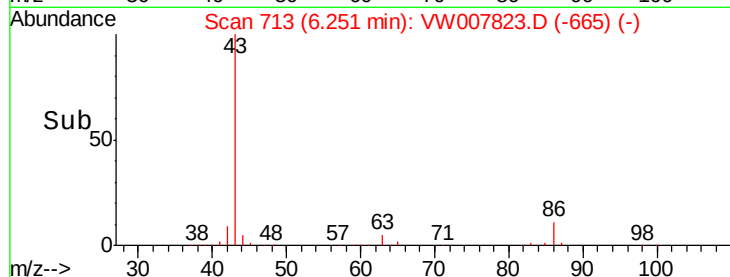
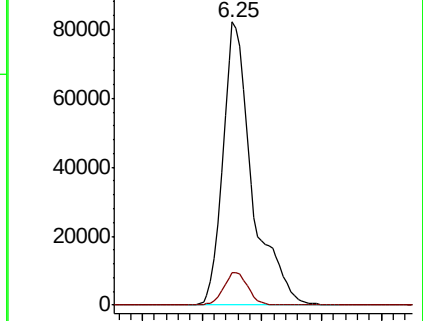
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.066 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

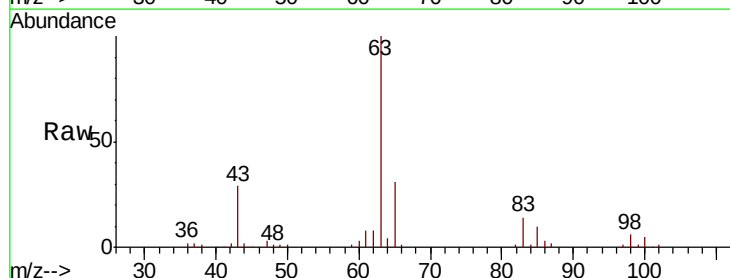
Tgt Ion: 63 Resp: 67195

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

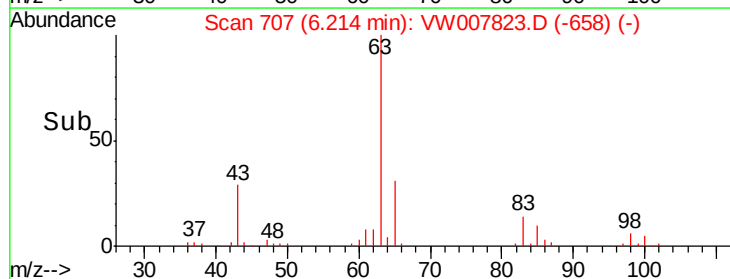
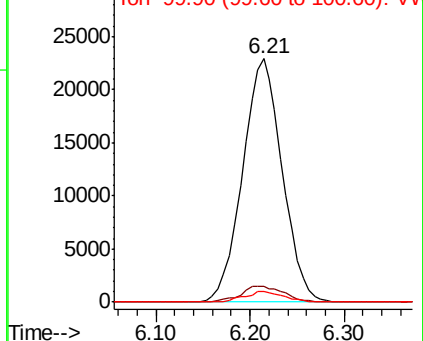
100 4.6 2.5 7.5

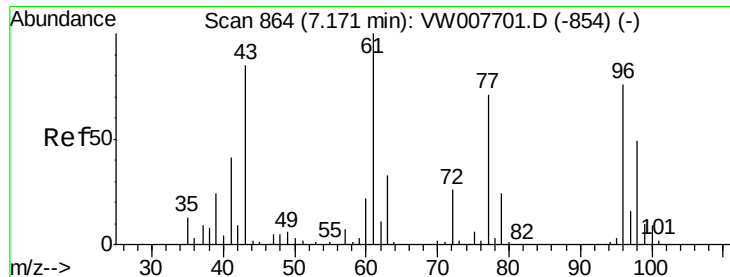


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 271.050 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 45440

Ion Ratio Lower Upper

43 100

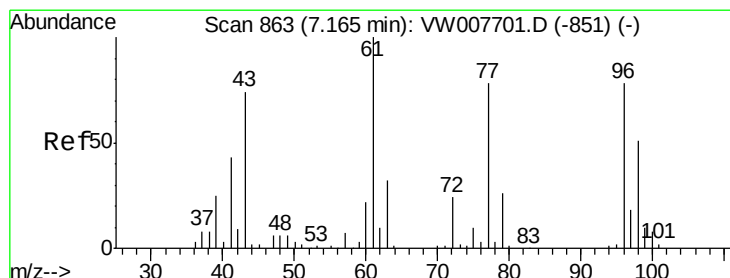
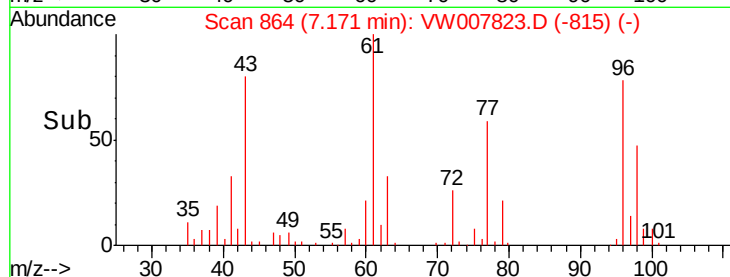
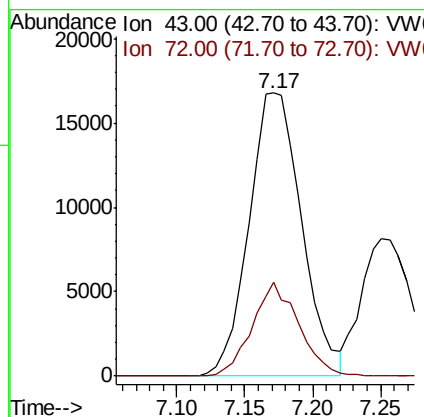
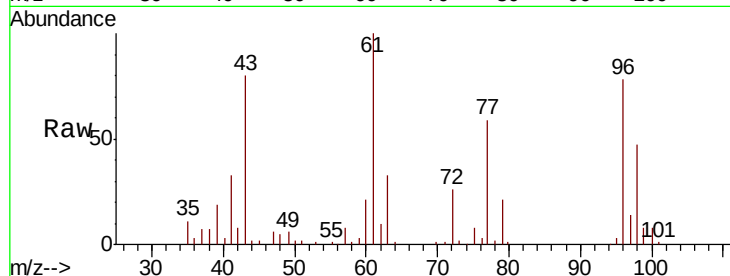
72 33.3 24.5 36.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.350 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007823.D

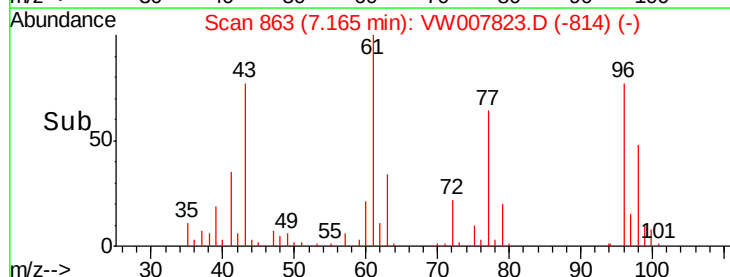
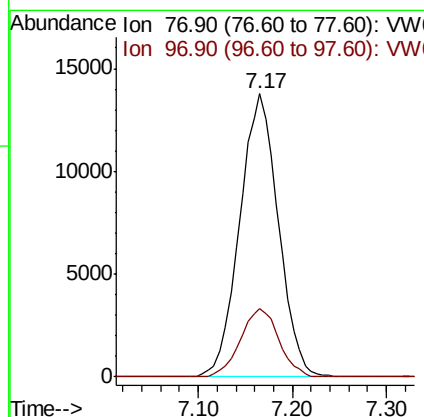
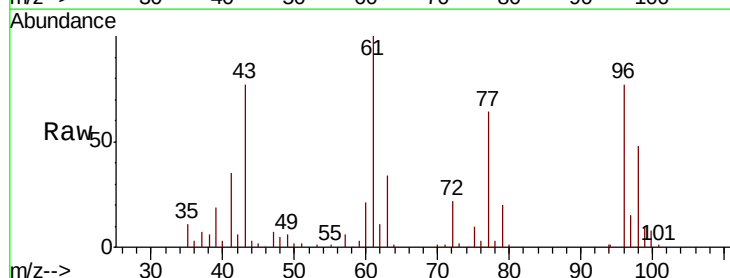
Acq: 22 Dec 2018 05:22

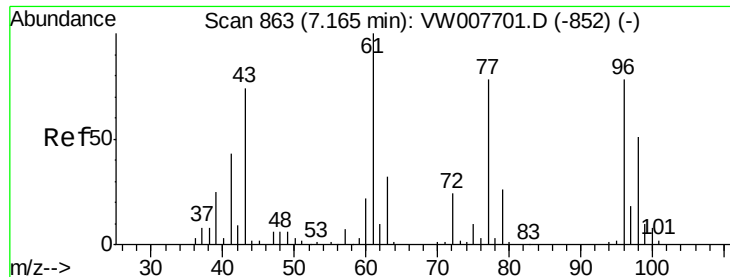
Tgt Ion: 77 Resp: 39425

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.9





#27

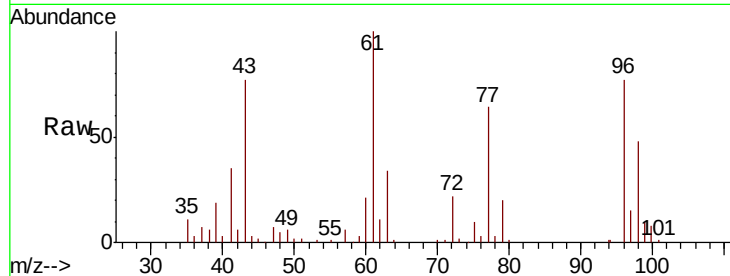
cis-1,2-Dichloroethene
Concen: 54.174 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	271.6
98	62.8	0.0	131.2

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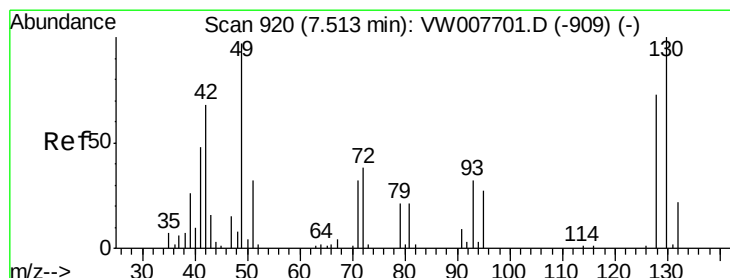
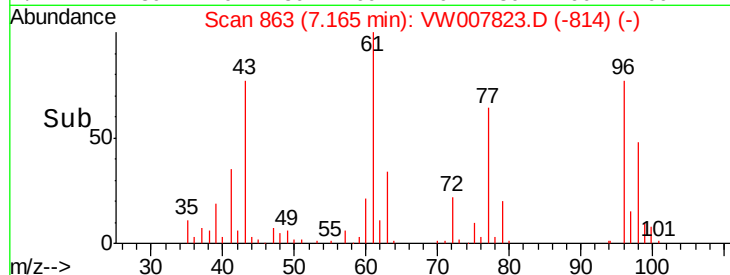
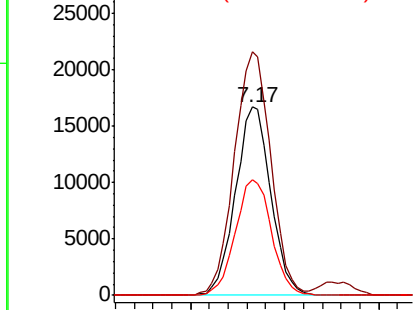


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

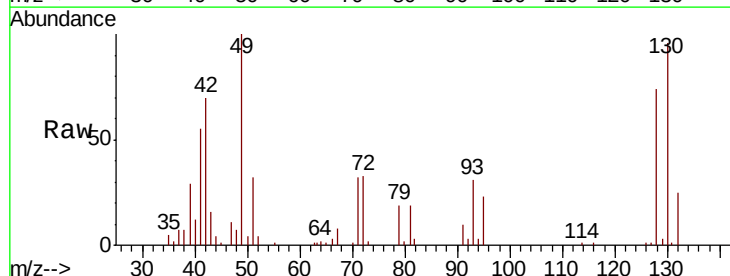
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 60.248 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	2.2#
130	95.3	81.5	122.3

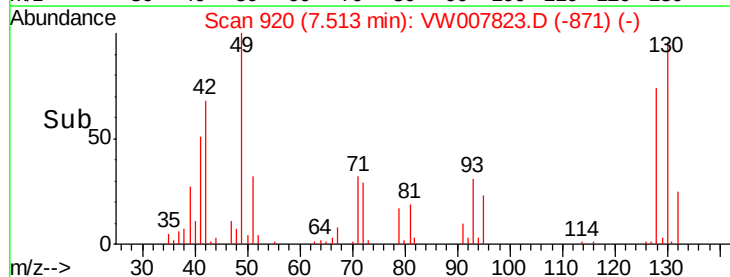
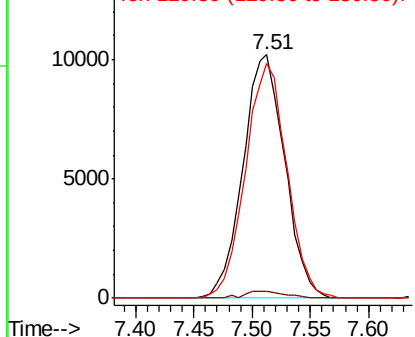


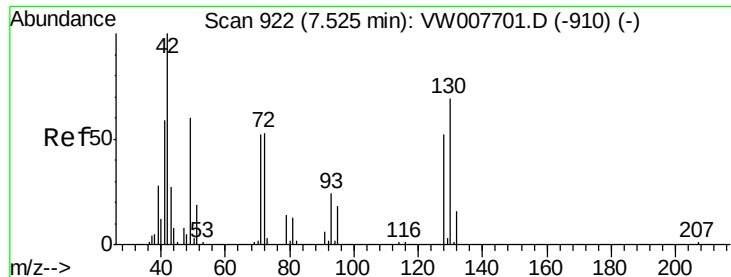
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





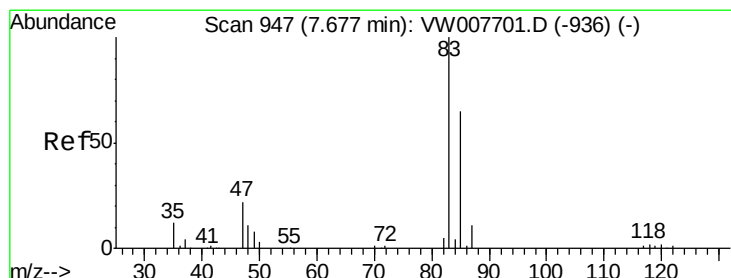
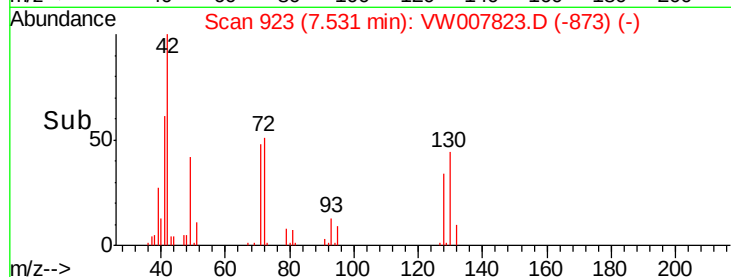
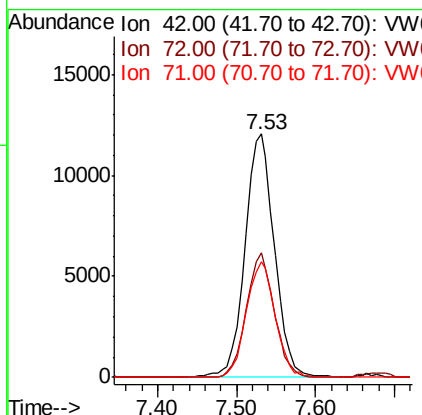
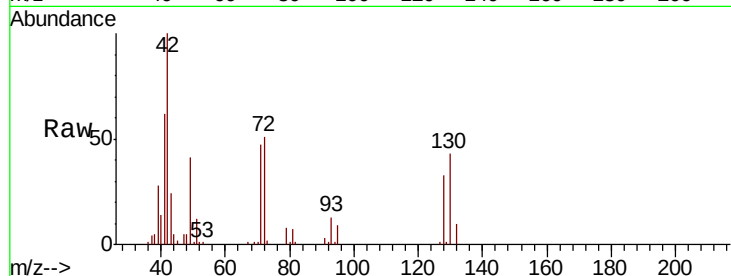
#29
Tetrahydrofuran
Concen: 312.109 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	41.7	62.5
71	46.5	39.0	58.6

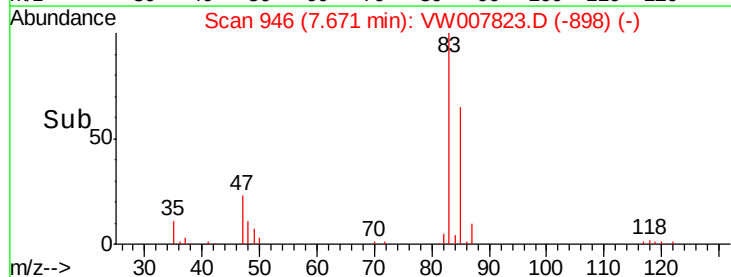
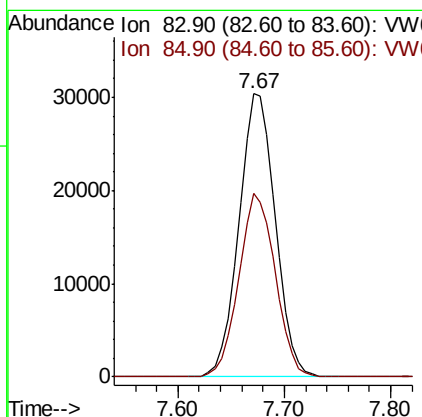
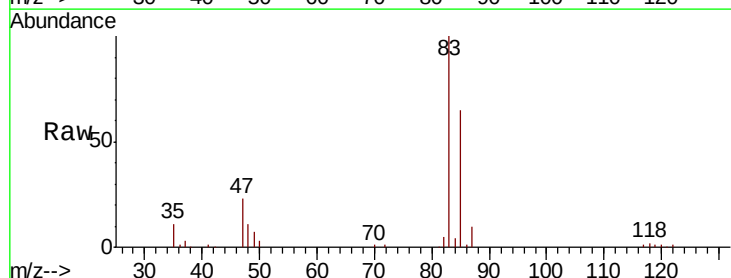
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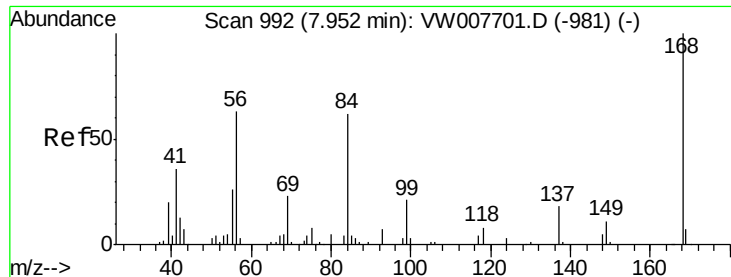
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#30
Chloroform
Concen: 51.749 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.2	78.2





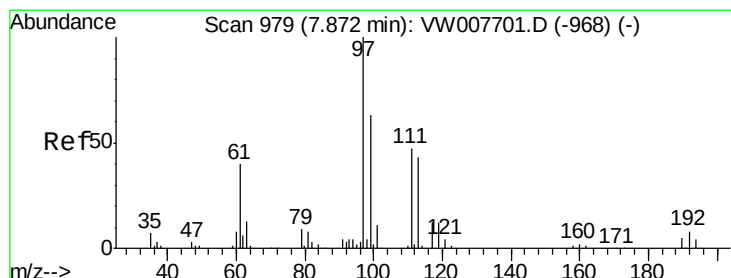
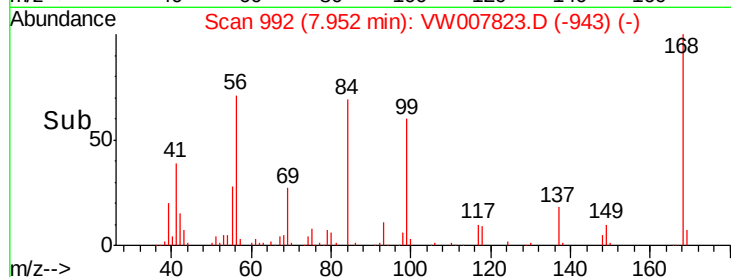
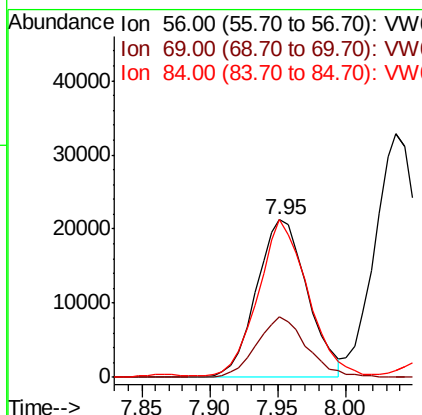
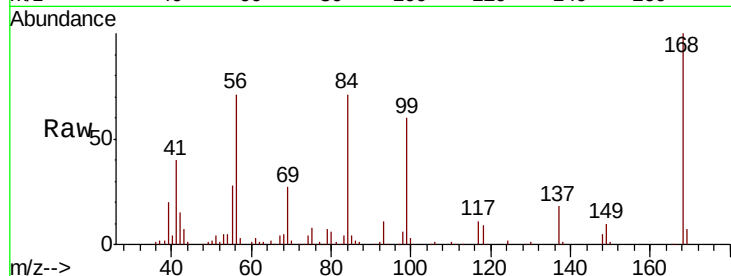
#31
Cyclohexane
Concen: 48.985 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	29.7	44.5
84	99.6	78.9	118.3

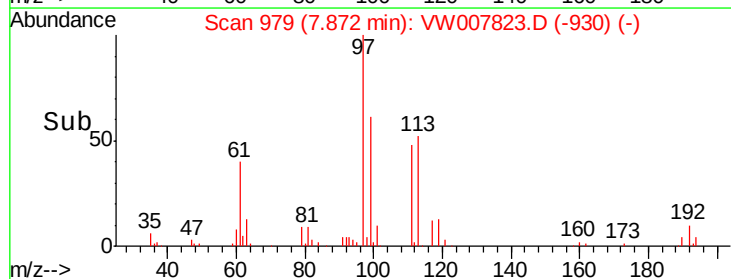
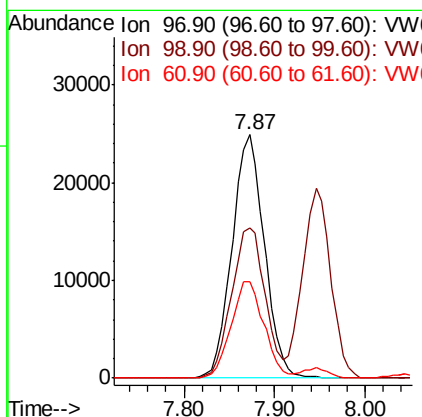
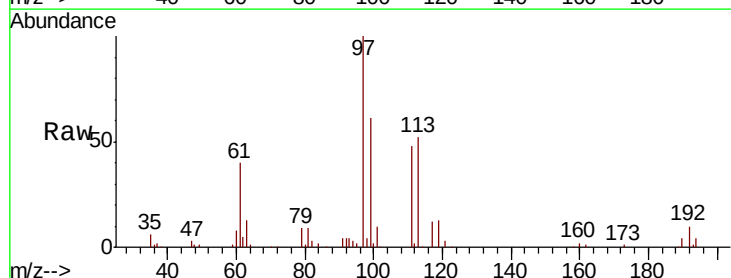
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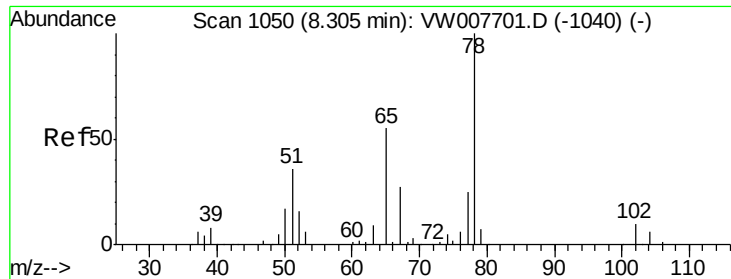
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#32
1,1,1-Trichloroethane
Concen: 47.971 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	40.5	32.3	48.5





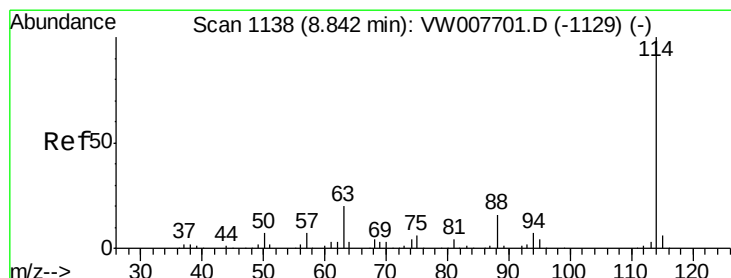
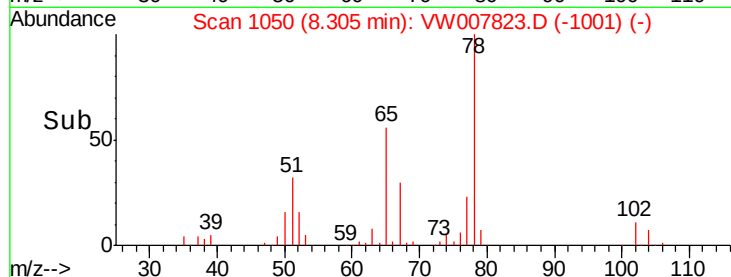
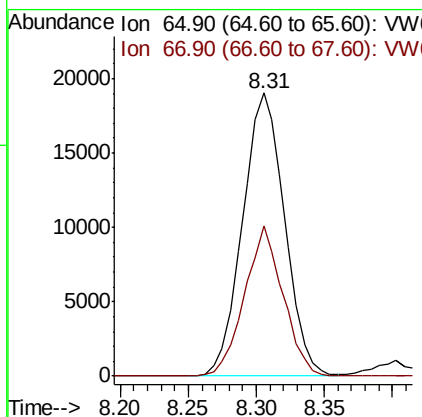
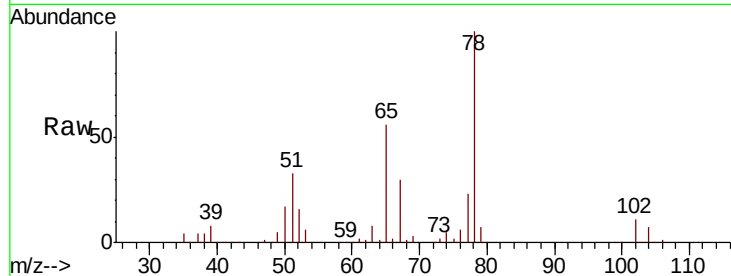
#33
 1,2-Dichloroethane-d4
 Concen: 53.752 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	100.6

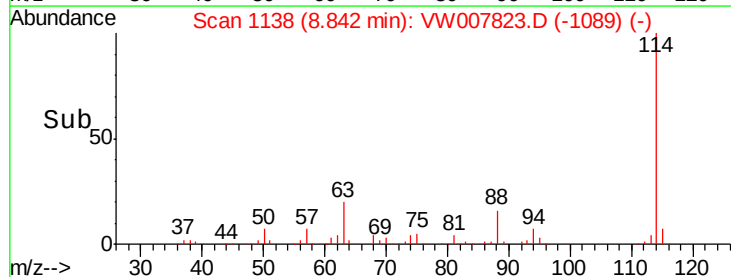
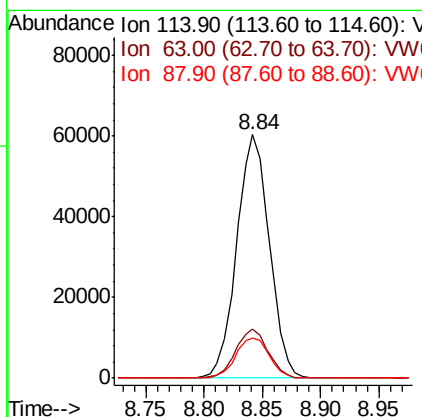
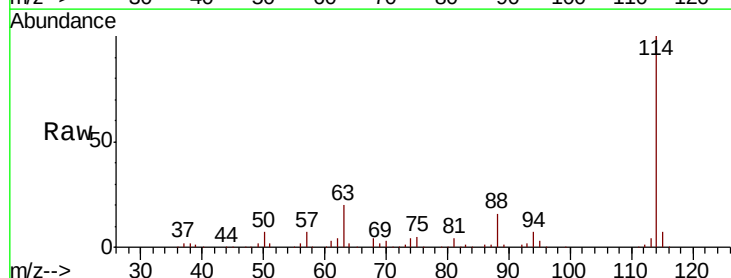
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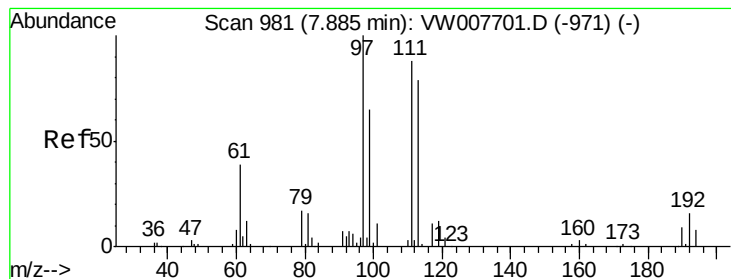
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.0
88	16.5	0.0	32.6





#35

Dibromofluoromethane

Concen: 52.359 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 37649

Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

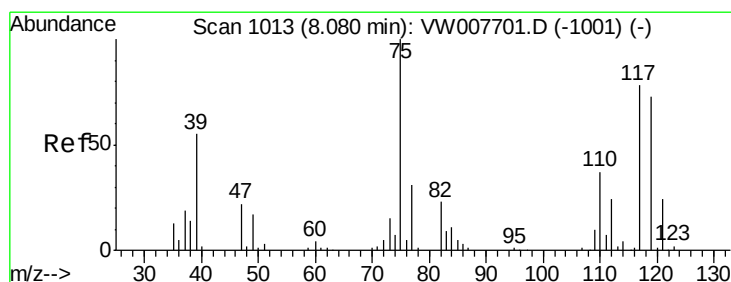
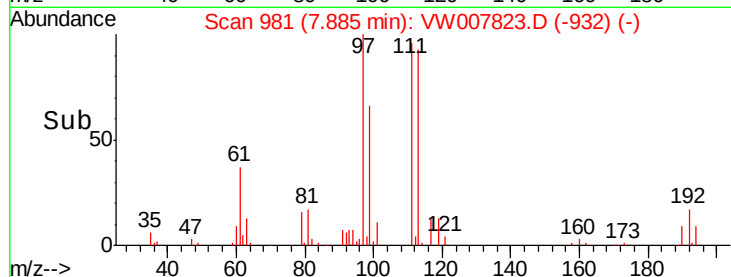
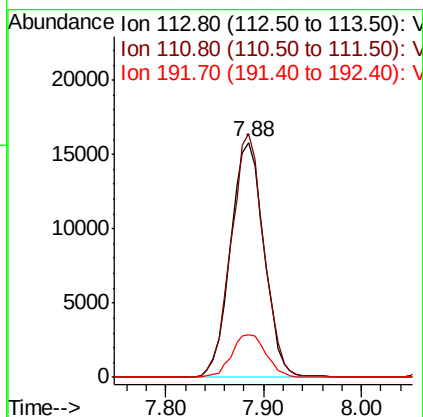
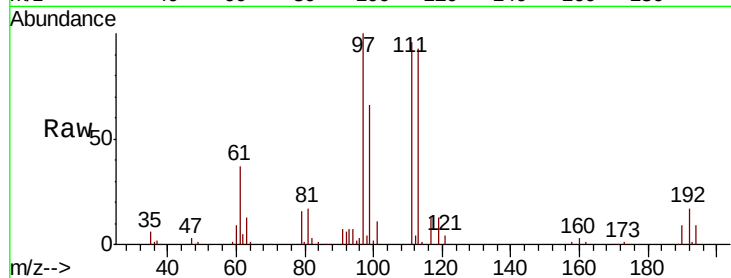
192 18.6 15.5 23.3

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#36

1,1-Dichloropropene

Concen: 48.609 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

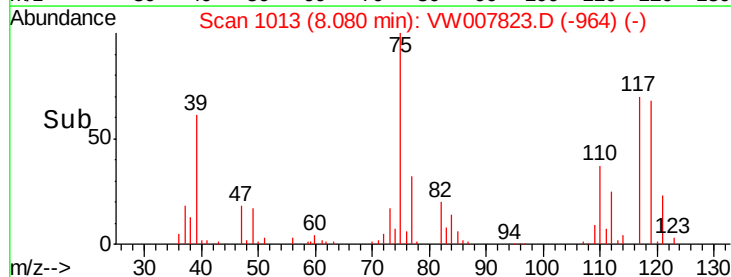
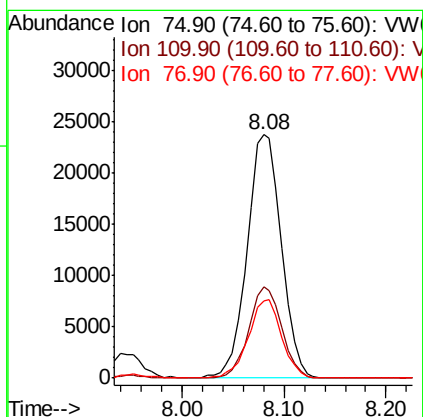
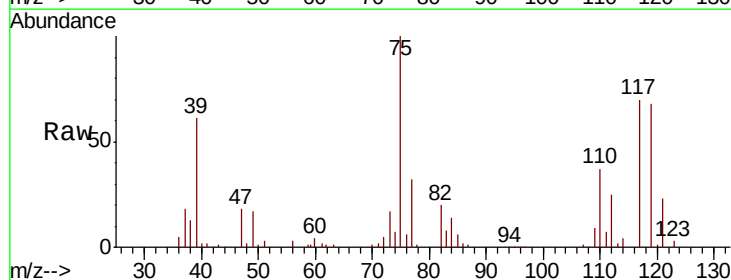
Tgt Ion: 75 Resp: 55299

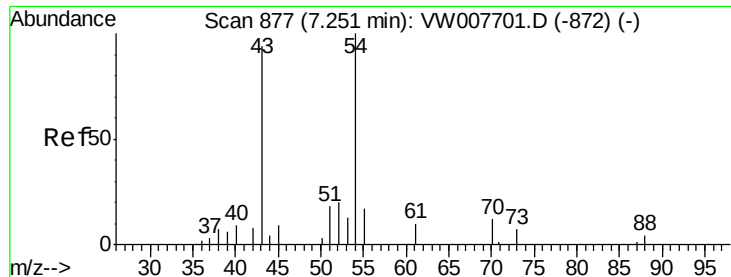
Ion Ratio Lower Upper

75 100

110 36.0 18.6 55.8

77 31.4 25.0 37.4





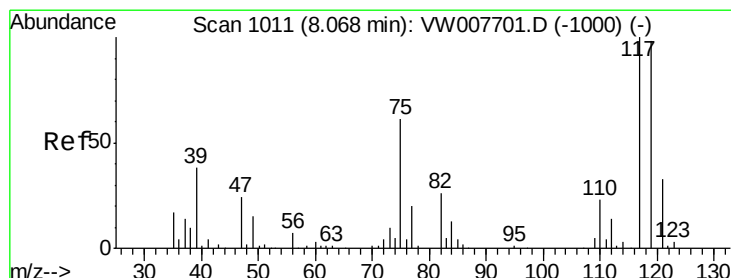
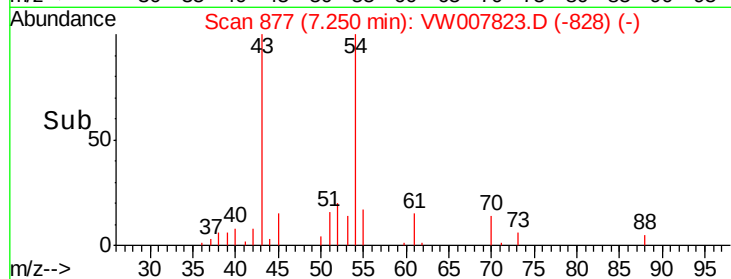
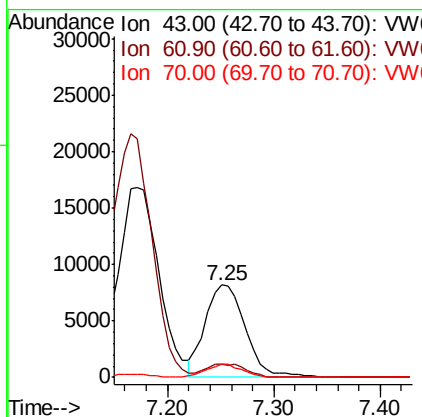
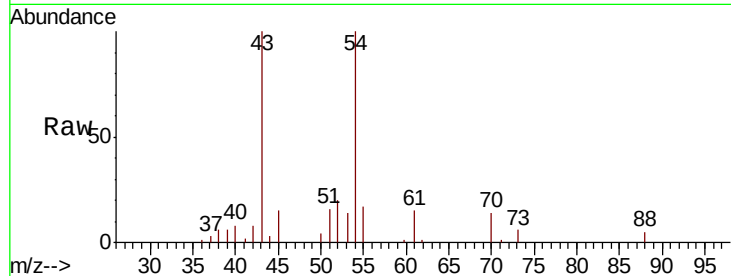
#37
Ethyl Acetate
Concen: 54.585 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.2	16.8
70	12.7	9.3	13.9

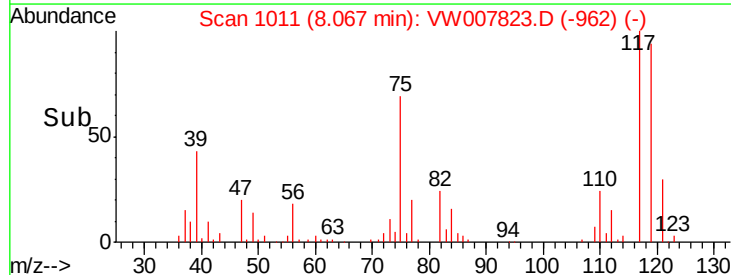
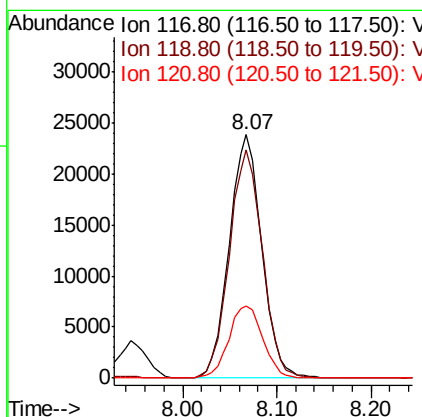
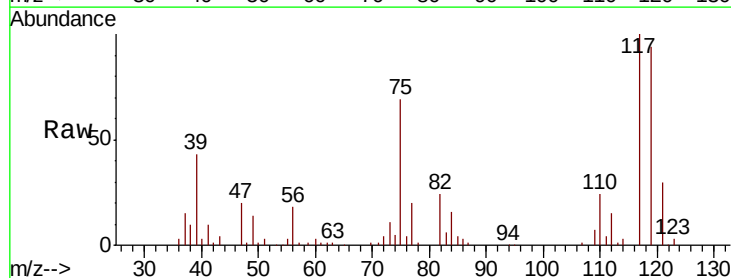
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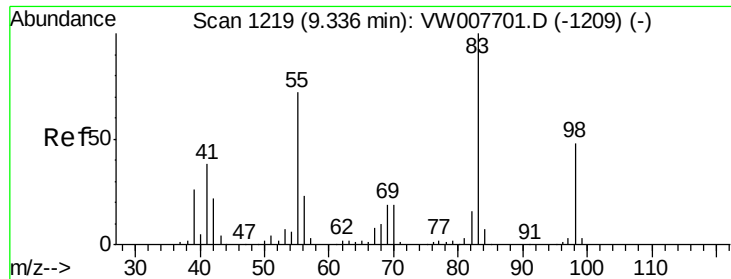
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#38
Carbon Tetrachloride
Concen: 42.546 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.2	117.2
121	29.6	26.1	39.1





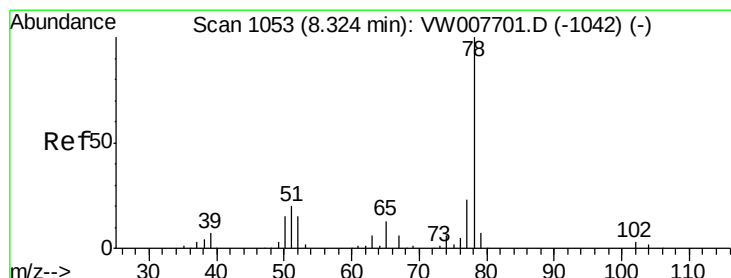
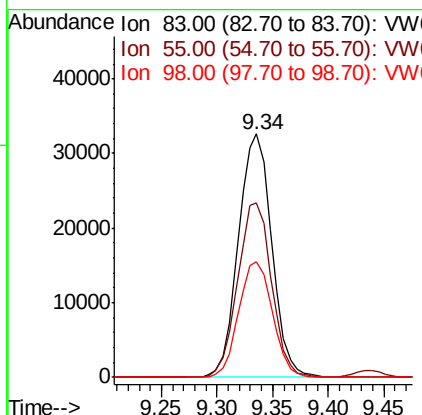
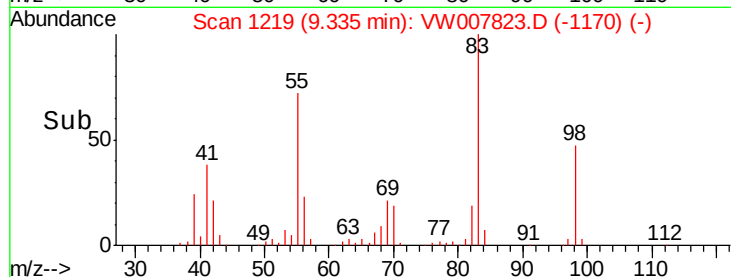
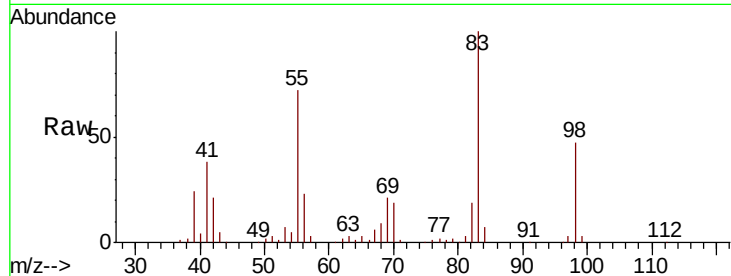
#39
Methylvlcyclohexane
Concen: 47.978 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.2	85.8
98	47.3	38.6	58.0

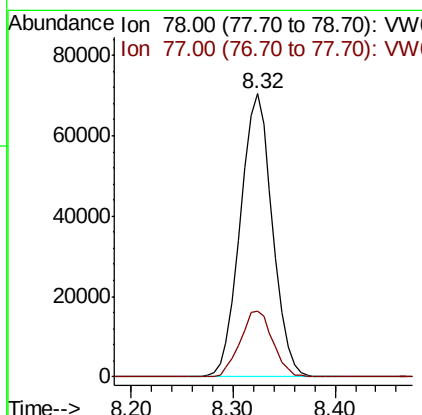
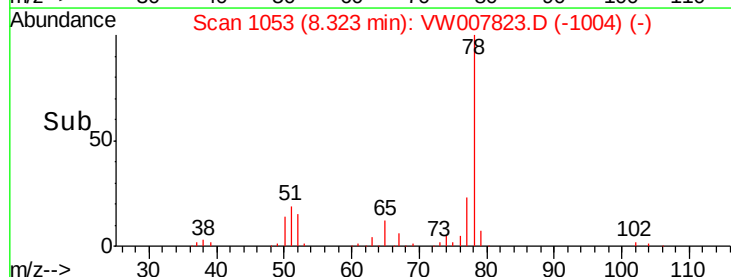
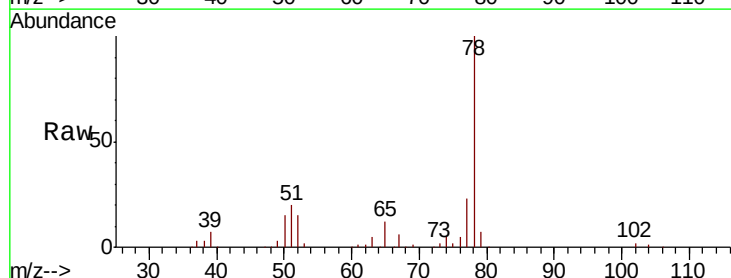
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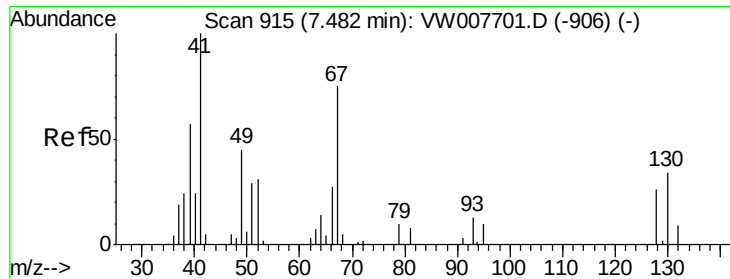
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#40
Benzene
Concen: 50.585 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





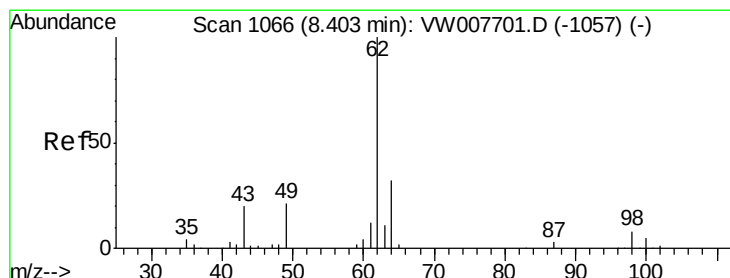
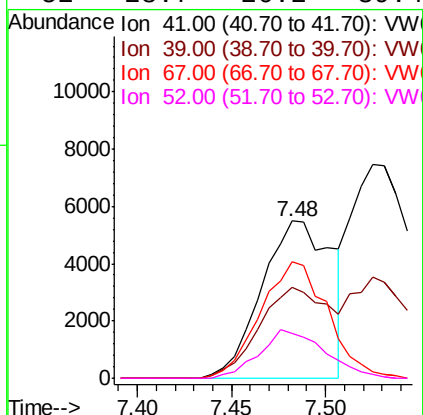
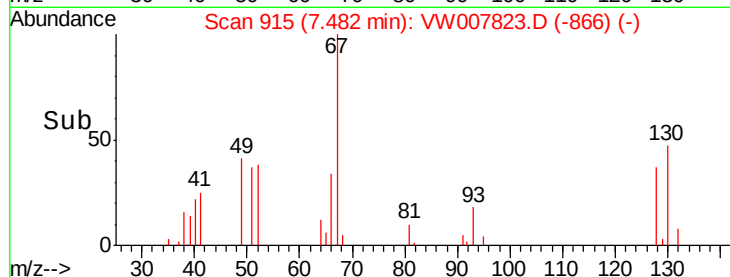
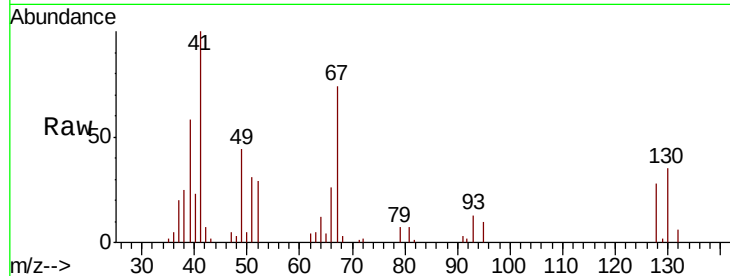
#41
Methacrylonitrile
Concen: 63.896 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.9	54.2	81.4
67	70.7	65.7	98.5
52	28.7	26.2	39.4

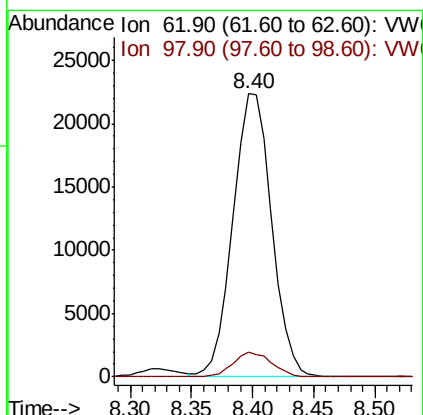
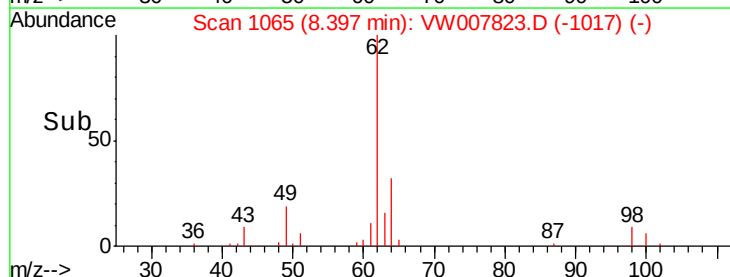
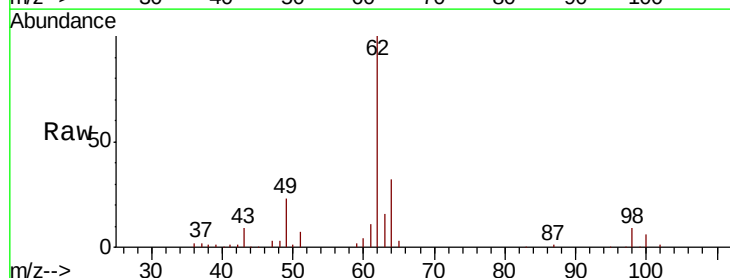
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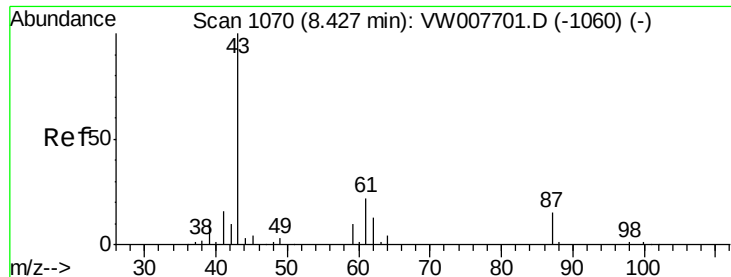
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#42
1,2-Dichloroethane
Concen: 48.388 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 55.505 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

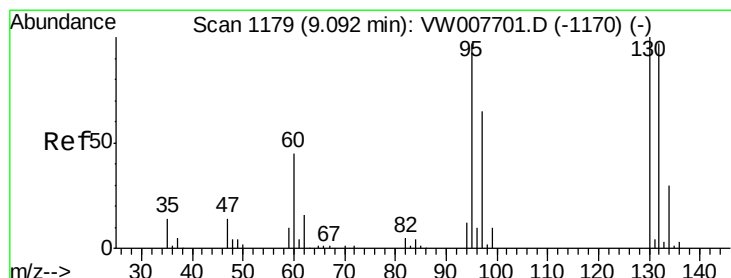
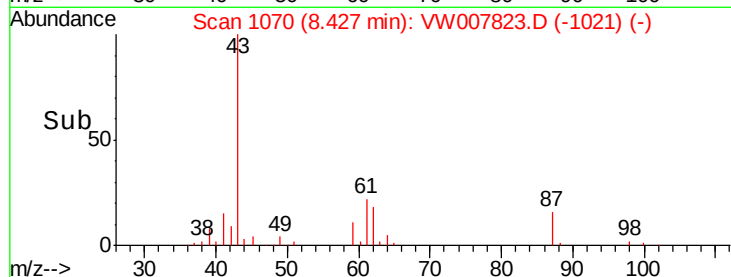
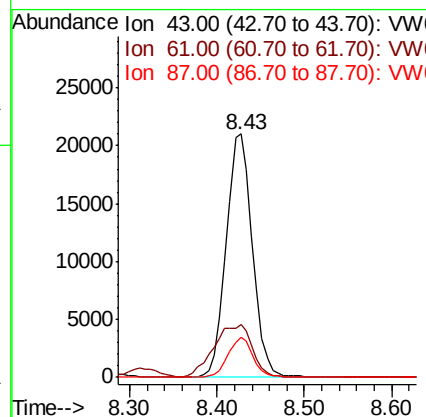
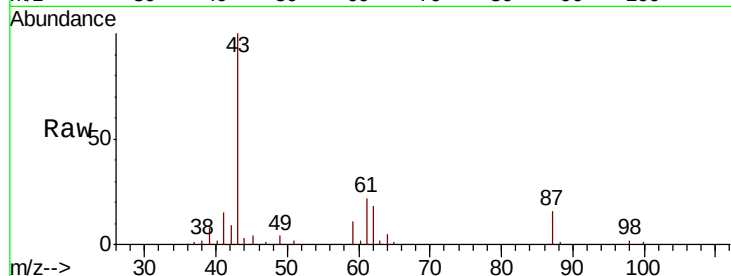
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	43659
Ion	Ratio	Lower	Upper
43	100		
61	31.8	26.3	39.5
87	15.5	12.0	18.0

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#44

Trichloroethene

Concen: 48.313 ug/l

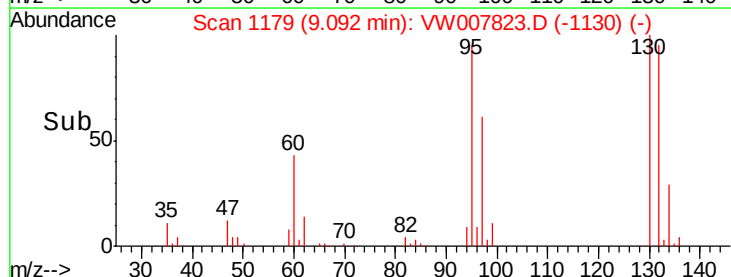
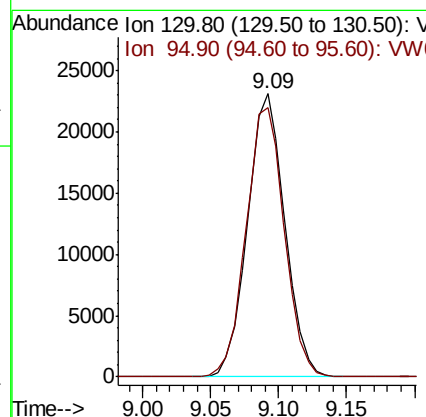
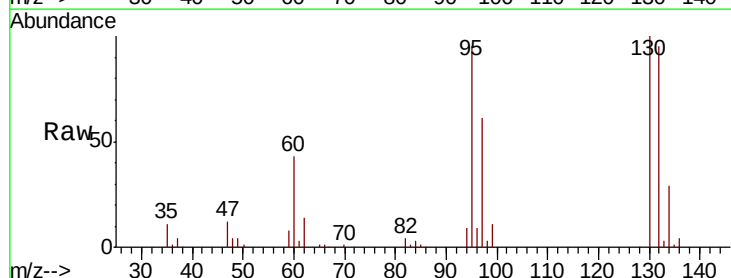
RT: 9.09 min Scan# 1179

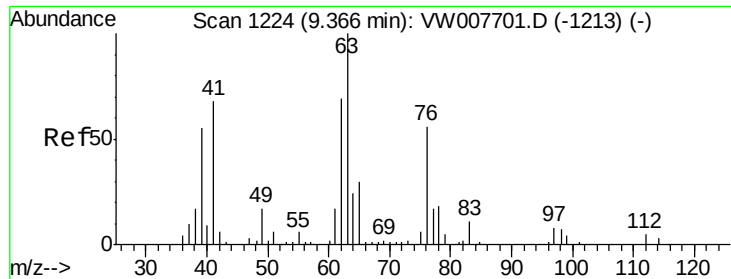
Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion:	130	Resp:	44354
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	194.8





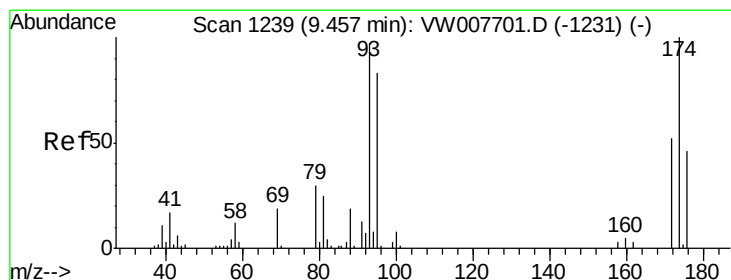
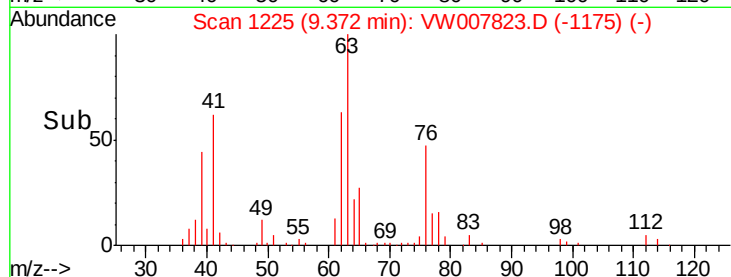
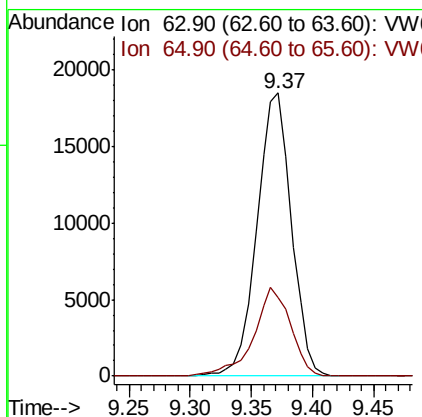
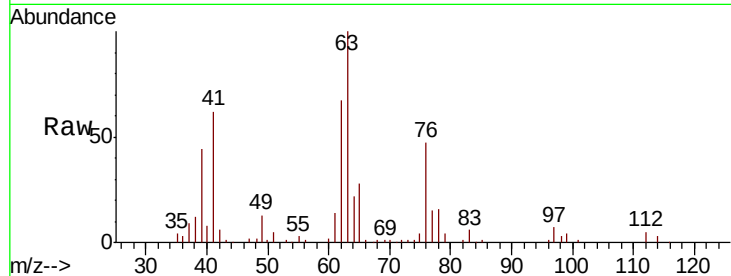
#45
 1,2-Dichloropropane
 Concen: 53.840 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 36267
 Ion Ratio Lower Upper
 63 100
 65 27.7 23.8 35.8

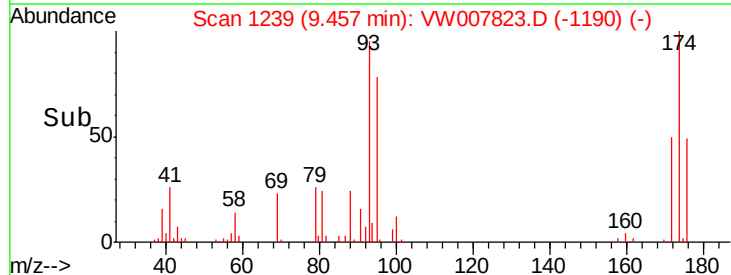
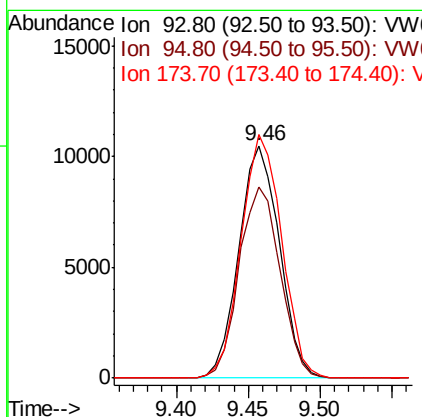
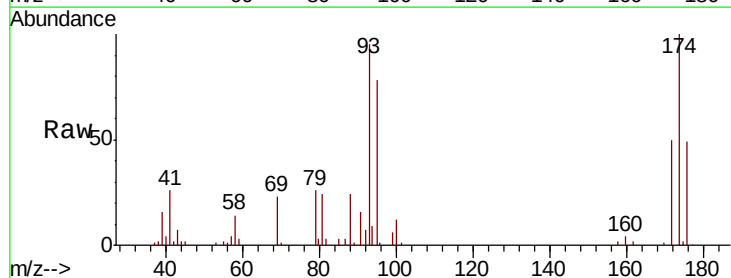
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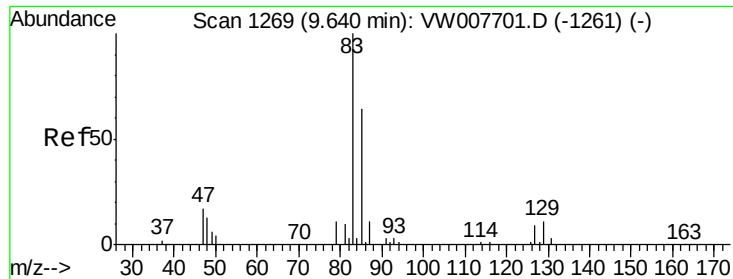
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#46
 Dibromomethane
 Concen: 49.357 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 93 Resp: 20466
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.5 101.3
 174 105.0 83.9 125.9





#47

Bromodichloromethane

Concen: 47.654 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

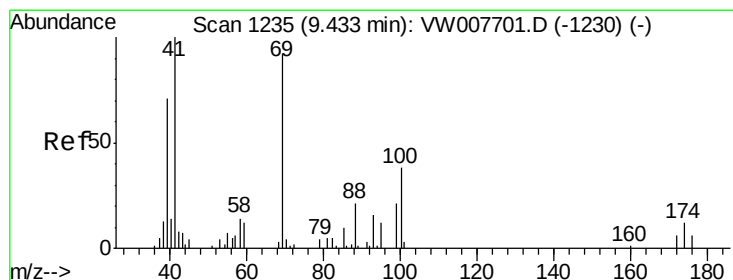
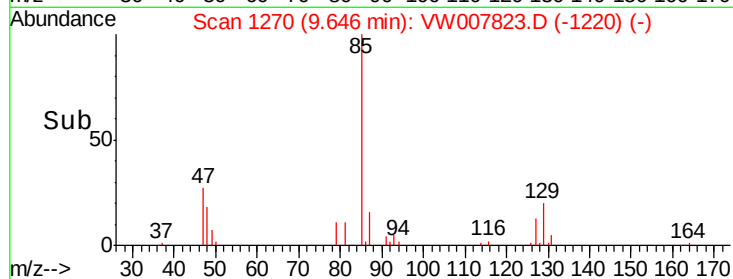
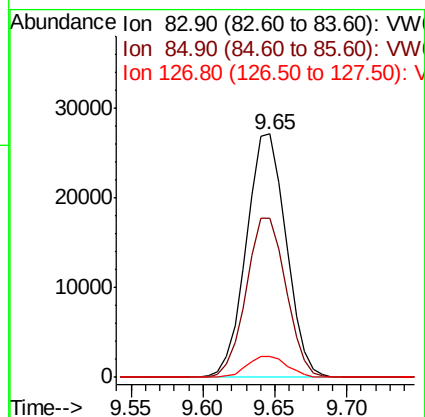
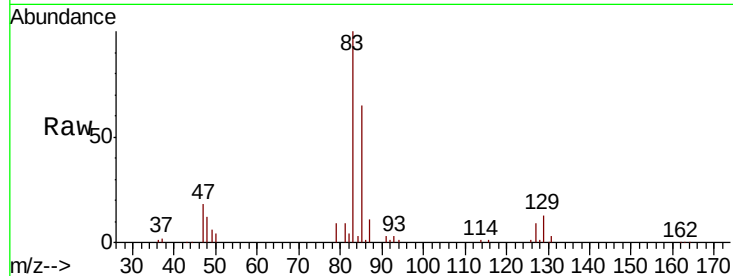
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	51947
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.4	77.0
127	8.7	7.5	11.3

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#48

Methyl methacrylate

Concen: 55.572 ug/l

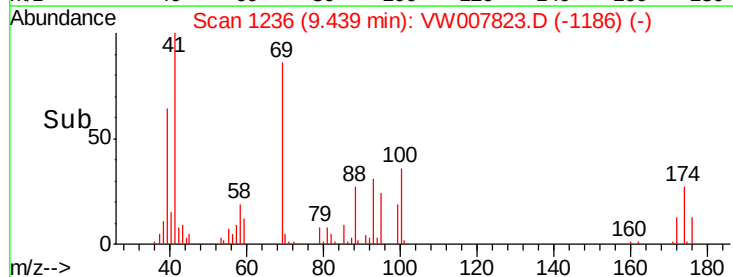
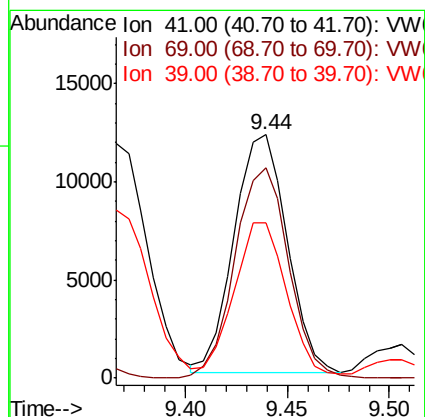
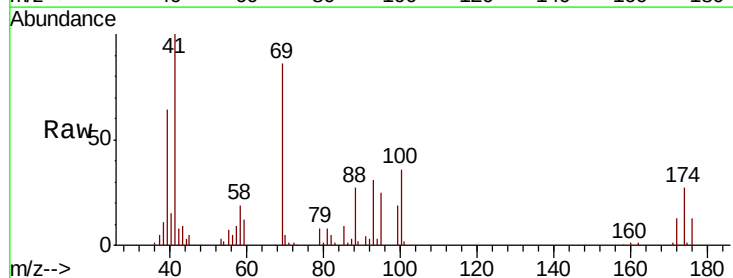
RT: 9.44 min Scan# 1236

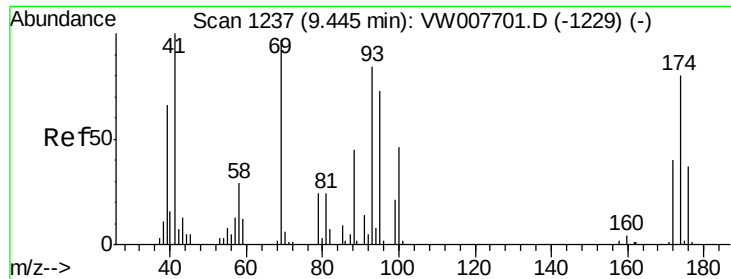
Delta R.T. 0.01 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion:	41	Resp:	21819
Ion Ratio	Lower	Upper	
41	100		
69	90.1	74.2	111.2
39	62.6	53.9	80.9





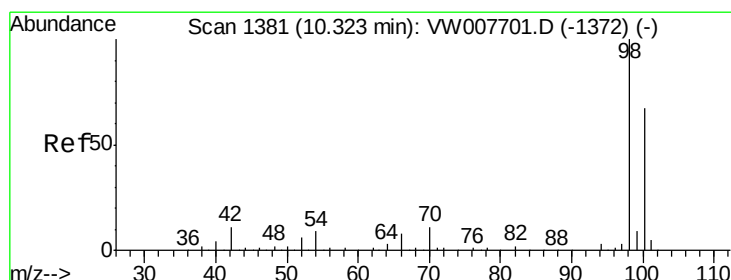
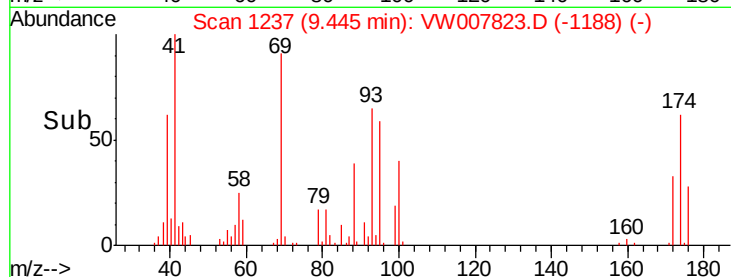
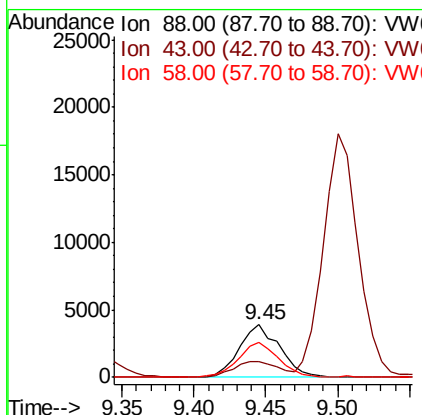
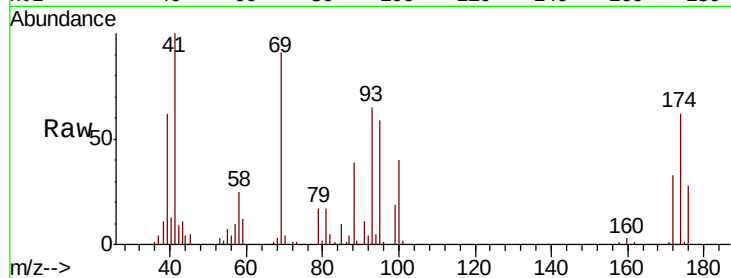
#49
1,4-Dioxane
Concen: 1151.327 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	25.6	38.4
58	66.5	52.3	78.5

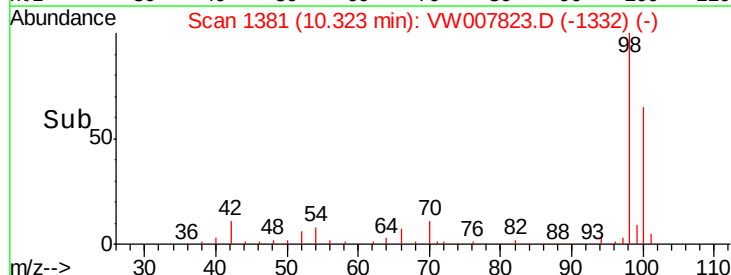
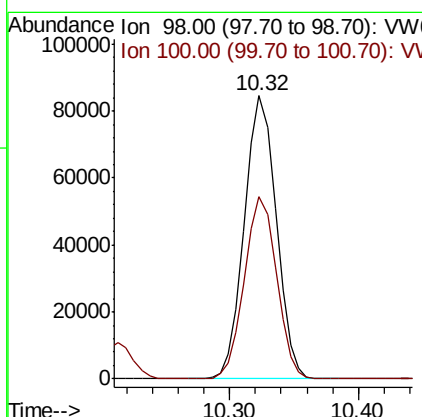
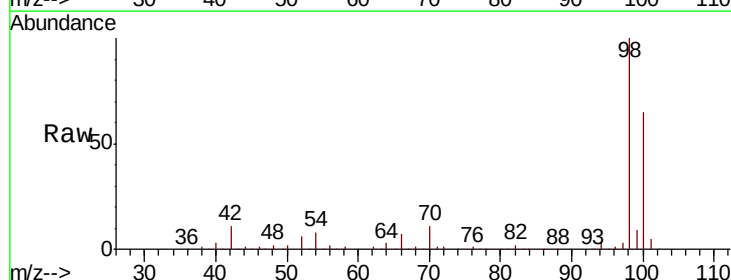
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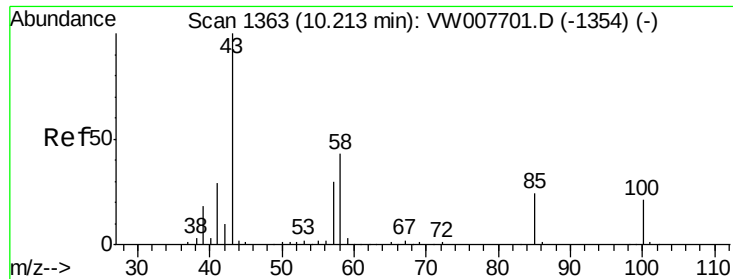
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#50
Toluene-d8
Concen: 53.534 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 282.325 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 104951

Ion Ratio Lower Upper

43 100

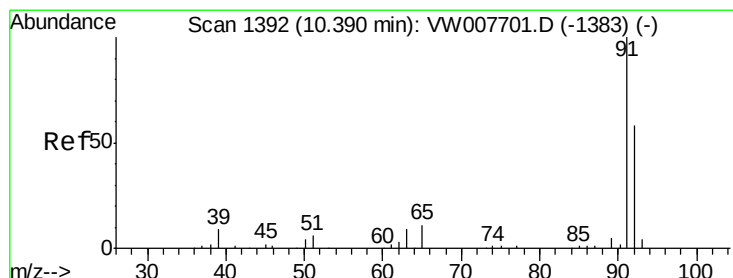
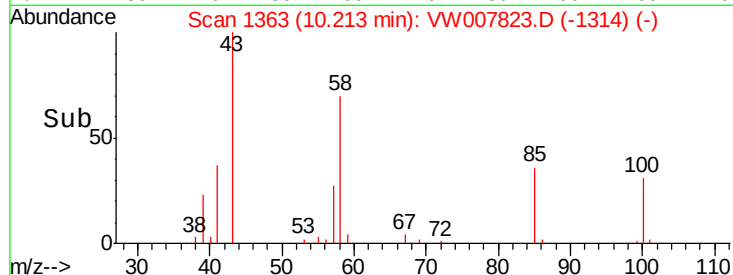
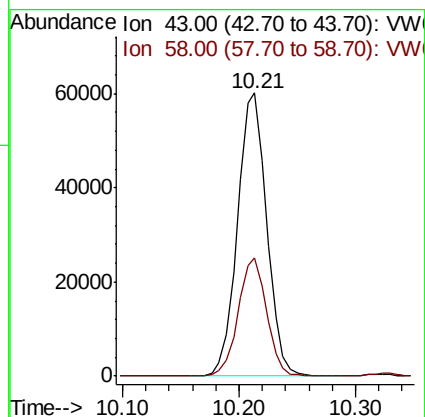
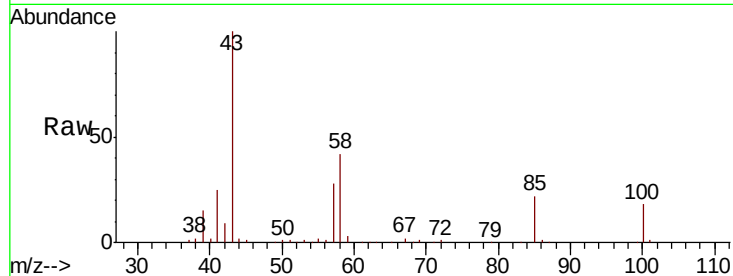
58 40.7 33.2 49.8

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#52

Toluene

Concen: 49.687 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007823.D

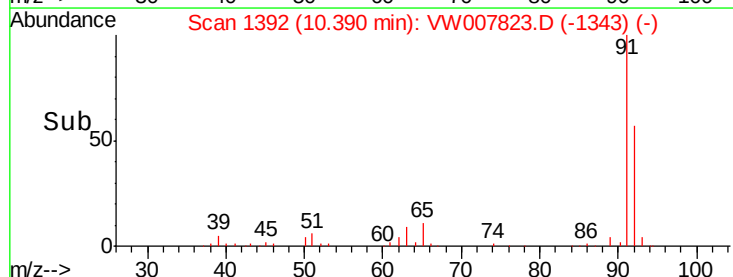
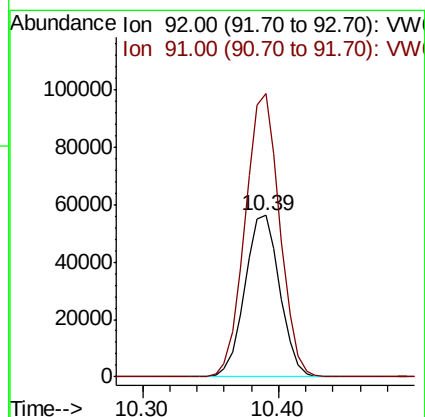
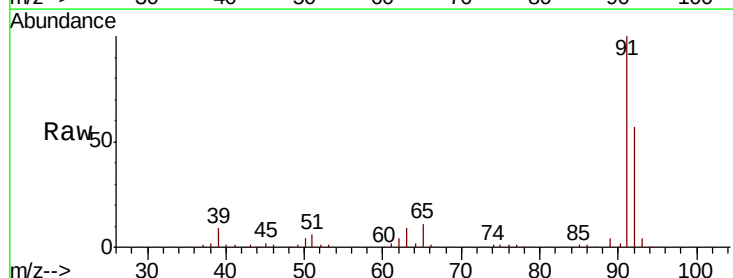
Acq: 22 Dec 2018 05:22

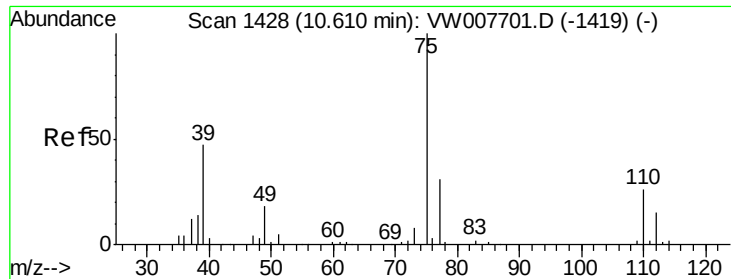
Tgt Ion: 92 Resp: 101203

Ion Ratio Lower Upper

92 100

91 172.9 137.0 205.4





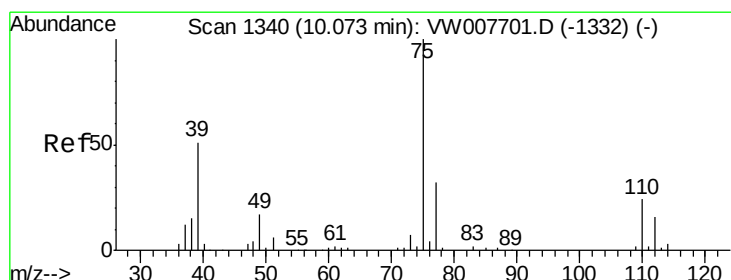
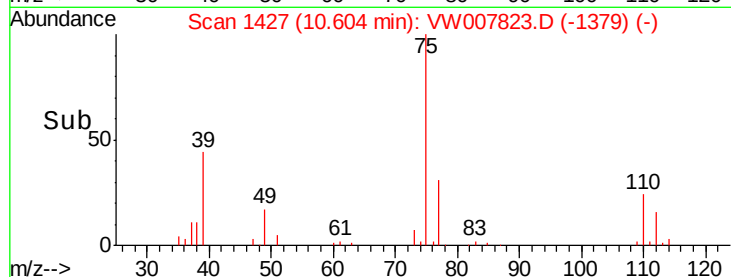
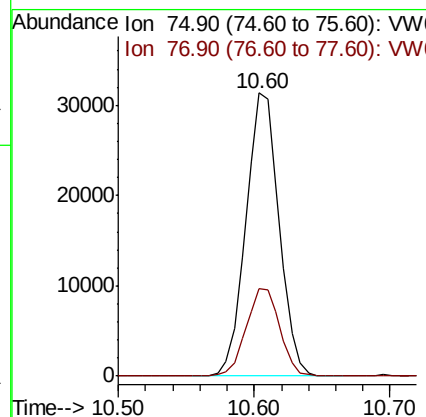
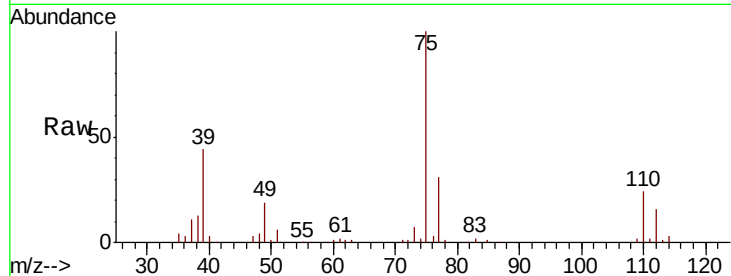
#53
t-1,3-Dichloropropene
Concen: 49.344 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 53503
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8

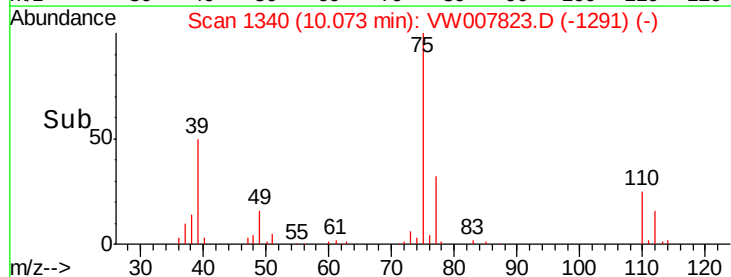
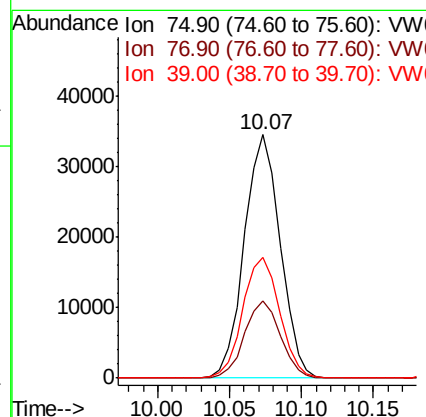
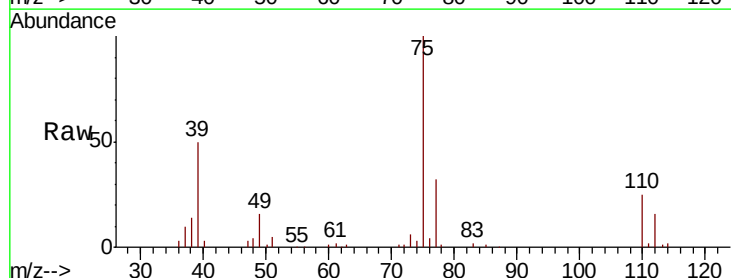
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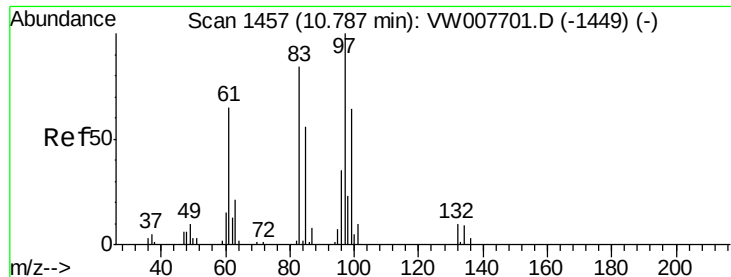
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#54
cis-1,3-Dichloropropene
Concen: 49.845 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion: 75 Resp: 59697
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 49.6 41.2 61.8





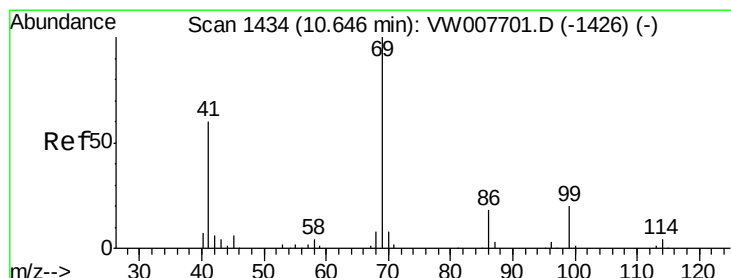
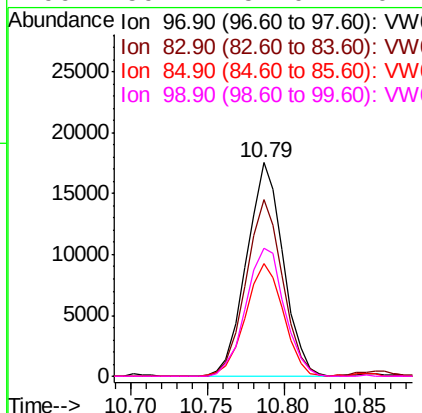
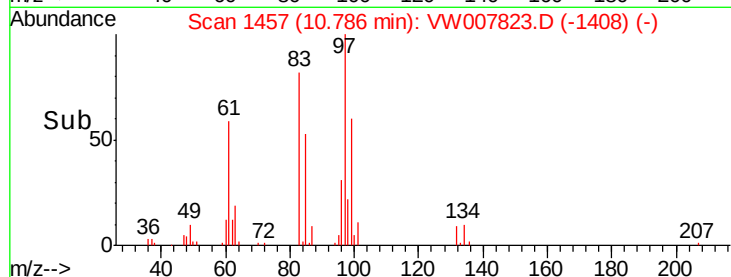
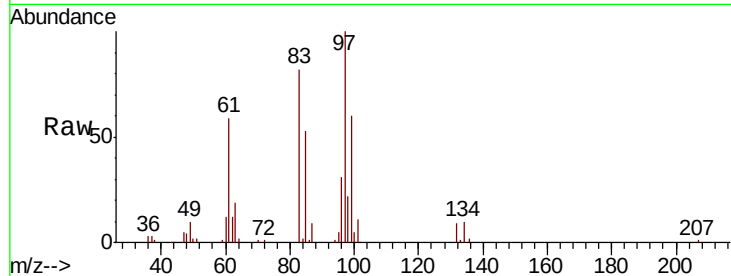
#55
 1,1,2-Trichloroethane
 Concen: 51.262 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	29303
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.5	101.3
85	52.6	44.8	67.2
99	59.7	51.0	76.4

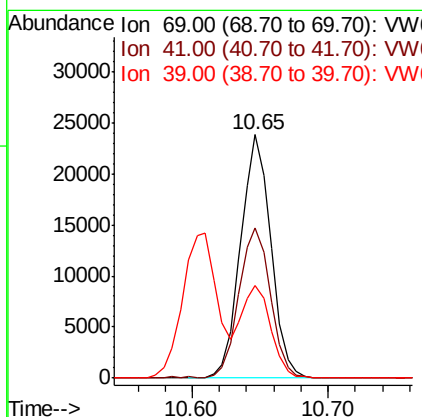
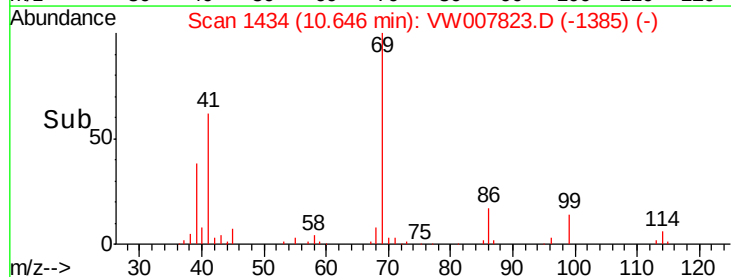
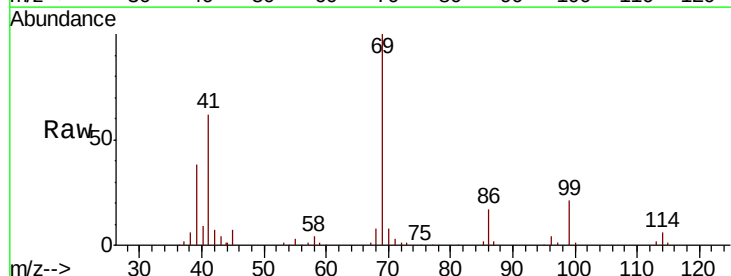
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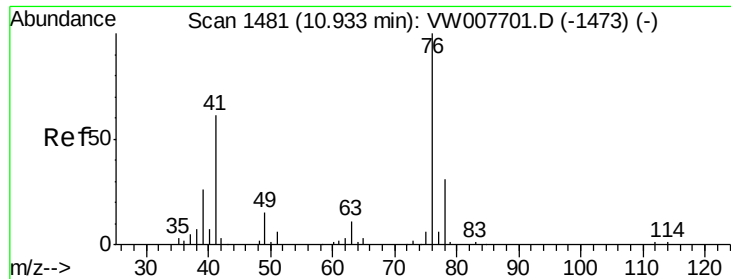
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#56
 Ethyl methacrylate
 Concen: 54.740 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion:	69	Resp:	36971
Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.9	73.3
39	37.6	31.3	46.9





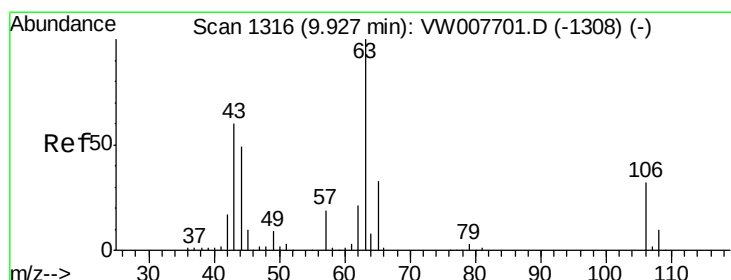
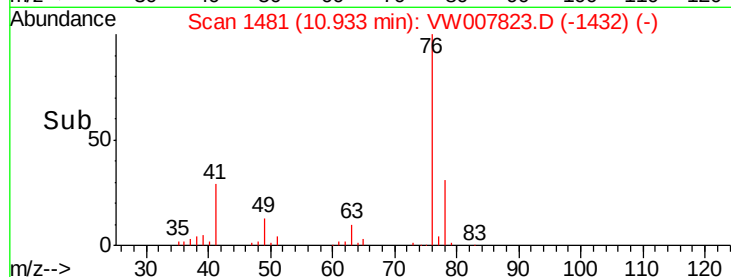
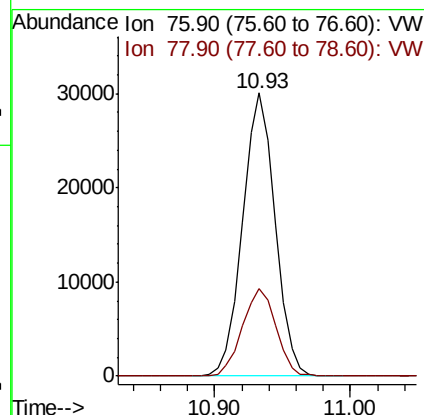
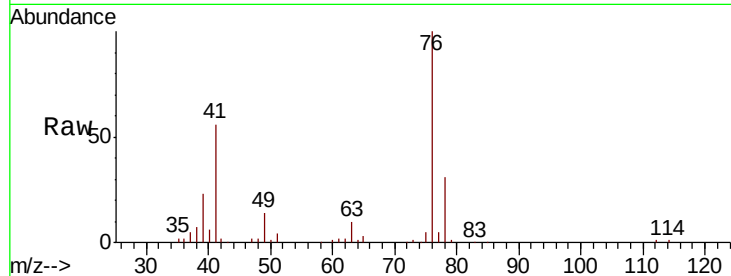
#57
 1,3-Dichloropropane
 Concen: 52.808 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 50127
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.2

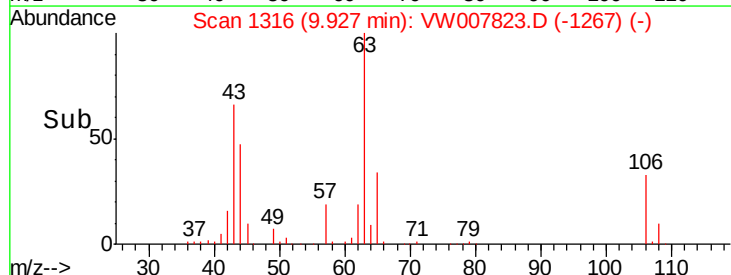
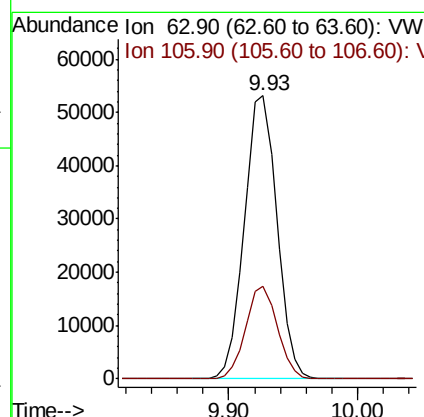
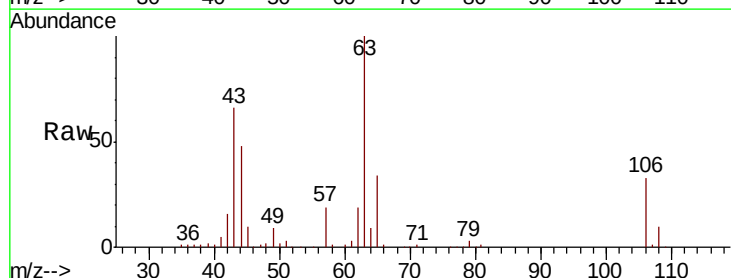
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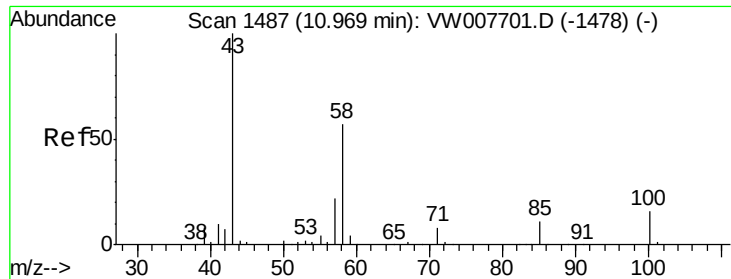
MMDadoda
 12/26/2018 10:59:42 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.828 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 63 Resp: 92765
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.9 38.9





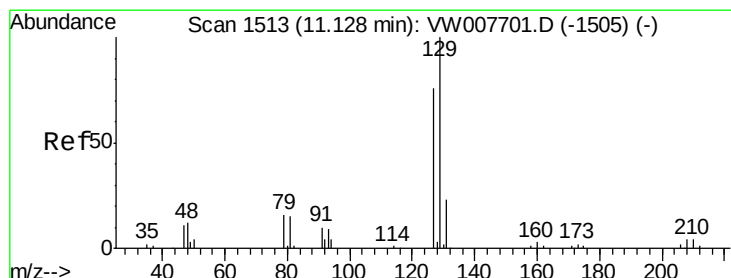
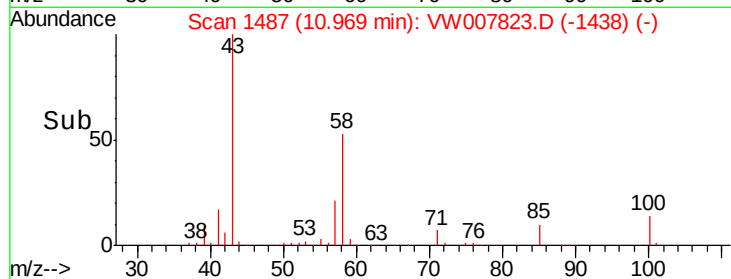
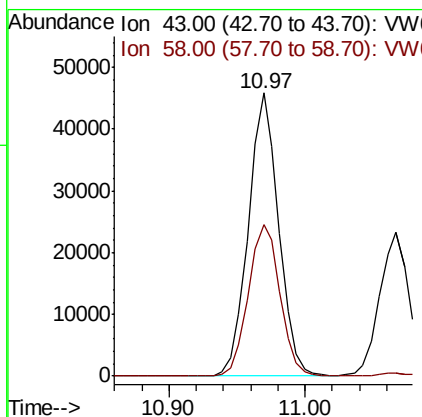
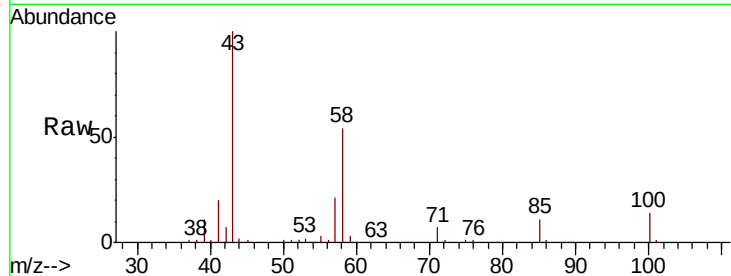
#59
2-Hexanone
Concen: 273.421 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 71481
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1

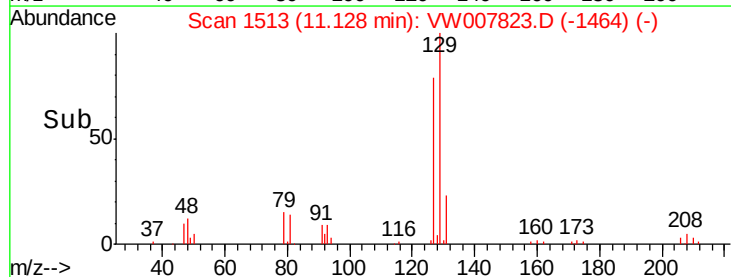
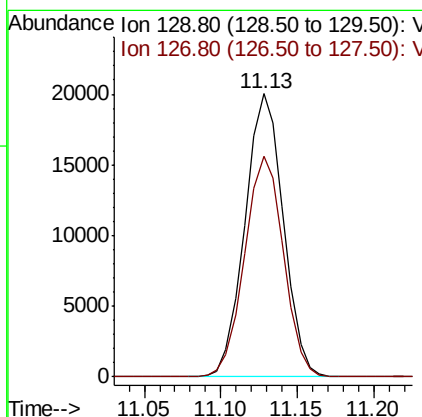
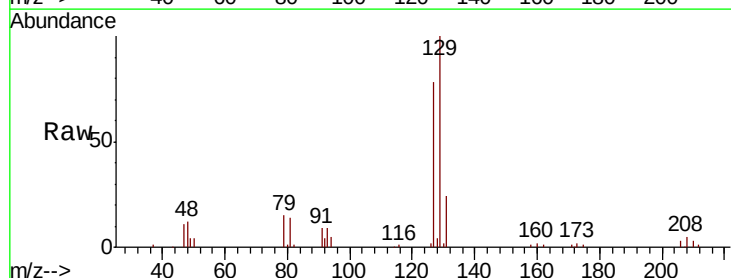
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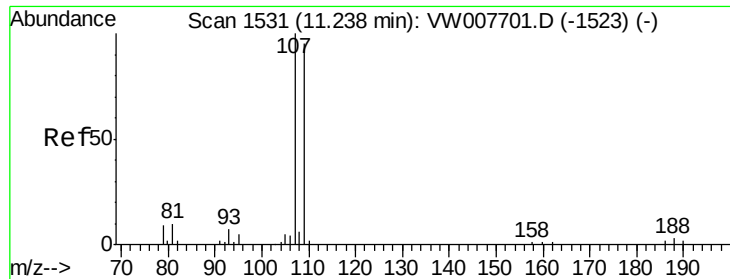
MMDadoda
12/26/2018 10:59:42 AM



#60
Dibromochloromethane
Concen: 46.173 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:129 Resp: 34948
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.9





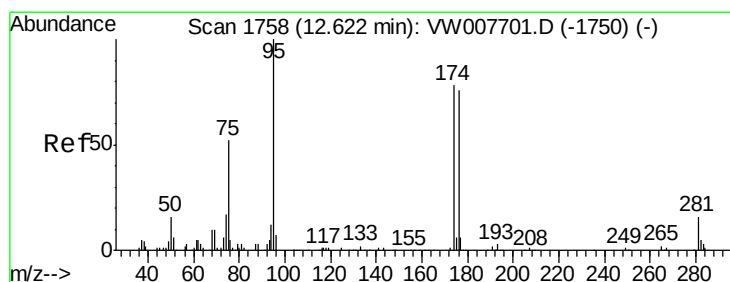
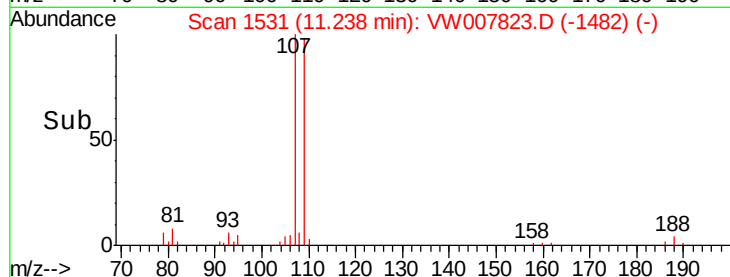
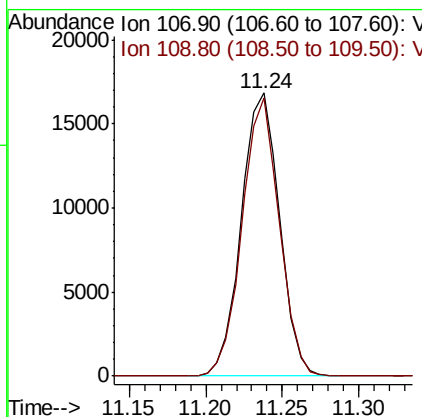
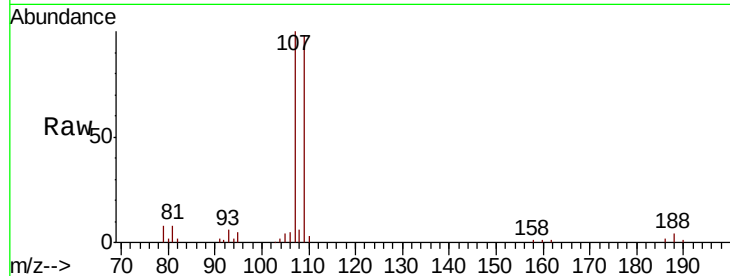
#61
 1,2-Dibromoethane
 Concen: 50.432 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 29194
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.4 113.0

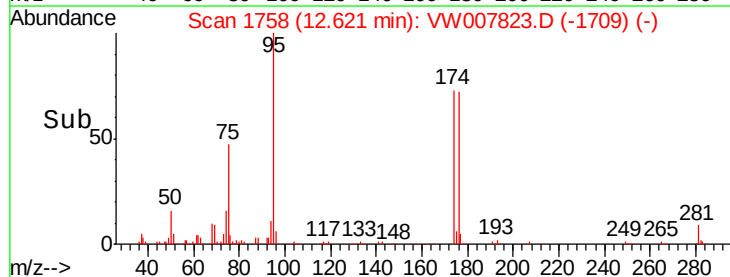
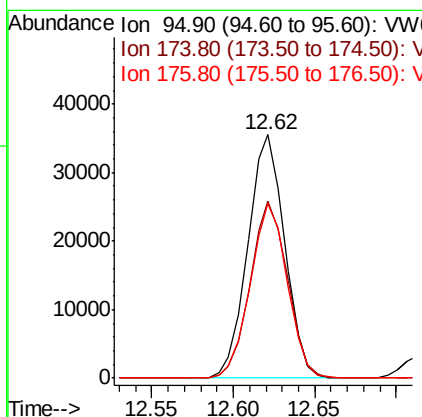
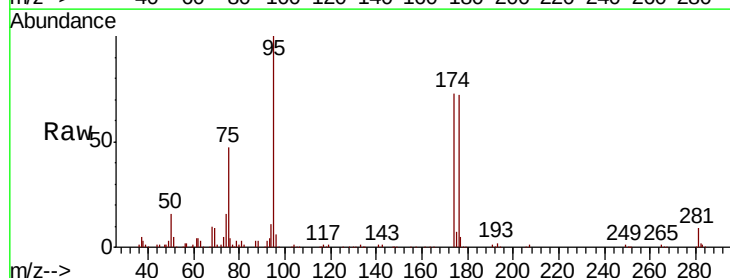
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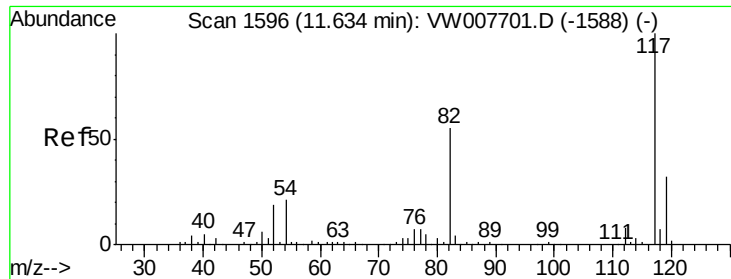
MMDadoda
 12/26/2018 10:59:42 AM



#62
 4-Bromofluorobenzene
 Concen: 53.339 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion: 95 Resp: 55857
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 152.2
 176 71.9 0.0 146.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

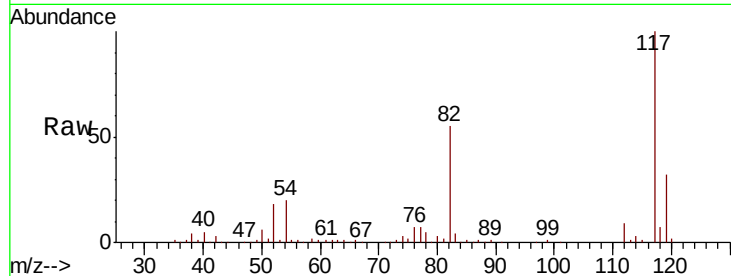
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	107101
Ion Ratio	Lower	Upper	
117	100		
82	54.6	44.3	66.5
119	32.4	25.7	38.5

Manual Integrations
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MMDadoda
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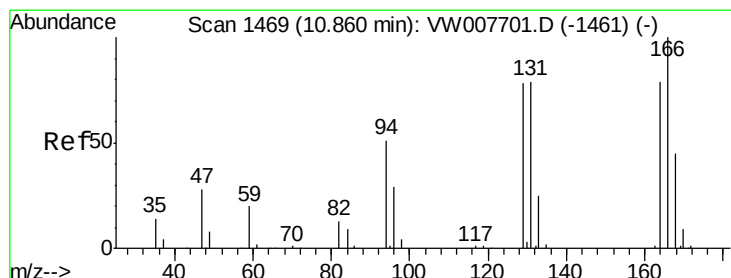
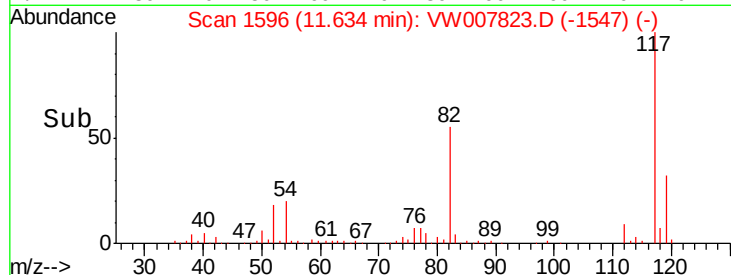
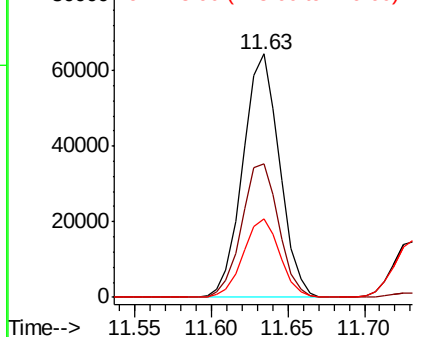


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 52.321 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion:	164	Resp:	39681
Ion Ratio	Lower	Upper	
164	100		
166	122.6	101.0	151.6
129	98.4	78.7	118.1
131	93.3	79.4	119.0

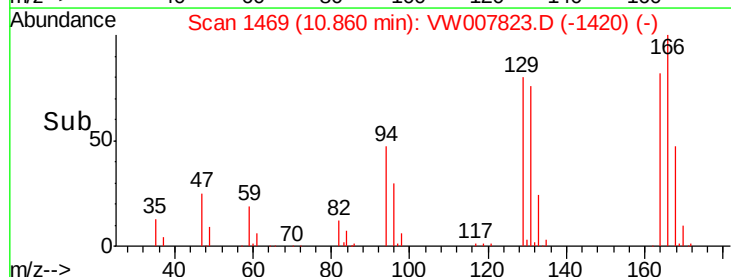
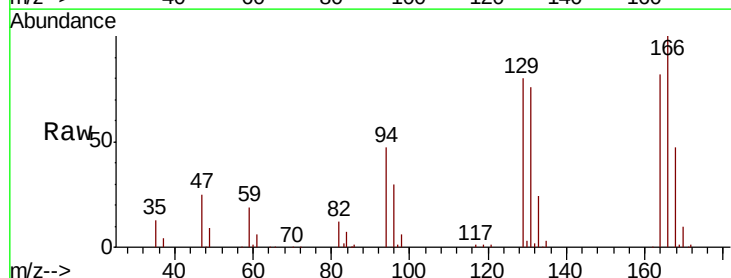
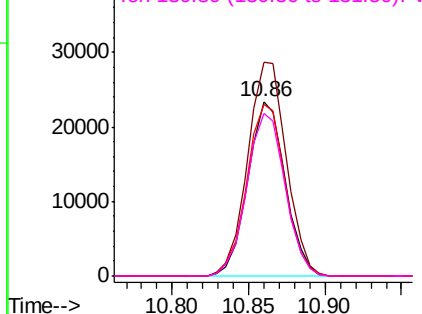
Abundance

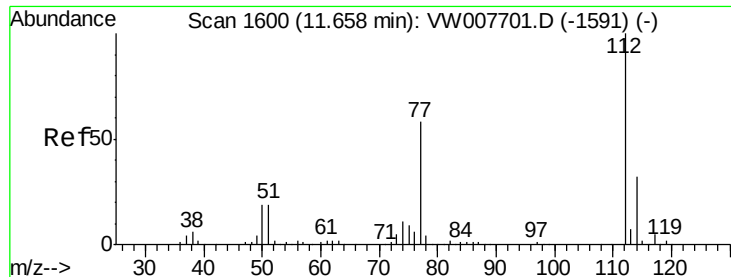
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





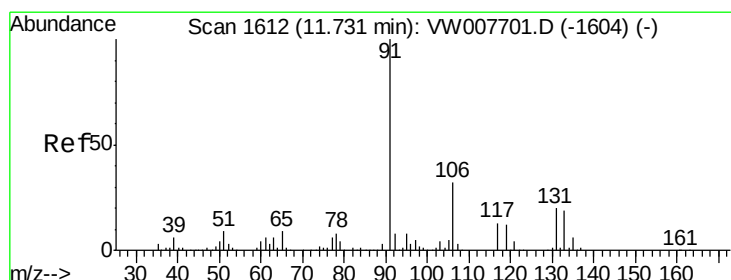
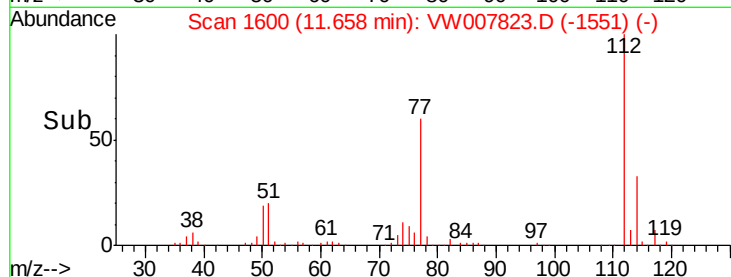
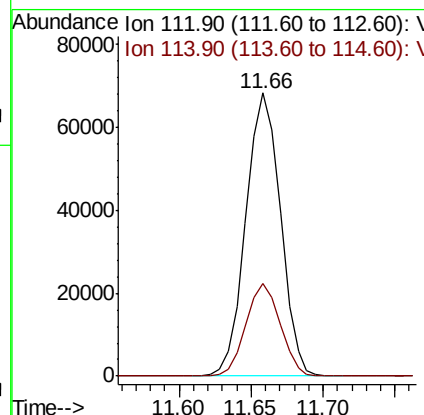
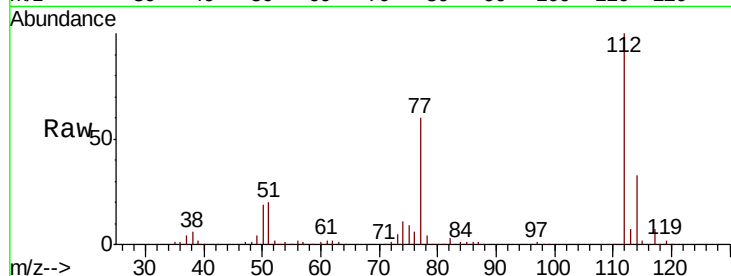
#65
Chlorobenzene
Concen: 49.065 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.2	37.8

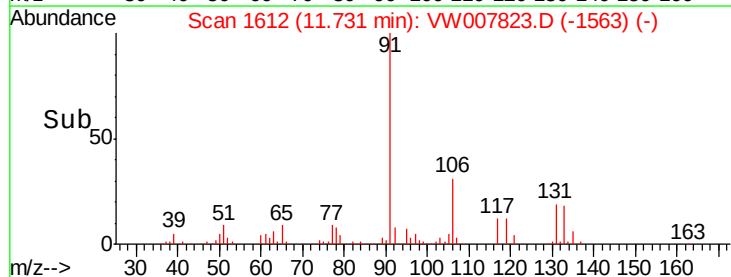
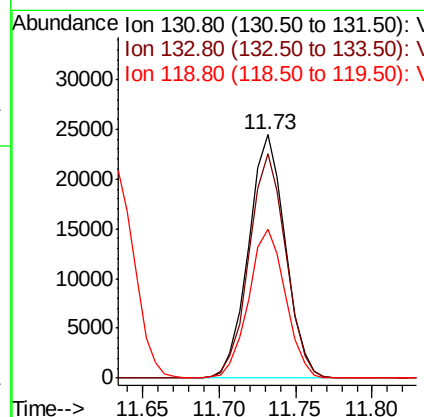
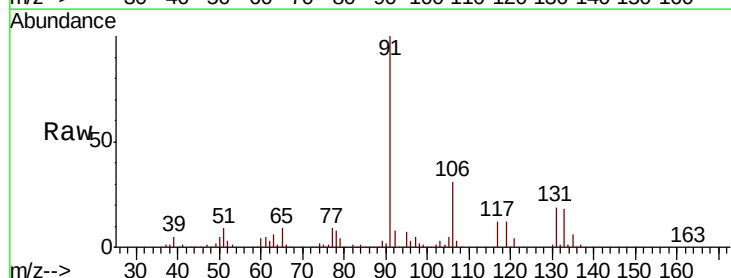
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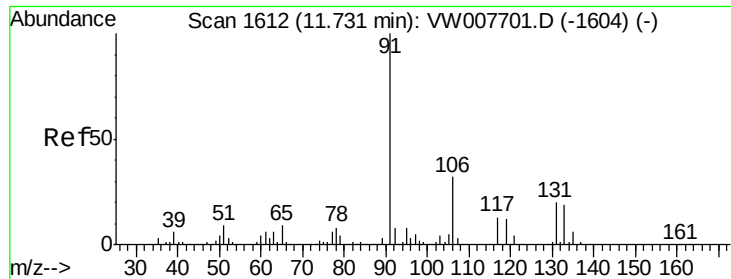
MMDadoda
12/26/2018 10:59:42 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.255 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.9	47.5	142.5
119	61.5	30.2	90.6





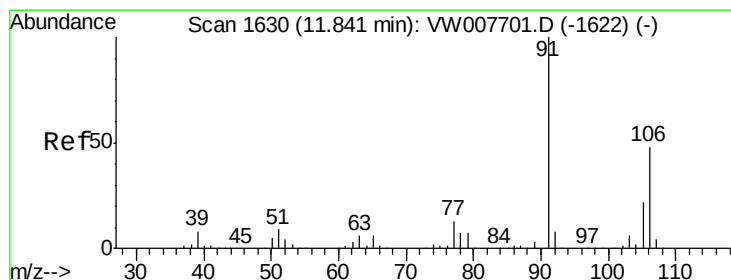
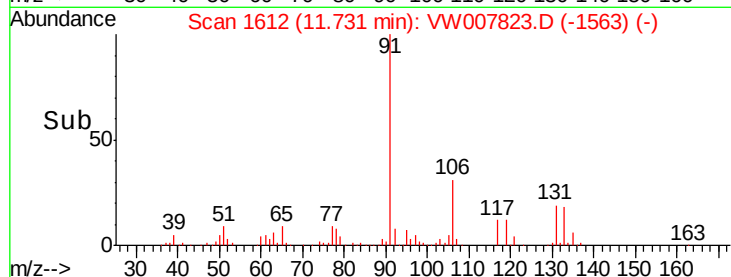
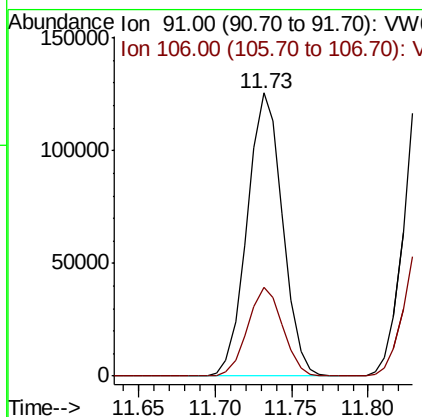
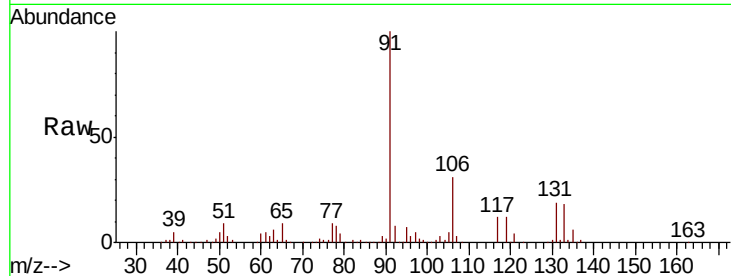
#67
Ethyl Benzene
Concen: 50.698 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 201669
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.8

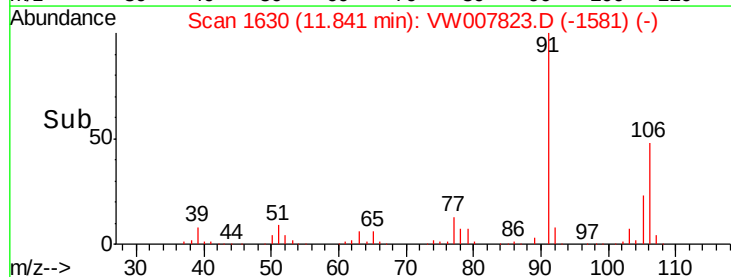
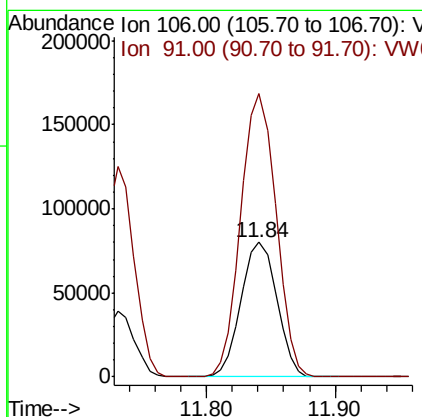
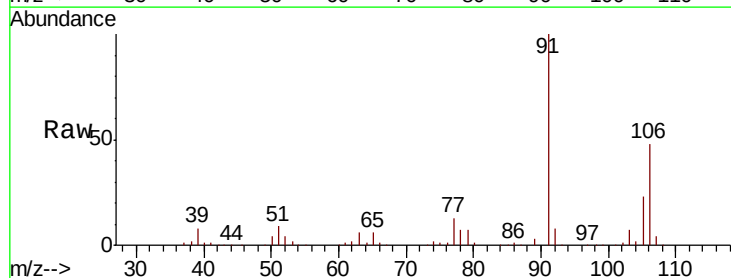
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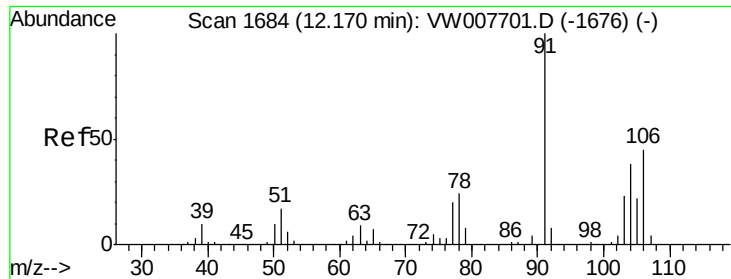
MMDadoda
12/26/2018 10:59:42 AM



#68
m/p-Xylenes
Concen: 100.089 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:106 Resp: 154445
Ion Ratio Lower Upper
106 100
91 207.9 165.2 247.8





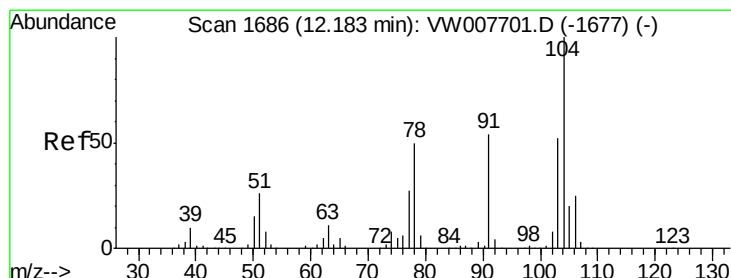
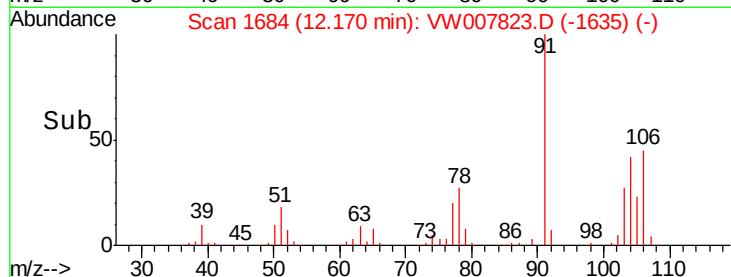
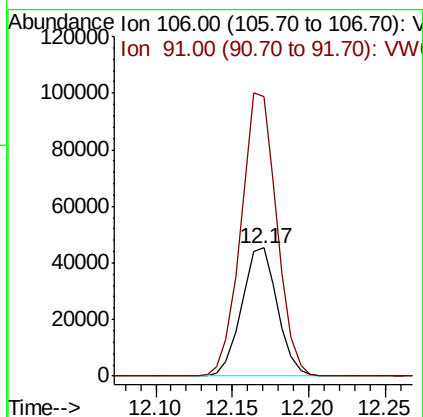
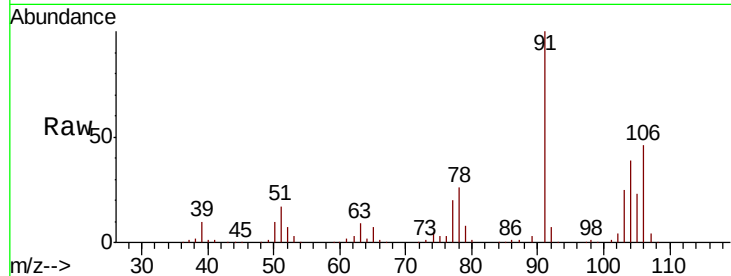
#69
o-Xylene
Concen: 50.801 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 73480
Ion Ratio Lower Upper
106 100
91 220.3 110.5 331.4

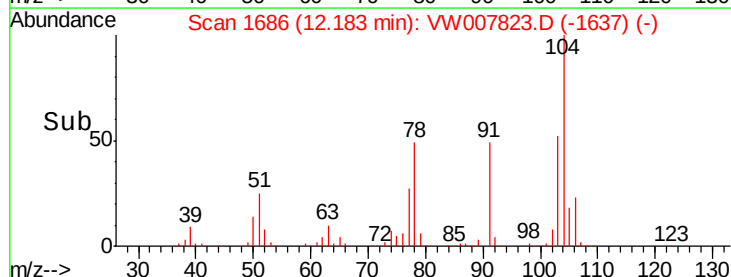
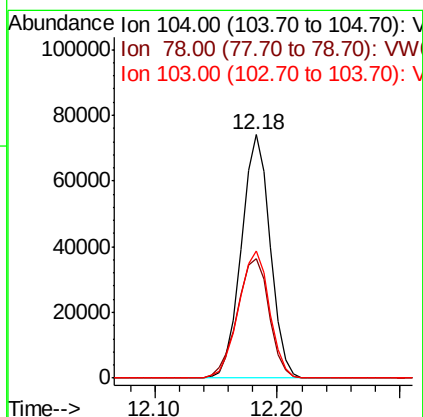
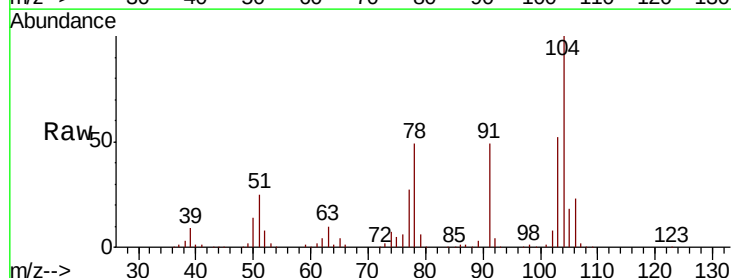
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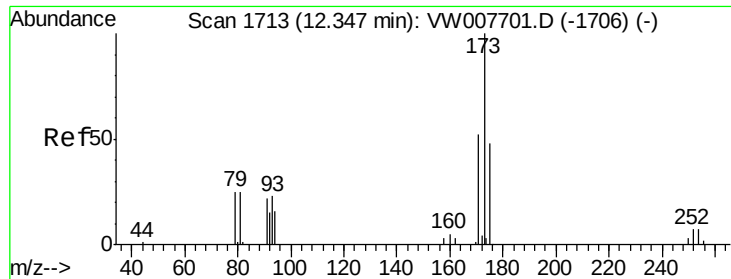
MMDadoda
12/26/2018 10:59:42 AM



#70
Styrene
Concen: 50.770 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion:104 Resp: 120713
Ion Ratio Lower Upper
104 100
78 54.6 43.4 65.0
103 56.4 44.5 66.7





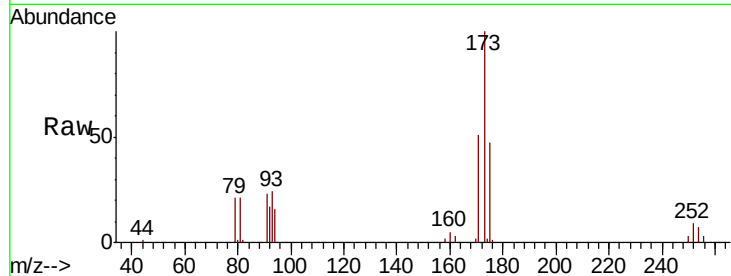
#71
Bromoform
Concen: 44.878 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.9	71.7
254	0.0	0.0	0.0

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MMDadoda
12/26/2018 10:59:42 AM

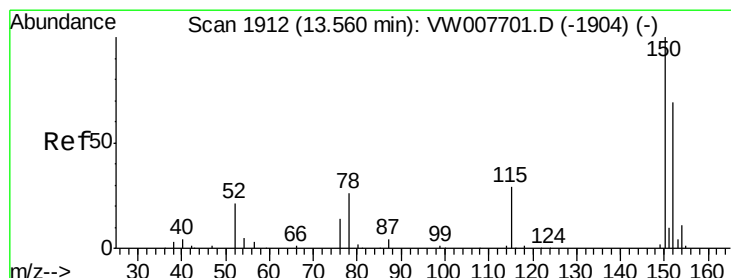
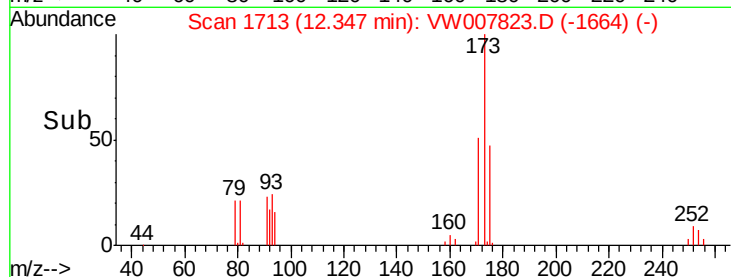
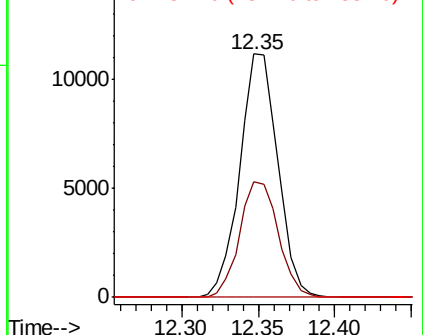


Abundance

Ion 172.70 (172.40 to 173.40): V

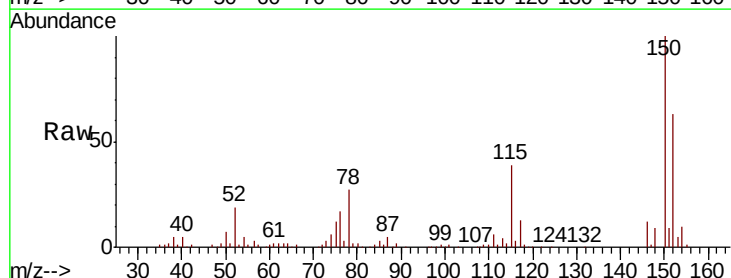
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.8	95.4
150	174.7	0.0	350.8

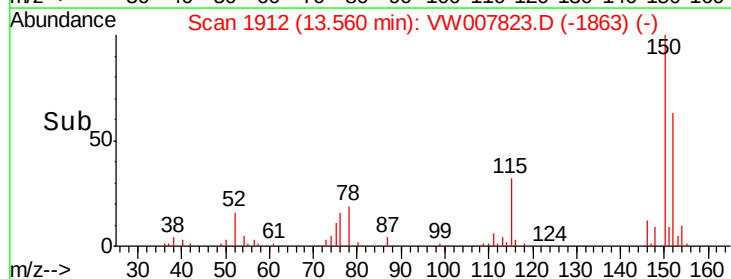
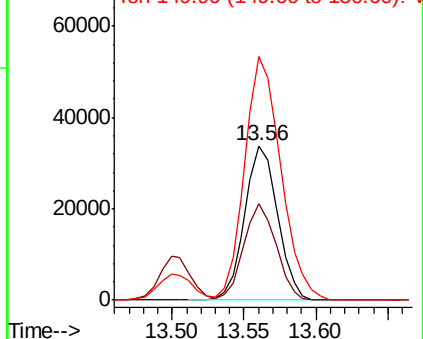


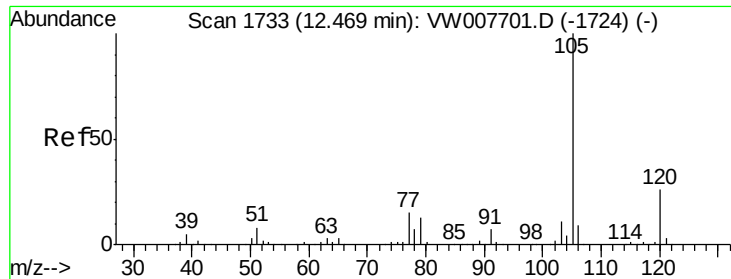
Abundance

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





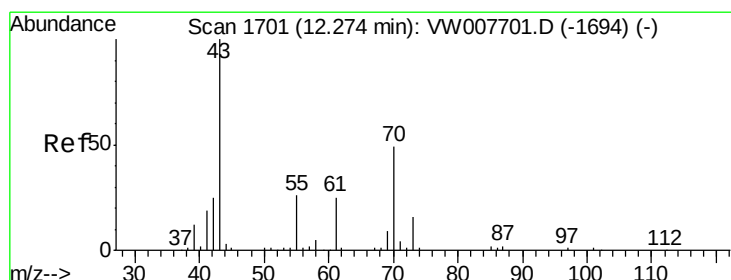
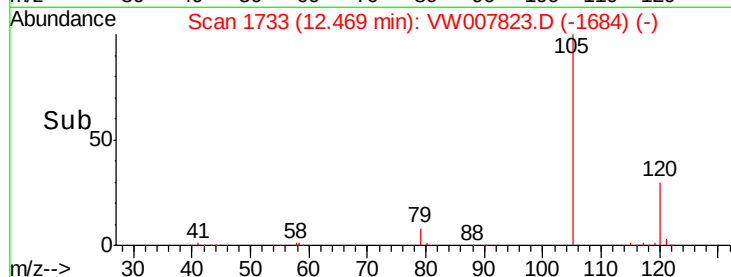
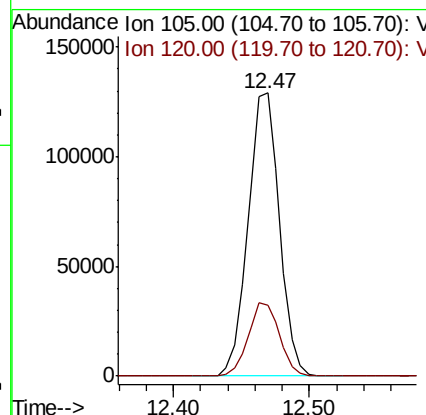
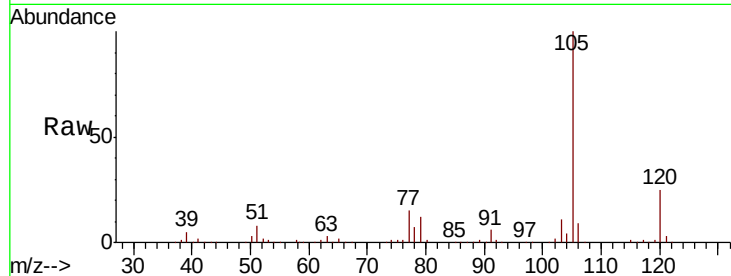
#73
Isopropylbenzene
Concen: 51.651 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.1	39.3

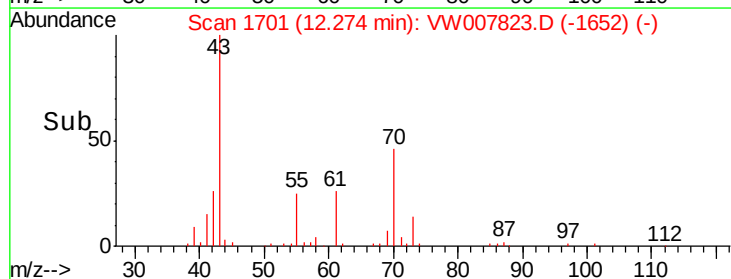
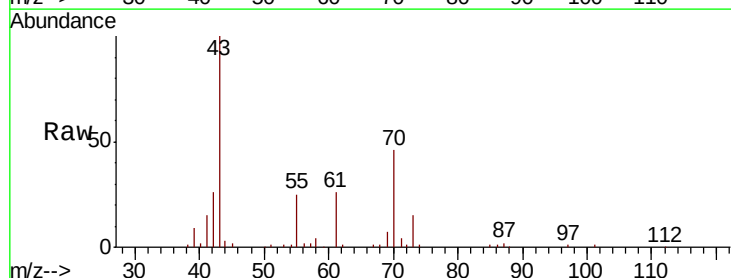
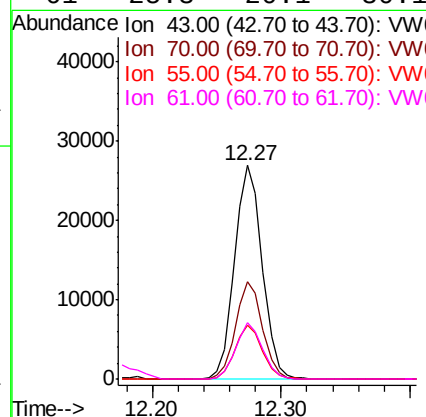
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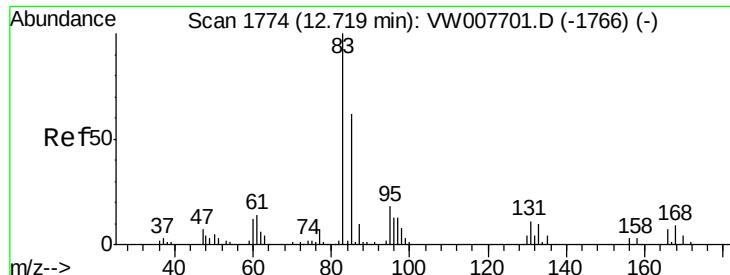
MMDadoda
12/26/2018 10:59:42 AM



#74
N-ethyl acetate
Concen: 57.862 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.2	37.6	56.4
55	24.7	21.7	32.5
61	25.3	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.305 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

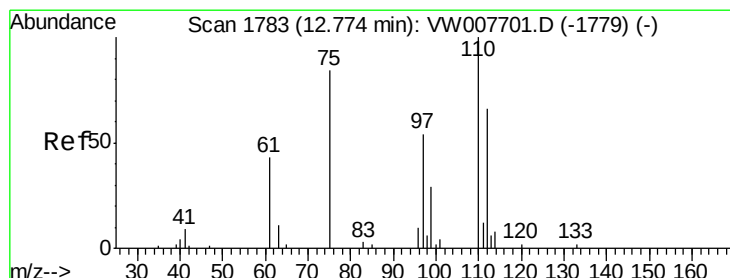
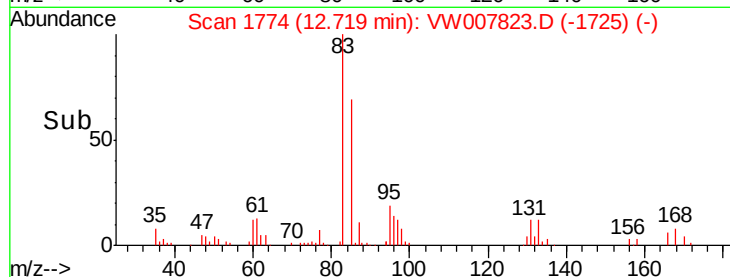
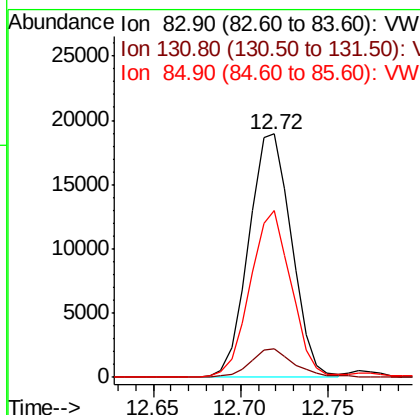
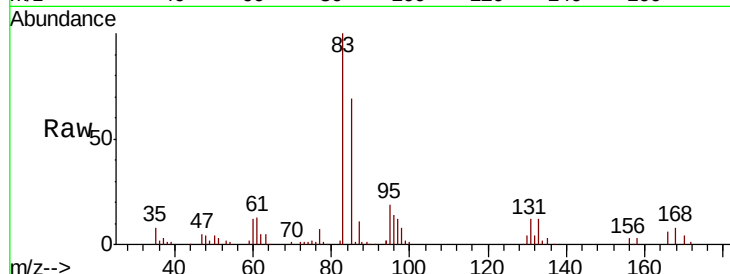
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	32176
Ion	Ratio	Lower	Upper
83	100		
131	11.9	6.3	18.8
85	66.0	32.3	96.8

Manual Integrations
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MMDadoda
12/26/2018 10:59:42 AM



#76

1,2,3-Trichloropropane

Concen: 60.040 ug/l m

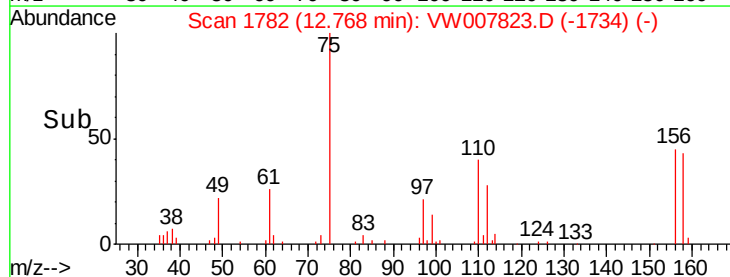
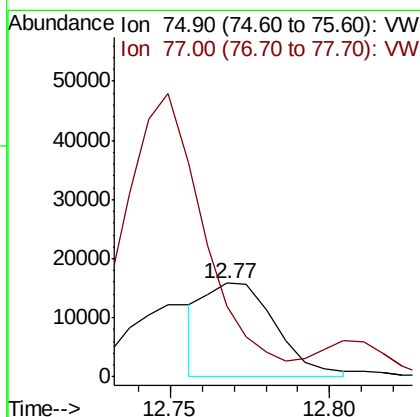
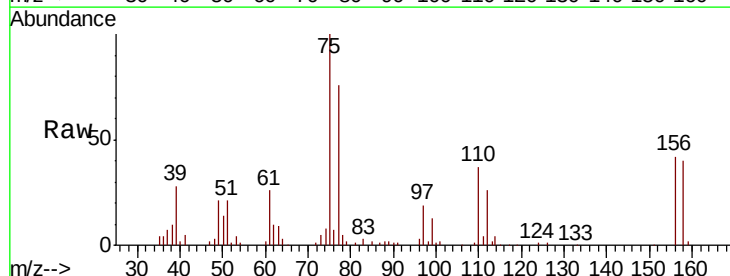
RT: 12.77 min Scan# 1782

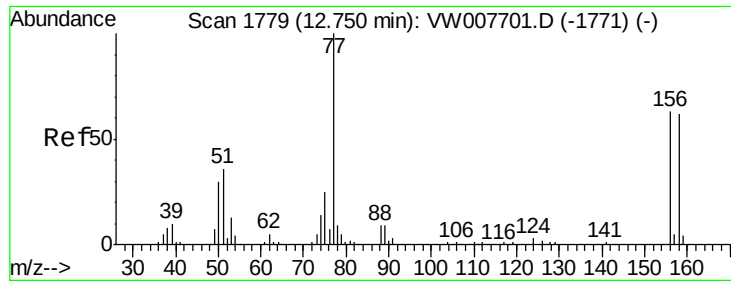
Delta R.T. -0.01 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion:	75	Resp:	24716
Ion	Ratio	Lower	Upper
75	100		
77	339.6	0.0	0.0#





#77

Bromobenzene

Concen: 50.337 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Instrument :

MSVOA_W

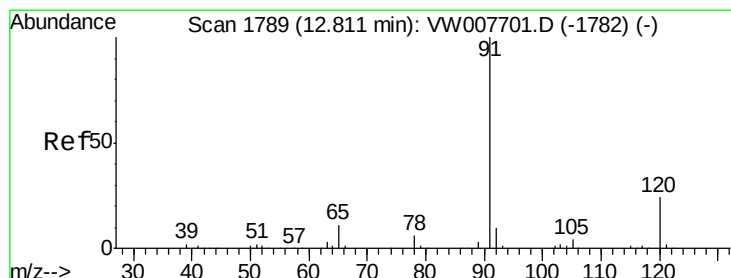
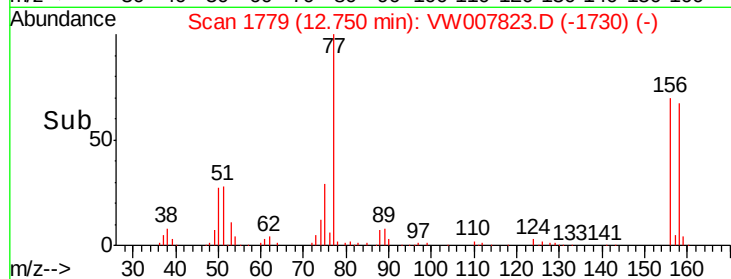
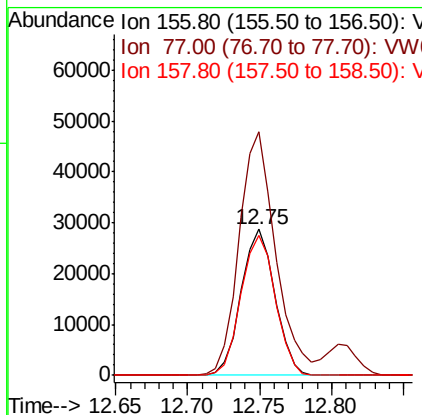
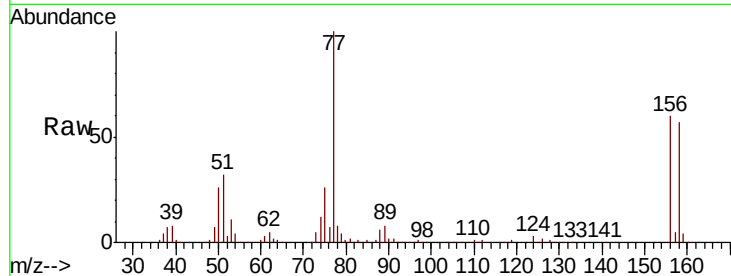
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	180.7	87.4	262.1	
158	97.7	48.4	145.0	

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#78

n-propylbenzene

Concen: 51.018 ug/l

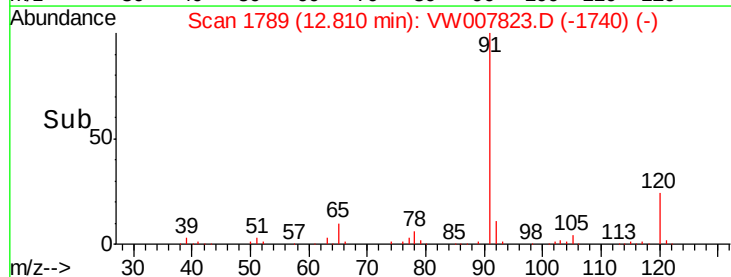
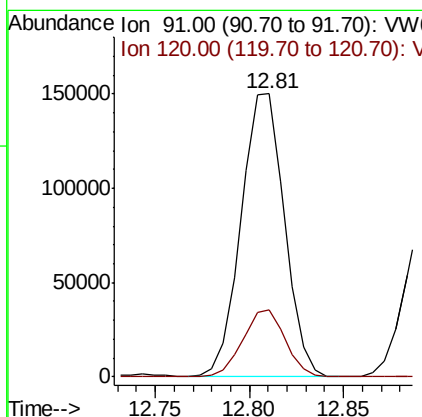
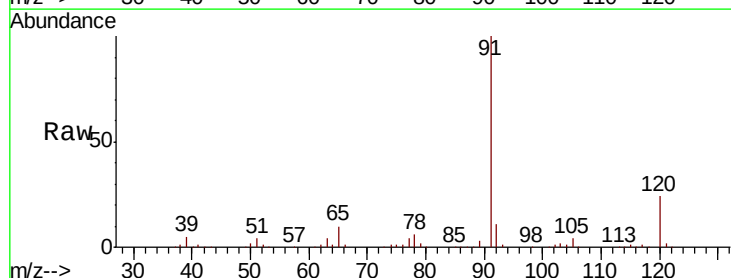
RT: 12.81 min Scan# 1789

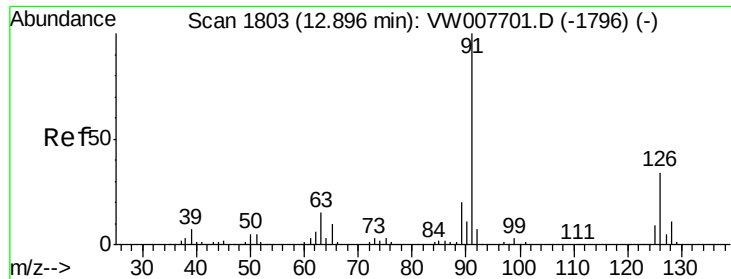
Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.2	11.9	35.7	





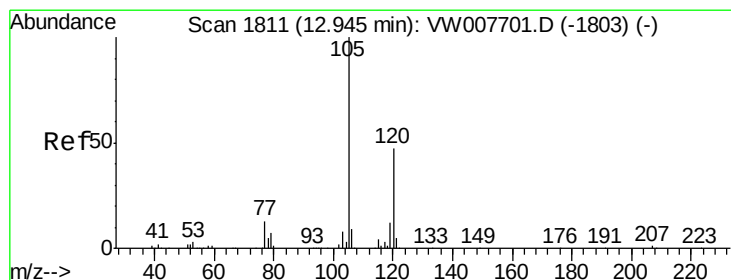
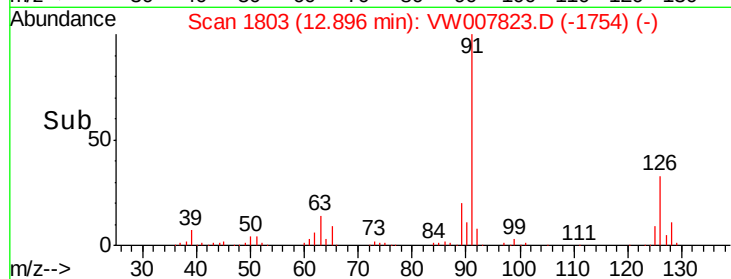
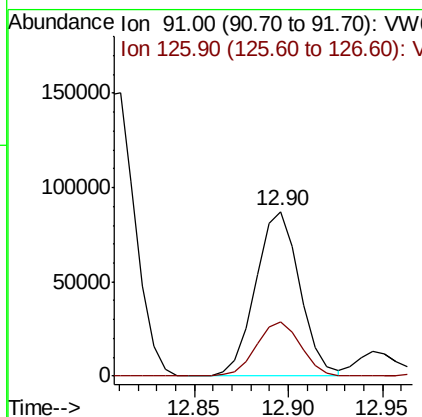
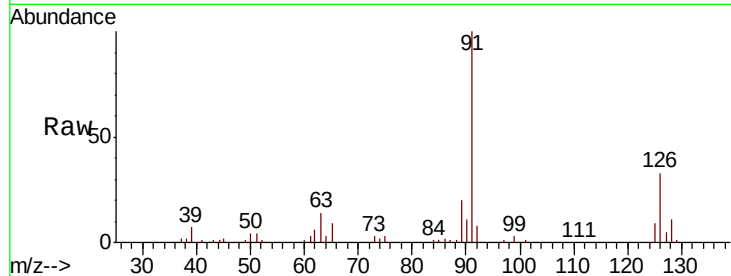
#79
 2-Chlorotoluene
 Concen: 51.884 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 141647
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.0 51.0

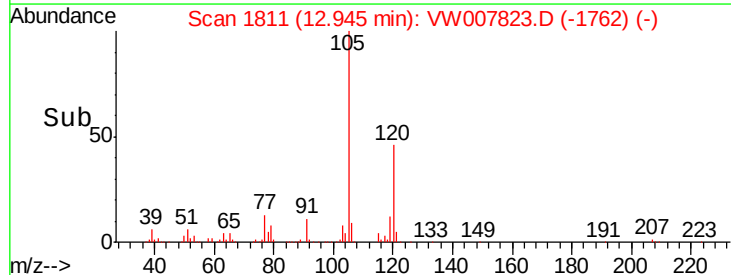
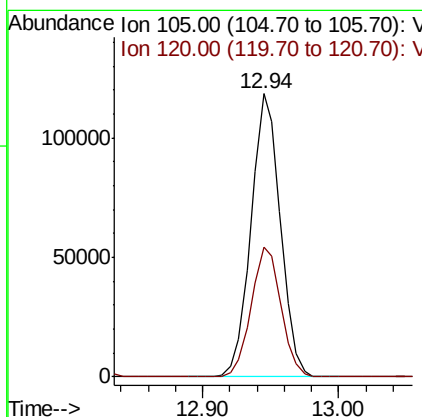
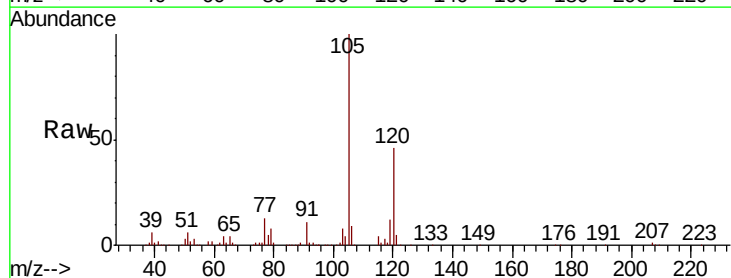
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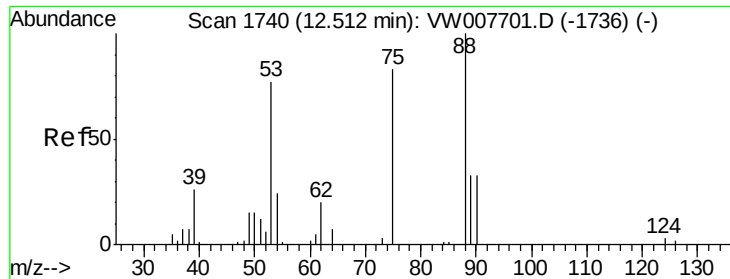
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.643 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion:105 Resp: 179338
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.6 70.8





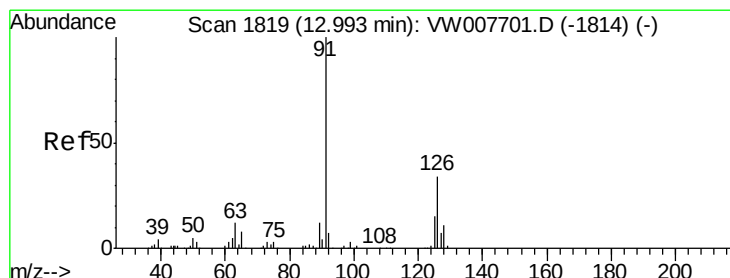
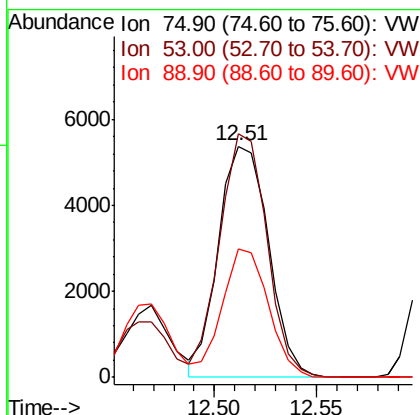
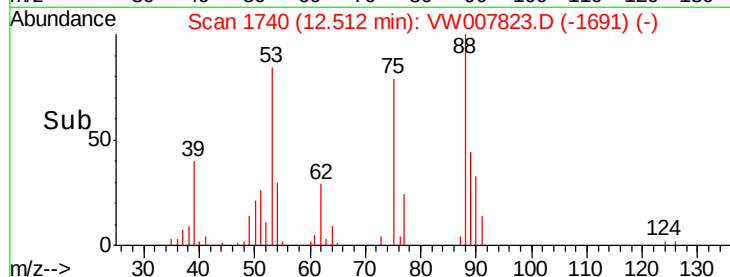
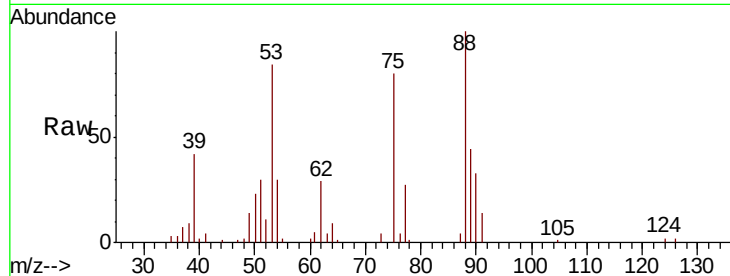
#81
trans-1,4-Dichloro-2-butene
Concen: 46.764 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.0	80.2	120.2
89	51.4	39.2	58.8

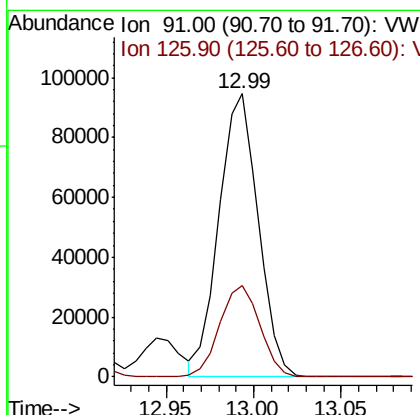
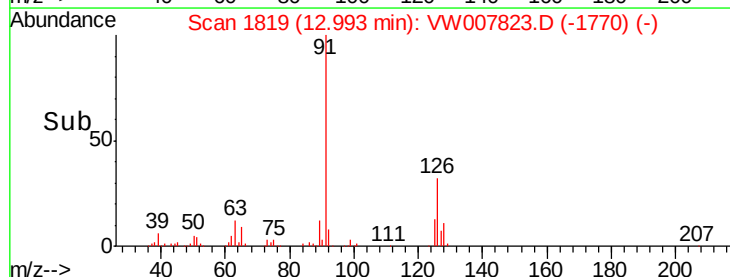
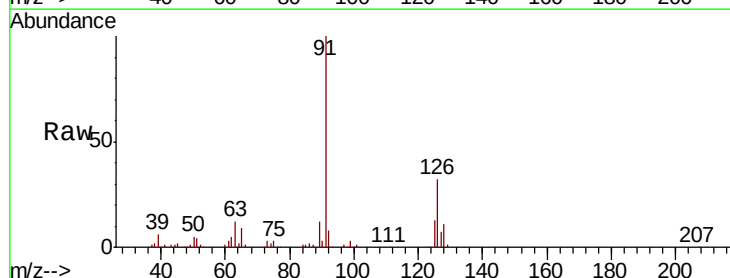
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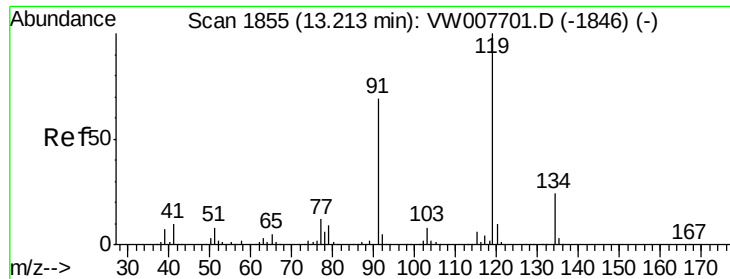
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#82
4-Chlorotoluene
Concen: 50.794 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5





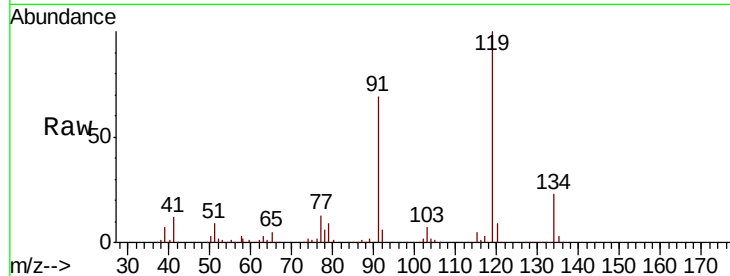
#83
tert-Butylbenzene
Concen: 51.828 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

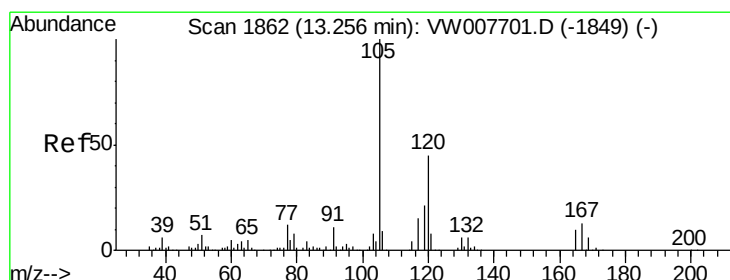
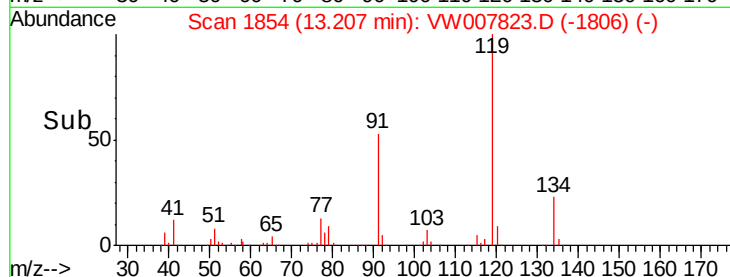
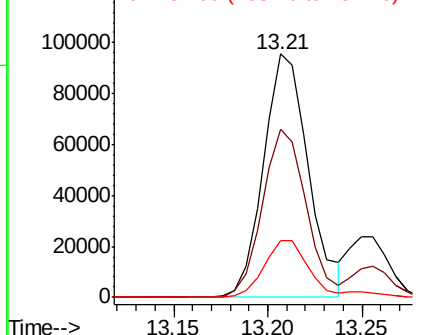
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	34.2	102.5
134	24.8	12.8	38.4

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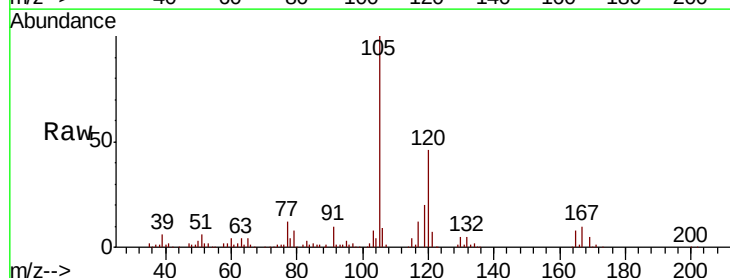


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

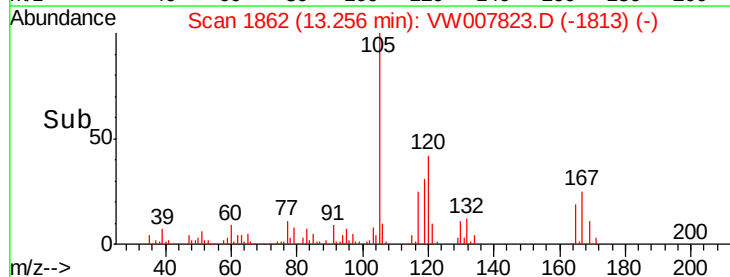
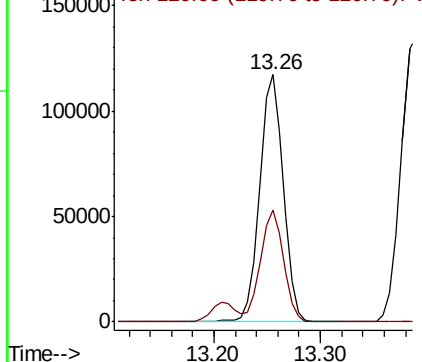


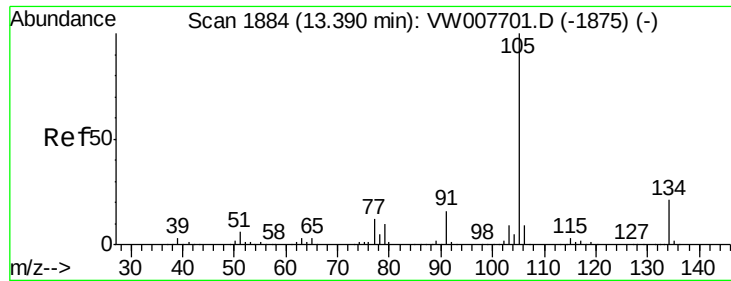
#84
1,2,4-Trimethylbenzene
Concen: 52.117 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.0	66.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





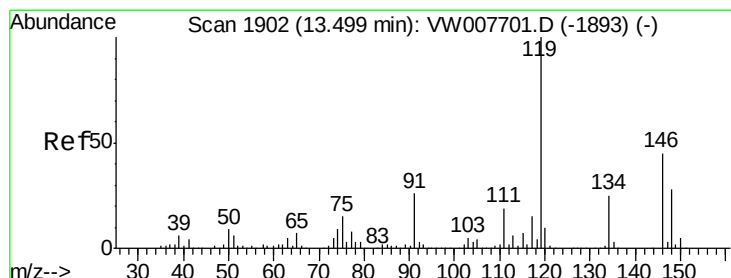
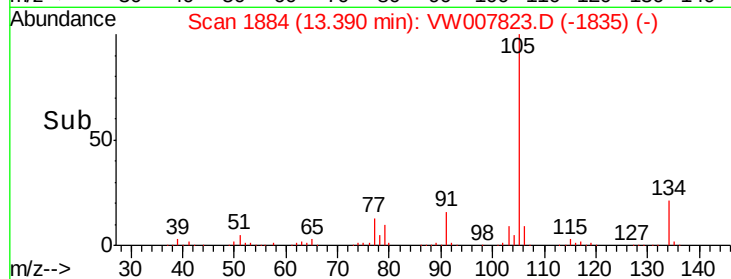
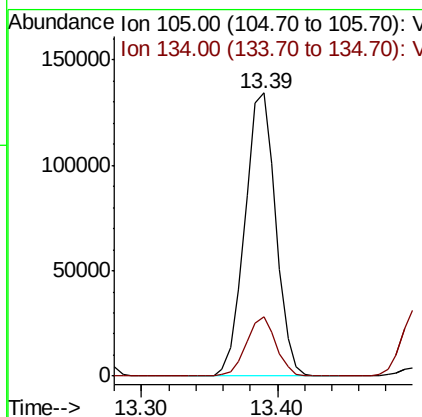
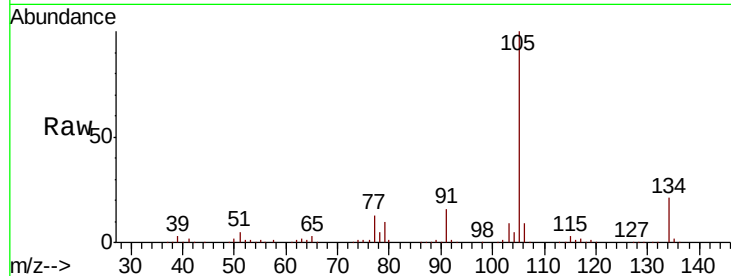
#85
 sec-Butylbenzene
 Concen: 50.754 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.2	30.4

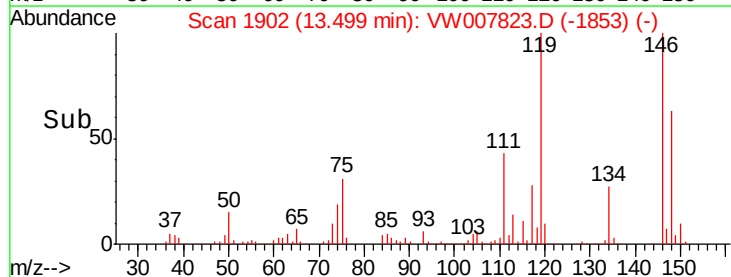
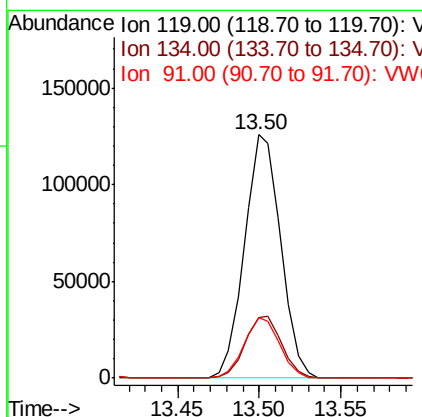
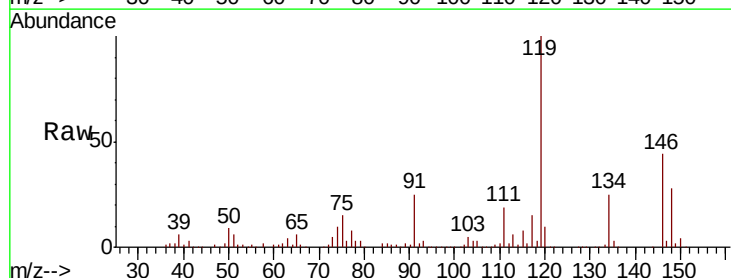
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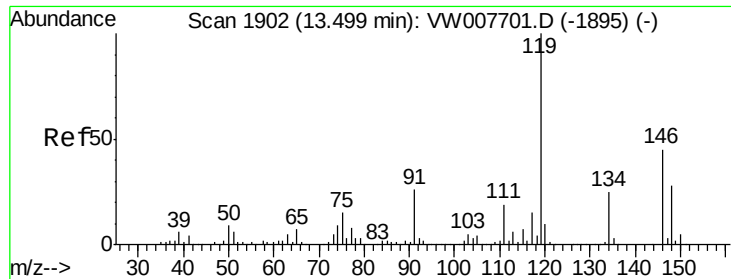
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 12/26/2018 10:59:42 AM



#86
 p-Isopropyltoluene
 Concen: 50.783 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	24.7	12.8	38.4





#87

1,3-Dichlorobenzene

Concen: 50.150 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

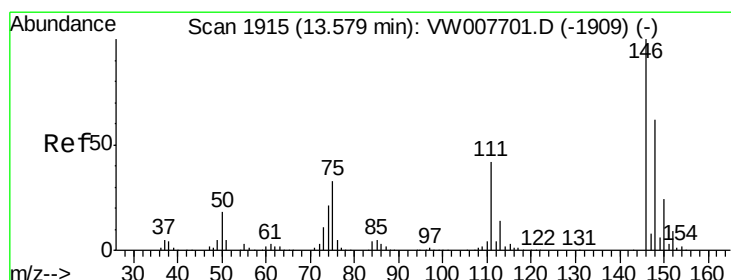
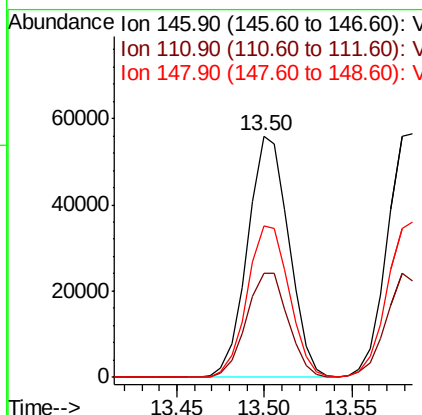
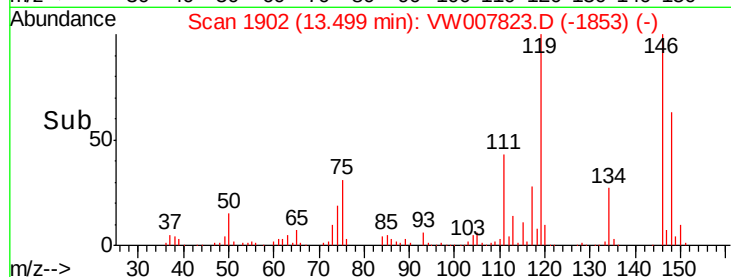
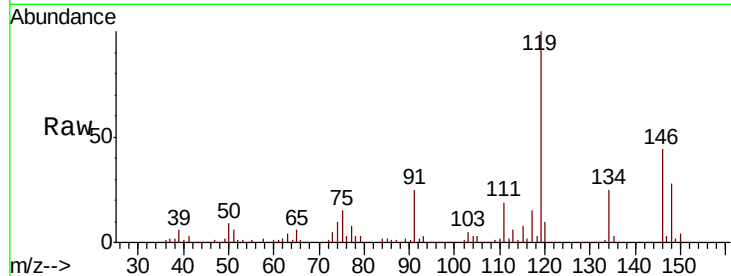
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.4
148	63.8	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 50.509 ug/l

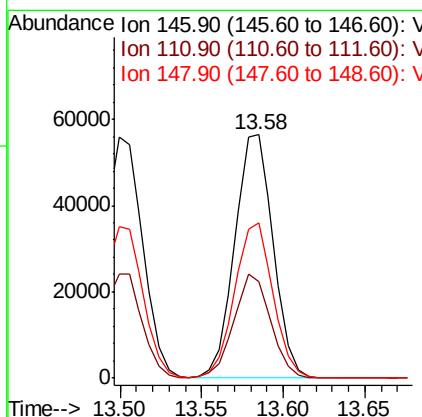
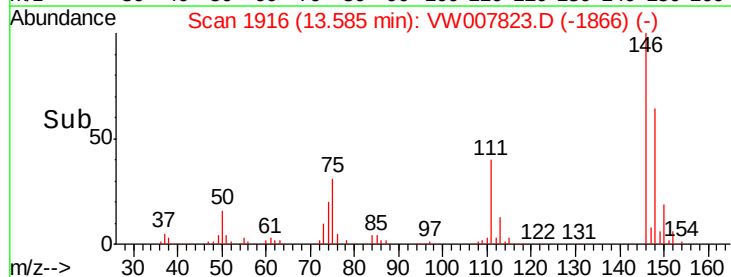
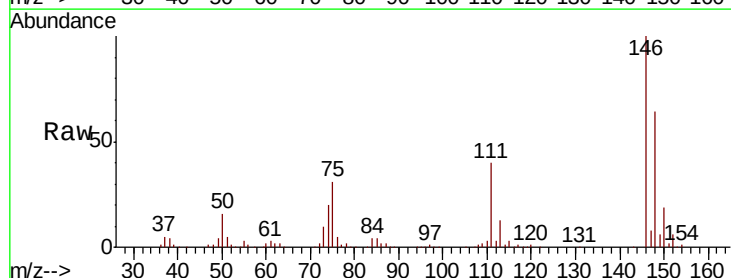
RT: 13.58 min Scan# 1916

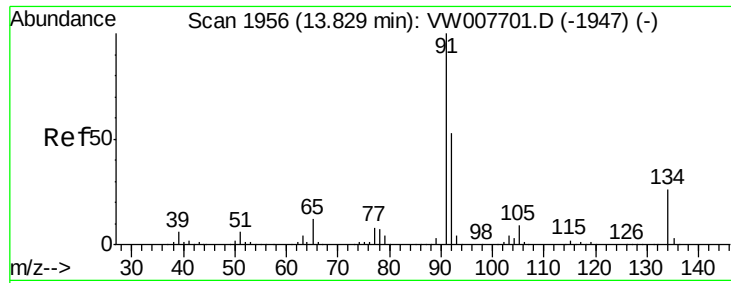
Delta R.T. 0.01 min

Lab File: VW007823.D

Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.0	63.0
148	63.4	31.8	95.4





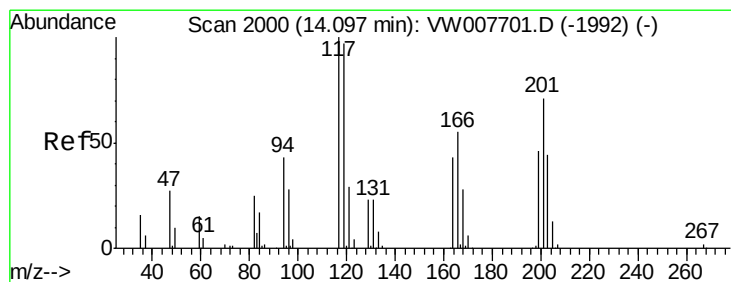
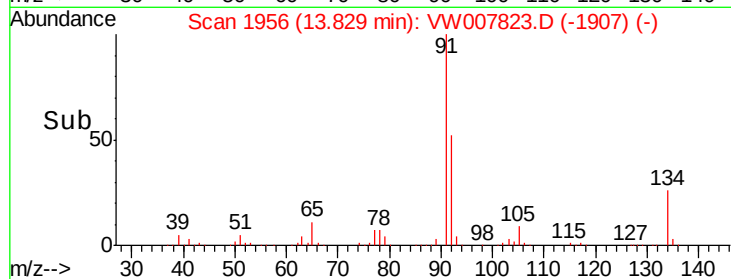
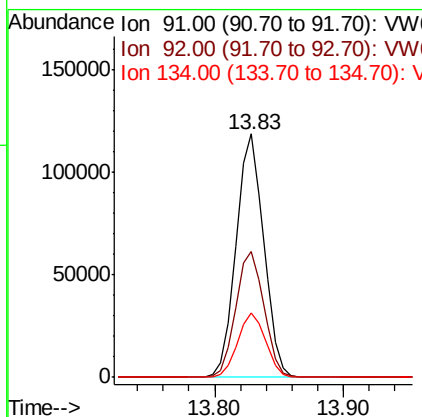
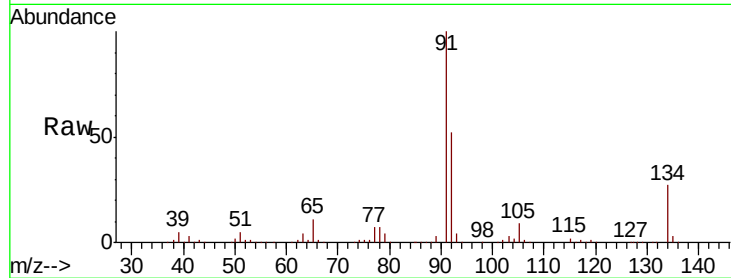
#89
n-Butylbenzene
Concen: 50.368 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		176342		
92	52.9	26.4	79.2		
134	26.5	13.7	41.0		

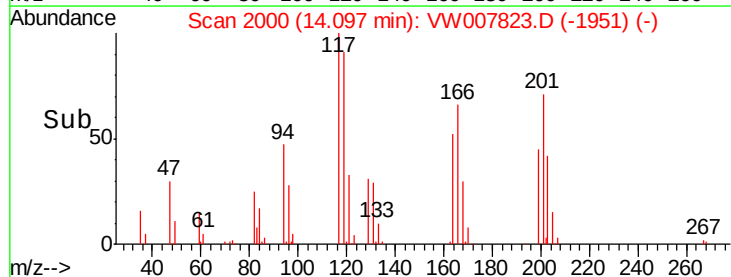
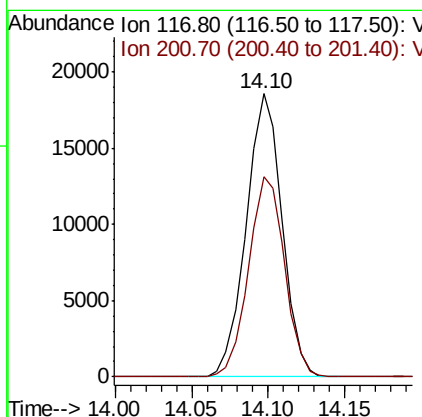
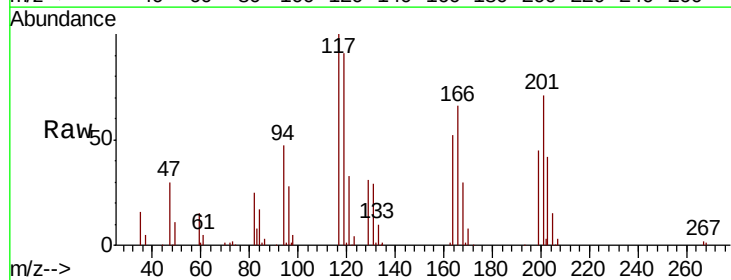
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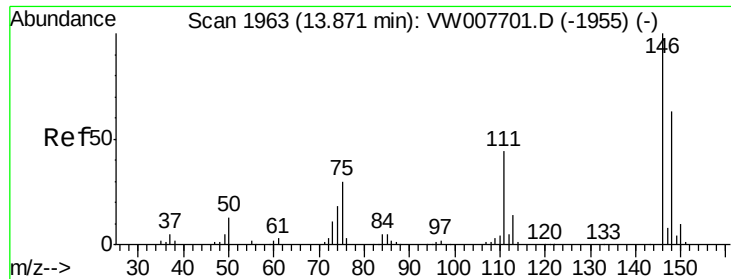
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#90
Hexachloroethane
Concen: 45.090 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		30227		
201	71.0	36.2	108.6		





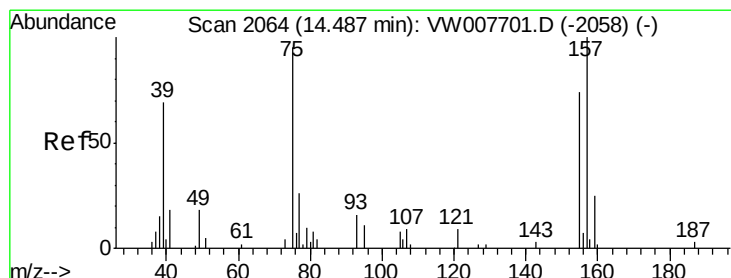
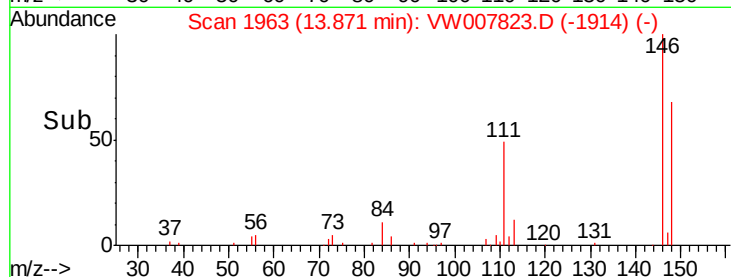
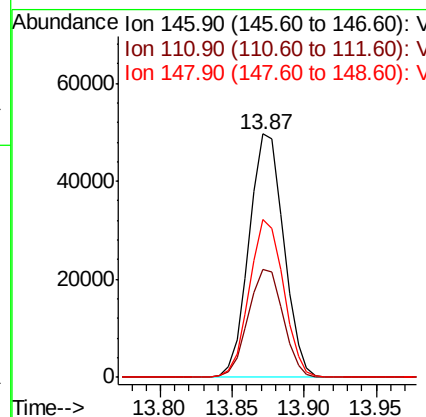
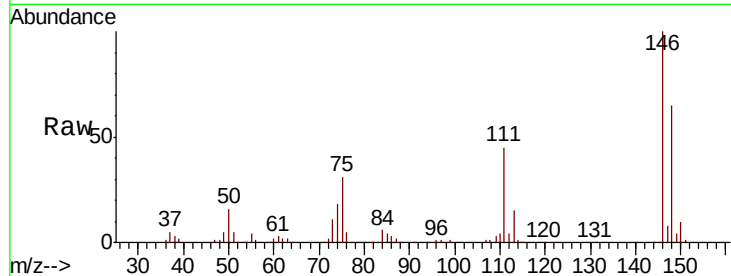
#91
 1,2-Dichlorobenzene
 Concen: 50.549 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.7	65.1
148	63.7	32.1	96.5

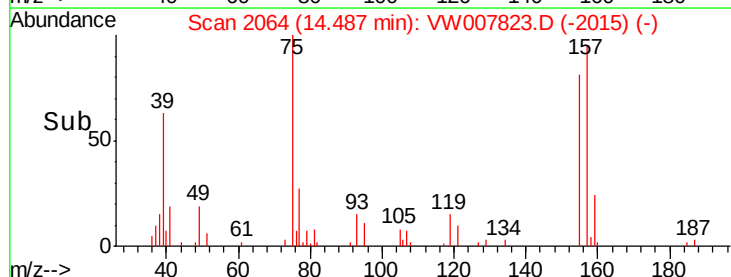
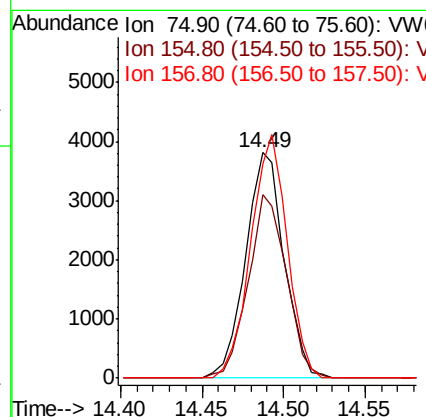
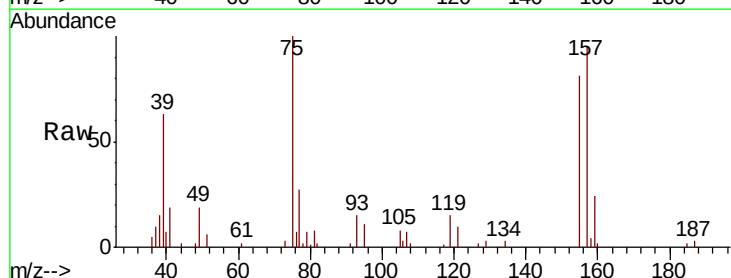
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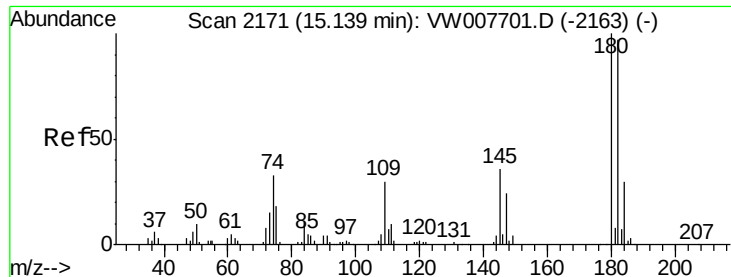
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.757 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007823.D
 Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.4	118.1
157	101.9	52.0	156.0





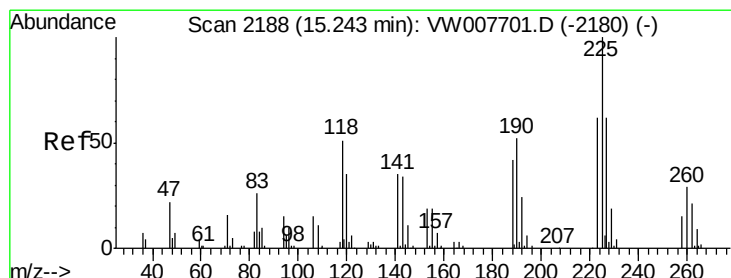
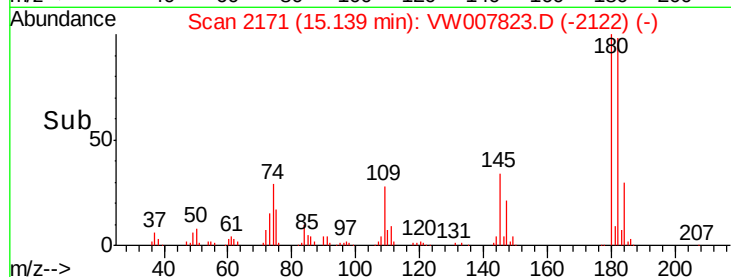
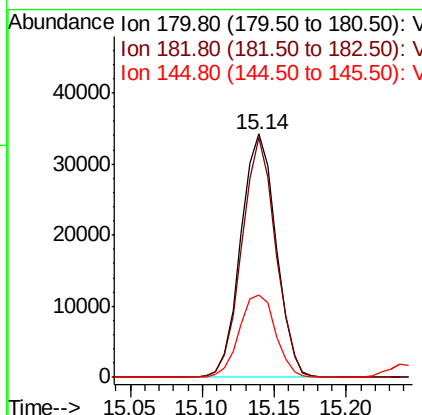
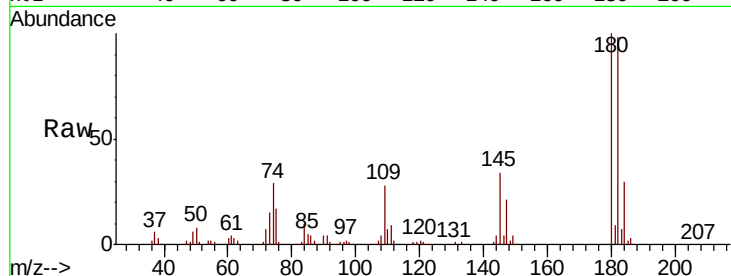
#93
1,2,4-Trichlorobenzene
Concen: 50.937 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	34.9	17.5	52.5

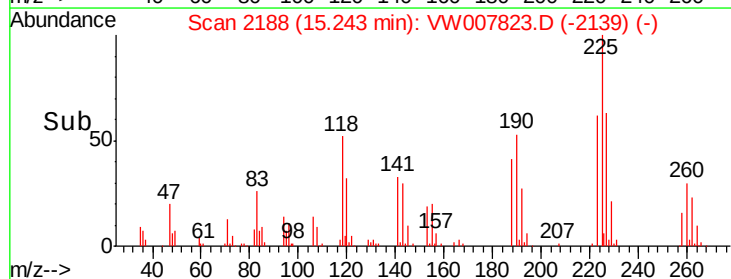
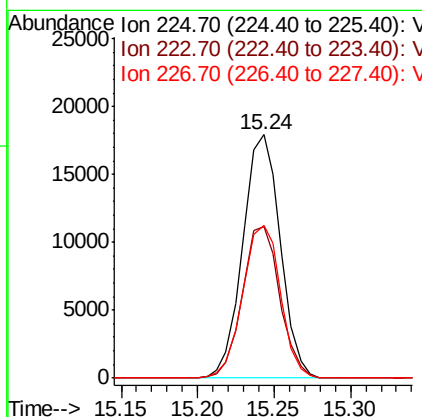
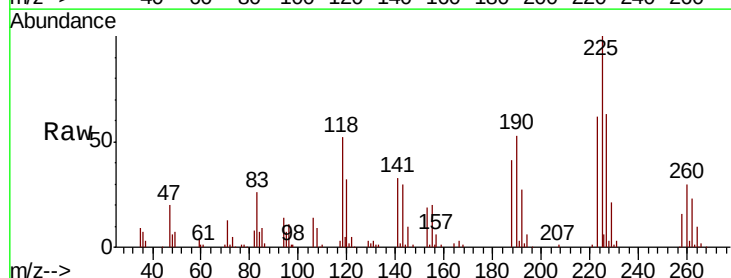
Manual Integrations
APPROVED

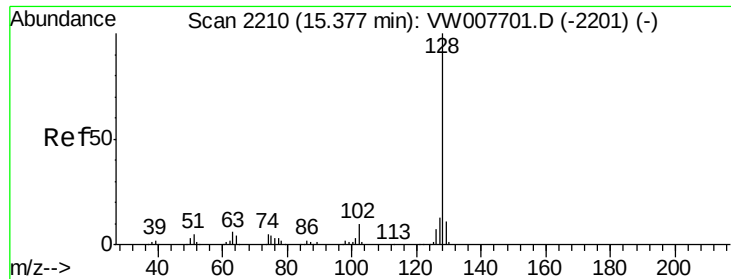
MMDadoda
12/26/2018 10:59:42 AM



#94
Hexachlorobutadiene
Concen: 50.156 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.6	94.8
227	63.1	32.1	96.3





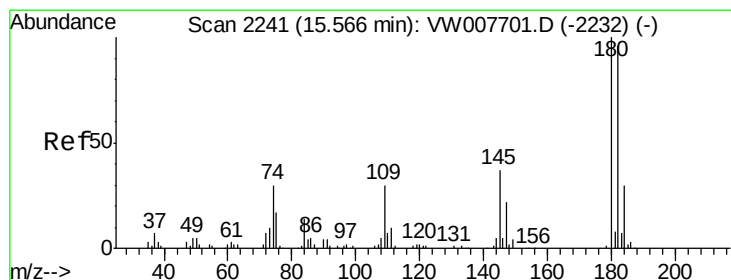
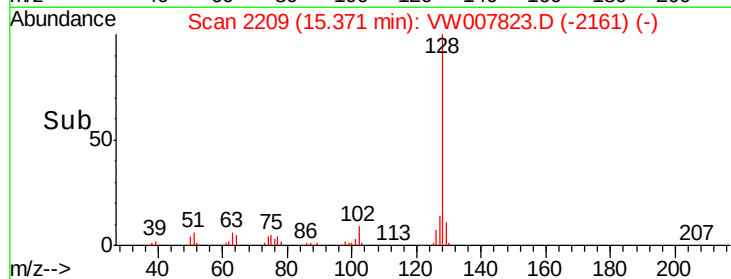
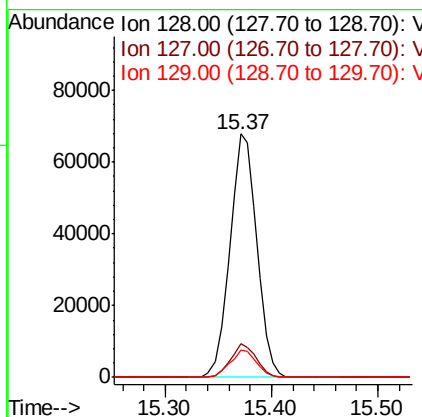
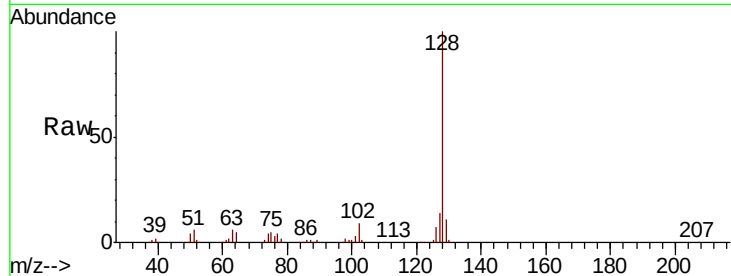
#95
Naphthalene
Concen: 56.943 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	119861		
127	13.3	10.7	16.1	
129	11.1	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
12/26/2018 10:59:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.126 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007823.D
Acq: 22 Dec 2018 05:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	50801		
182	95.9	47.4	142.2	
145	36.3	18.4	55.0	

